IAIMS NEWSLETTER

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UNIVERSITY OF UTAH HEALTH SCIENCES CENTER • PUBLISHED BY THE SPENCER S. ECCLES HEALTH SCIENCES LIBRARY• UNIV. OF UTAH • BLDG. 589 • SALT LAKE CITY, UTAH, 84112• PHONE: (801) 581-5269•FAX: (801)581-3632•EDITOR: JOAN M. GREGORY• INTERNET: JOANG@ECCLAB. MED.UTAH.EDU •LIBRARY SERVICES NEWS EDITOR: Jeanne M. Le Ber • URL: http://www-medlib.med.utah.edu/iaims/iaims.html

MC/SCUG

Medical Center / Small Computer Users Group

Wednesday, October 9, 1996, NOON

History of Medicine Room, Eccles Library

ELECTRONIC JOURNALS

Nina E. Dougherty and Mary E. Youngkin
Spencer S. Eccles Health Sciences Library

Electronic health sciences journals are becoming more readily available via the World Wide Web. Find out about the journals which are accessible, learn how to find these journals via the web, and provide feedback on electronic journals you consider useful and how you use or might use these resources (tables of contents vs abstracts vs full text vs full graphics).

Come with your questions, your feedback and your friends to the October MC/SCUG meeting, Wednesday, October 9, 1996 at NOON in the **History of Medicine Room**, Spencer S. Eccles Health Sciences Library.

ABOUT THE MEDICAL CENTER SMALL COMPUTER USERS GROUP

MC/SCUG is an informal group of computer users who enjoy keeping informed about the latest developments in computer applications of all types. Monthly presentations focus on current topics of interest. There is no membership fee. You are welcome whenever you are able to come. MC/SCUG meetings are usually held on the first Wednesday of the month (except during the Summer Quarter) in Classroom B or C, School of Medicine Building or in the History of Medicine Room at Eccles Library. If you would like more information about MC/SCUG or if you would like to suggest a topic for a MC/SCUG meeting, please contact Joan M. Gregory, Coordinator, MC/SCUG, Spencer S. Eccles Health Sciences Library, (801) 581-5269, INTERNET: joang@ecclab.med.utah.edu. If you are interested in receiving email notification of future MC/SCUG meetings, send an email message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe MCSCUG**

IN THIS ISSUE

MC/SCUG Meeting 1
Web Developers Group 2
Medical Informatics Seminars 2
Eccles Library Classes 3-7
Marriott Library Short Classes 7-9
UUCC Internet Seminars and Short Courses 9
Quick Fact 9
Library Services News: Eccles Library Servers, Hours, Holds, Renewals 10-12
Outreach Services: *Grateful Med* Phone Number Change..... 12
Computer Fair '96 13
Library Services News: Electronic Journals 14
IAIMS Newsletter Deadline and Mailing List 15

WEB DEVELOPERS GROUP

Internet Explorer 3.0 and ActiveX

Wednesday,
October 23, 1996
NOON - 1:00 pm
History of Medicine Room, Eccles Library

The newly formed Web Developers Group is an informal group of faculty, staff and students who are interested in publishing on the World Wide Web to support education, research, and patient care. The purpose of the group is to share information in this rapidly changing field; all levels of expertise are welcome. The group will be moderated by Sharon Dennis, Nancy Lombardo and Joan Gregory of the Spencer S. Eccles Health Sciences Library.

The first meeting of the group will be Wednesday, October 23 from NOON - 1:00 p.m. in the History of Medicine Room at the Spencer S. Eccles Health Sciences Library. Sharon Dennis, Associate Librarian for Computer and Media Services, will demonstrate and explain some of the interesting new capabilities of *Internet Explorer 3.0 for Windows 95*, including cascading style sheets and ActiveX.

For more information, contact Sharon E. Dennis, (801) 585-3928, INTERNET sdennis@ecclab.med.utah.edu; or Nancy Lombardo, (801) 581-5241, INTERNET: nlombardo@ecclab.med.utah.edu; or Joan M. Gregory, (801) 581-5269, INTERNET: joang@ecclab.med.utah.edu.

MEDICAL INFORMATICS SEMINARS

October 1996

Tuesdays, NOON - 1:00 pm

Classroom B (Gates Lecture Hall), School of Medicine Building, University of Utah

During October 1996, Medical Informatics Seminars will be presented on Tuesdays, NOON - 1:00 pm in Classroom B (Gates Lecture Hall), School of Medicine Building, University of Utah, unless otherwise indicated below. Presenters are from the University of Utah, School of Medicine, Department of Medical Informatics.

October 1, 1996	Faculty and Student Introductions/ Summary of active research projects
October 8, 1996	Dean Sorenson, Ph.D. / Carol Tesch, RN, MBA SAMS: A Surgical Asset Management System
October 15, 1996	To be arranged - **Location: Browning Auditorium**
October 22, 1996	Peter Haug, M.D. Medical Informatics Applications for Radiology
October 29, 1996	No seminar (AMIA Conference in Washington, DC)

For further information, contact: Bruce Bray, M.D., Department of Medical Informatics, (801) 581-4080, INTERNET: BBray@msscc.med.utah.edu.

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

Sessions are FREE unless otherwise indicated.

Classes for which a fee is charged require payment in advance to reserve your place in the class.

Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

The workshops and classes described below are presented on a regular basis by the faculty of the Spencer S. Eccles Health Sciences Library. Schedules are printed in the October, January, April and June issues of the *IAIMS Newsletter*. The Fall Quarter 1996 schedule is printed below. The schedule is also available electronically via the Library's Web site: **http://www-medlib.med.utah.edu/education/workshop.html**. Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

Sessions are FREE unless a charge is indicated. Classes for which a fee is charged require payment in advance to reserve a place in the class. Registration is on a first-come/first-served basis. **Please fill in the registration form below and return it to the library with your payment.** A postcard will be sent to confirm your registration. Phone registration will be accepted for classes that do not have a fee. To register for one of the free classes or for more information, call (801) 581-5534.

LOCATION: Computer Classrooms, Lower Level, Eccles Library (unless otherwise indicated).

Workshops and Classes Registration Form
Spencer S. Eccles Health Sciences Library
Bldg 589 / University of Utah / Salt Lake City, UT 84112

Please fill in the following information completely and return to the above address. Registration for classes is accepted by mail or in-person, and is on a first come/first served basis. Payment must accompany registration. Your registration will be confirmed by mail. Make check payable to: Eccles Library.

Name: _____ Phone: (w) _____ Phone: (h) _____
Address: _____
City/St/Zip: _____
Class name: _____
Class date: _____ Class time: _____ Cost of class: _____
❑ Yes! Send me a UU parking day pass for $2.50 Cost of parking: _____
Total enclosed: _____

Tours and Orientations

Tours and orientations are conducted to familiarize faculty, staff and students with library resources and services. Brief tours introduce users to information sources and location of library materials, and present an overview of available services. Detailed instruction in the use of compact disc databases, subject-specific sources, and other reference sources can be arranged. Contact instructor to arrange for a tour or orientation. Instructor: Jeanne M. Le Ber; (801) 581-5534; INTERNET: jeannele@ecclab.med.utah.edu.

Introduction to CD–ROM Databases

Participants learn the basic mechanisms for searching CD-ROM databases that are available at the Eccles Library. Databases include: Aidsline, Bioethicsline,

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CINAHL (Nursing & Allied Health Literature), HealthPlan, MEDLINE, Sport Discus, TOXLINE and PsycLIT. Arrangements can be made for a date and time that better suits your schedule. Instructors: Jeanne M. Le Ber; (801) 581-5534; INTERNET: jeannele@ecclab.med.utah.edu, or Patricia Arter; (801) 581-4686; INTERNET: parter@ecclab.med.utah.edu

Monday, October 7, 1996	3:00 pm - 4:00 pm
Thursday, October 17, 1996	3:00 pm - 4:00 pm
Friday, October 25, 1996	2:00 pm - 3:00 pm
Friday, November 8, 1996	2:00 pm - 3:00 pm
Monday, November 18, 1996	11:00 am - NOON
Wednesday, December 4, 1996	2:00 pm - 3:00 pm

Win & Web: MEDLINE Today

This 3 hours, hands-on class will focus on effective techniques for searching the Windows and Web versions of SilverPlatter MEDLINE. The course will also examine and evaluate "free" versions of MEDLINE on the World Wide Web. Instructor: Mary E. Youngkin; (801)581-5534; INTERNET: maryy@ecclab.med.utah.edu.

Tuesday, October 8, 1996	10:00 am - 1:00 pm
Monday, November 4, 1996	10:00 am - 1:00 pm

Basics of Searching MEDLINE on the NLM System

Participants learn the basics of searching MEDLINE online on the NLM system in this 8-hour, hands-on class, taught in two 4-hour segments. MeSH vocabulary and search strategy, as well as NLM online search protocols are included. $30 for U of U students, staff and faculty; $50 for all others. Contact the instructors to arrange for a class. Instructors: Mary E. Youngkin; (801)581-5534; INTERNET: maryy@ecclab.med.utah.edu, or Nina E. Dougherty, (801) 581-8771; INTERNET: nina.dougherty@m.cc.utah.edu

Grateful Med

Grateful Med is the National Library of Medicine's searching software for accessing the MEDLARS databases in either an IBM compatible or Macintosh environment. Contact the instructor to arrange for a class. Instructor: Kathleen M. McCloskey; (801) 585-5743; INTERNET: kmc@ecclab.med.utah.edu.

Communicating on the Internet

Internet communication tools allow you to communicate with people in the next room as easily as with people all over the world. This course examines the major Internet communication tools which include electronic mail, electronic discussion groups, and newsgroups. Participants get hands-on practice and can compare the features of the various tools. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu, or Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu.

Thursday, October 10, 1996	PC	9:30 am - 11:30 am

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

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Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

Finding Information on the Internet

Learn how to search for the information you need on the Internet using *Netscape*. This class explains how to navigate the Internet using *Netscape* and offers instruction and hands-on practice in how to use Internet directories, indexes, meta indexes and other Internet searching tools to find the Internet resources you need. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah. edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu or Joan M. Gregory (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu.

Friday, October 18, 1996 PC 9:30 am - NOON

Introduction to HTML

Learn how to create documents to be served over the World Wide Web using the HyperText Markup Language (HTML). This course will cover the basics of HTML coding as well as good document design practices. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis @ecclab.med.utah. edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab. med.utah.edu. or Joan M. Gregory (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu.

Thursday, November 21, 1996 PC 9:00 am - NOON

Advanced HTML

This hands-on workshop will cover several advanced HTML features including forms, tables, and imagemaps. Participants will practice using existing CGI scripts, such as CGIEMAIL, to receive input from forms. Prerequisite: Knowledge of basic HTML. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructor: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu

Friday, December 6, 1996 PC 9:00 am - 12:30 pm

Creating Multimedia for the Web

This hands-on workshop will cover methods for creating graphics, sound, and video for use on the World Wide Web. Learn how to scan and convert graphics into appropriate formats for the Web, how to decide when to use appropriate graphics formats for the desired purpose, how to deal with color palette issues on different platforms, and how to incorporate graphics into Web pages. Participants will also learn about appropriate audio and video file formats and methods, including the use of "streaming" audio and video and using various plug-ins for delivering audio and video. The workshop will be taught using the Windows platform. Participants may be expected to share a computer. Pre-requisite: Becoming a World Wide Web Information Provider (Introduction to HTML) or equivalent knowledge and experience. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu

Friday, December 13, 1996 PC 9:00 am - 12:30 pm

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

Sessions are FREE unless otherwise indicated.

Classes for which a fee is charged require payment in advance to reserve your place in the class.

Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

Creating Educational Presentations Using PowerPoint

Learn how to use PowerPoint 4.0 to create slide presentations on the computer. This course will cover basics of PowerPoint, good design practices, and techniques for using multimedia in your PowerPoint presentations. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Contact the instructors to arrange for a class. Instructors: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu. or Joan M. Gregory (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu.

Bibliographic Management

Learn to manage your reprint files and create properly formatted bibliographies for your publications using either Papyrus or EndNote. Instructor: Jeanne M. Le Ber; (801) 581-5534; INTERNET: jeannele@ecclab.med.utah.edu.

***EndNote* for the Macintosh**

Friday, November 15, 1996	2:00 pm - 4:00 pm
Friday, November 22, 1996	3:00 pm - 5:00 pm

***Papyrus* for the PC**

Friday, November 1, 1996	3:30 pm - 5:30 pm

Using the National Center for Health Statistics Data Tapes

The National Center for Health Statistics is a central source of health-related data in the U.S.A. Learn to access the NCHS data tapes at the University of Utah. Contact the instructor to arrange for a class. Instructor: Dr. Mike Lincoln; (801) 581-4080; INTERNET: mlincoln@med.utah.edu.

Medical Center/Small Computer Users Group

Location: Classroom B or C, School of Medicine Building OR History of Medicine Room, Eccles Library

MC/SCUG is an informal group of computer users who enjoy keeping informed about the latest developments in computer applications of all types. Monthly presentations focus on current topics of interest. No registration required. Coordinator: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu.

Wednesday, October 9, 1996	NOON - 1:00 pm	History of Medicine Room
Wednesday, November 6, 1996	NOON - 1:00 pm	Classroom C, SOM
Wednesday, December 4, 1996	NOON - 1:00 pm	Classroom C, SOM

Web Developers Group Meeting

Location: History of Medicine Room, Eccles Library

Web Developers is an informal group of faculty, staff and students who are interested in publishing on the World Wide Web to support education, research, and patient care. The purpose of the group is to share information in this rapidly changing field; all levels of expertise are welcome. The group will be moderated by Sharon Dennis, Nancy Lombardo and Joan Gregory of the Eccles Health Sciences Library.

Wednesday, October 23, 1996	NOON - 1:00 pm
Friday, November 22, 1996	NOON - 1:00 pm
Friday, December 20, 1996	NOON - 1:00 pm

ECCLES LIBRARY CLASSES

Descriptions and Schedules

InfoFair

InfoFair is an annual computer and information event that provides an opportunity for health professionals to obtain up-to-date information on computer applications, resources and services and a glimpse into the future of computers and information technology in the health sciences. InfoFair '97 is **tentatively** scheduled for Thursday, April 10, 1997. Coordinator: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu.

Thursday, April 10, 1997 9:30 am - 4:30 pm

MARRIOTT LIBRARY SHORT CLASSES

Fall 1996

Marriott Library offers short courses on the use of electronic databases (including Lexis/Nexis, FirstSearch, InfoTrac and many others), Internet tools and resources, and electronic sources in various subject areas. All classes are **FREE**. The Fall 1996 schedule is printed below but is also available via Marriott Library's web site **http://www.lib.utah.edu/instruction/fall96.html** Registration is required only for the Internet classes, which all include a hands-on component. To register, or for more information call: Kenning Arlitsch, Technology Instruction Librarian, Marriott Library, (801) 585-3721, INTERNET: karlitsc@library.utah.edu.

Magazine and Newspaper Indexes

Introduction to Electronic Searching (Focus is on Science and Engineering)
- October 15, 1996 (Tues.) 2:15 - 3:05 pm
- November 4, 1996 (Mon.) 1:10 - 2:00 pm

UNIS (Marriott's Online Catalog)
- October 8, 1996 (Tues.) 3:20 - 4:10 pm
- October 17, 1996 (Thurs.) 4:25 - 5:15 pm
- October 21, 1996 (Mon.) 11:00 - 11:50 am
- November 6, 1996 (Wed.) 9:55 - 10:45 am

What's New in Databases? (Introduction to Web-based databases at Marriott)
- October 24, 1996 (Thurs.) 12:05-12:55 pm
- November 11, 1996 (Mon.) 6:00-7:00 pm

InfoTrac CD-ROM Databases (Our most popular indexes)
- October 14, 1996 (Mon.) 12:05-12:55 pm
- October 22, 1996 (Tues.) 9:55-10:45 am
- November 4, 1996 (Mon.) 11:00-11:50 am

Social Sciences Medley (PsycLit, Sociofile, Social Work Abstracts, ERIC)
- October 24, 1996 (Thurs.) 9:55-10:45 am
- November 13, 1996 (Wed.) 3:20-4:10 pm

Lexis/Nexis (Huge full-text online database)
- October 15, 1996 (Tues.) 11:00-11:50 am
- November 6, 1996 (Wed.) 3:20-4:10 pm
- October 21, 1996 (Mon.) 12:05-12:55 pm
- November 14, 1996 (Thurs.) 6:00-7:00 pm

MARRIOTT LIBRARY SHORT CLASSES

Fall 1996

FirstSearch (Group of 16 online indexes)
October 16, 1996 (Wed.) 12:05-12:55 pm
November 5, 1996 (Tues.) 3:20-4:10 pm

Databases from Home (Databases you can use via modem)
October 23, 1996 (Wed.) 6:00-7:00 pm
November 4, 1996 (Mon.) 12:05-12:55 pm

Special Collections lecture/tour (A wealth of local and regional information)
October 15, 1996 (Tues.) 1:10-2:00 pm
November 20, 1996 (Wed.) 6:00-7:00 pm

Salt Lake City Newspapers (Salt Lake Tribune and Deseret News)
October 16, 1996 (Wed.) 2:15-3:05 pm
November 18, 1996 (Mon.) 3:20-4:10 pm

FirstSearch for Science & Engineering
October 15, 1996 (Tues.) 12:05-2:00 pm
November 6, 1996 (Wed.) 1:10-3:05 pm

Databases for Business (Periodical indexes)
October 28, 1996 (Mon.) 2:15-3:05 pm
November 21, 1996 (Thurs.) 9:55-10:45 am

Advanced Databases - Physical Sciences & Engineering (Inspec, Compendex, Chemical Abstracts)
October 21, 1996 (Mon.) 2:15-4:10 pm
November 19, 1996 (Tues.) 12:05-2:00 pm

Advanced Databases for the Life Sciences (Cambridge Life Sciences, BIOSIS, Medline)
October 23, 1996 (Wed.) 1:10-3:05 pm
November 20, 1996 (Wed.) 3:20-5:00 pm

Internet Topics

All Marriott Library Internet classes are hands-on. Registration is required for the hands-on component of the class since only 15 computers are available. All Internet classes except HTML have lecture portions. If you don't register you may still attend the lecture. You may also double up on a computer with a friend, but you must arrange this prior to the class.

Except for the HTML classes (which will meet directly in the lab), classes meet in Room 462 for a 45-60 minute lecture. Following the lecture the class will move to the 3rd floor PC lab in the Marriott Library Microcomputer Center (MLMC), where we will spend the second hour gaining hands-on experience with the topic we have just discussed.

Introduction to the Internet (Overview of the different parts of the Internet)
October 15, 1996 (Tues.) 6:00-8:00 pm

MARRIOTT LIBRARY SHORT CLASSES

Fall 1996

October 17, 1996 (Thurs.)	9:55-11:50 am
October 23, 1996 (Wed.)	4:10-5:45 pm
November 5, 1996 (Tues.)	12:05-2:00 pm

Web Search Engines (Finding information on the Web)

October 21, 1996 (Mon.)	2:15-4:10 pm
October 31, 1996 (Thurs.)	9:55-11:50 am
November 12, 1996 (Tues.)	6:00-8:00 pm
November 20, 1996 (Wed.)	1:10-3:05 pm

Educational Resources on the Web

October 28, 1996 (Mon.)	9:55-11:50 am
November 7, 1996 (Thurs.)	6:00-8:00 pm

FTP and Archie (Finding and downloading files)

October 24, 1996 (Thurs.)	3:20-5:05 pm
November 13, 1996 (Wed.)	11:00-12:55 am

HTML (Publishing on the Web)

October 29, 1996 (Tues.)	12:05-2:00 pm
November 12, 1996 (Tues.)	9:55-11:50 am
November 18, 1996 (Mon.)	6:00-8:00 pm

UUCC INTERNET SEMINARS

Fall 1996

The University of Utah Computer Center offers **FREE** Internet Seminars for students, faculty and staff of the University of Utah. No preregistration is required, but seating is limited. Information is not specific to any particular platform, unless indicated. Each seminar includes a lecture on the indicated topic, followed by hands-on experience and/or questions on any topic. All Internet Seminars begin in 3465 MEB unless otherwise indicated. For further information, contact the Computer Center Help Line (801) 585-HELP or check for the fall schedule information which will soon be available at **http://nb.cc.utah.edu/short/seminars.html**.

UUCC SHORT COURSES

Fall 1996

The University of Utah Computer Center (UUCC) offers a variety of short courses. Register **IN PERSON** at the facility where the course is scheduled to be taught. Courses are free to registered students. A fee of $15 per course is charged for staff, faculty and their spouses. The fee for non-University of Utah participants is $50 per session. Courses are offered at the Computer Center (801) 581-6802, Marriott Library (801) 581-6494, and the Spencer S. Eccles Health Sciences Library (801) 581-8052. Courses may be cancelled unless there are at least 5 people registered 2 hours before class time or if there are fewer than 5 in attendance at class time. For further information, contact the Computer Center Help Line (801) 585-HELP or check for the fall schedule information which will soon be available at **http://nb.cc.utah.edu/short/short.html**.

QUICK FACT

Did you know that the University of Utah Computer Center has an ftp server that mirrors other sites (such as Netscape Communications Corp. and Qualcomm) where you can get the current version of software (such as *Netscape* and *Eudora*) without having to endure the long waits that you might experience when new software versions are made available? Check out: **ftp://ftp.cc.utah.edu/pub**

LIBRARY SERVICES NEWS

Accessing Eccles Library Servers and Services

Information about services available from the Spencer S. Eccles Health Sciences Library can be found through the Library's World Wide Web (WWW) server. Access to the Library's collection is provided via telnet. The various Internet clients used in the Library's Internet classes are made available via our FTP server. Internet addresses for these access points are listed below:

ECCLES LIBRARY WWW SERVER

http://www-medlib.med.utah.edu/

ECCLES LIBRARY ONLINE CATALOG VIA TELNET

telnet://library.med.utah.edu
login: guest

ECCLES LIBRARY FTP SERVER

ftp://medlib.med.utah.edu/library
login: anonymous
password: your email address

MC/SCUG LISTSERV (for special announcements, schedules of Eccles Library classes and special events throughout the year)

to subscribe, send an email message to:
listserv@ecclab.med.utah.edu

The text of the message you send should include ONLY the following words: **subscribe MCSCUG**

SERVICES

Library hours	http://www-medlib.med.utah.edu/general/hours.html
Renewal of books	renew@ecclab.med.utah.edu OR http://www-medlib.med.utah.edu/renew/renew.html
Interlibrary Loan/ Document Delivery	http://www-medlib.med.utah.edu/ILL/ill.html

In addition to these electronic services, assistance may be found in person, by phone. These are some of the useful Eccles Library phone numbers:

General Information:	(801) 581-8771	Interlibrary Loan:	(801) 581-5282
Circulation Desk:	(801) 581-8772	FAX:	(801) 581-3632
Computer & Media:	(801) 581-8052	Reference Desk:	(801) 581-5534

Assistance with Eccles Library online catalog client software (*Horizon*) or Internet client software (e.g., *Eudora, Fetch, Netscape*), is available by calling the Reference Desk.

LIBRARY SERVICES NEWS

Eccles Library Hours

Fall Quarter 1996

The Spencer S. Eccles Health Sciences Library Fall Quarter hours from September 23, 1996 to December 3, 1996 are:

Monday through Thursday	7:00 am - 11:00 pm
Friday	7:00 am - 8:00 pm
Saturday	9:00 am - 8:00 pm
Sunday	11:00 am - 11:00 pm

Special Fall Quarter hours are:

Veterans Day, Monday, November 11, 1996	7:00 am - 11:00 pm
Thanksgiving, Thursday, November 28, 1996	Closed
Friday, November 29, 1996	8:00 am - 5:00 pm

Fall Quarter extended hours, December 4-11, 1996 are:

Wednesday, December 4, 1996	7:00 am - Midnight
Thursday, December 5, 1996	7:00 am - Midnight
Friday, December 6, 1996	7:00 am - 11:00 pm
Saturday, December 7, 1996	9:00 am - 11:00 pm
Sunday, December 8, 1996	11:00 am - Midnight
Monday, December 9 - Wednesday December 11, 1996	7:00 am - Midnight
Thursday, December 12, 1996	7:00 am - 11 :00 pm

There are three ways to check current library hours:

1. recorded phone message at (801) 581-8773. Press 1 for library hours. The recorded message is updated with holiday, extended, reduced or special hours when appropriate.
2. electronically via the library's web page (http://www-medlib.med.utah.edu/general/hours.html
3. hours are posted at the front entrance to the library

LIBRARY SERVICES NEWS

Place Your Own Searches and Holds via the Horizon Online Catalog

Searches and holds may now be requested via the Horizon online catalog. A search request is placed when the online catalog indicates an item is available but you cannot locate the item on the shelf. A hold request is placed when the online catalog indicates the item you want is checked out and due at a future date. Follow these steps in placing a search or hold:

1. Find the item via the Horizon online catalog. Click the "Show Copies" button and highlight the copy you want to request.

2. Click the "Make Request " button and enter your patron barcode number in the dialog box. Your patron barcode number is the number on the back of your university id card that begins with 21114. (Use the word "Search" if your patron barcode number is not in the system.)

3. Select the "THIS COPY ONLY" check box. This is very important!

4. In the comment box be sure to include:
   Your name
   Your email address or phone number
   Date needed by

5. Click the "OK" button to send your search or hold request. You will be notified when the item is found or the checked out item is returned.

LIBRARY SERVICES NEWS

New Ways to Renew Library Materials

There are three ways to renew materials checked out from the Spencer S. Eccles Health Sciences Library:

1. E-mail: to renew by e-mail, send your name, social security number, patron barcode number (on the back of your university id card or library card), and your e-mail address or phone number to renew@ecclab.med.utah.edu

2. World Wide Web: fill out the renewal form on the World Wide Web at http://www-medlib.med.utah.edu/renew/renew.html

3. Phone mail: call (801) 581-8773 and select option 2. Leave a message with the information requested.

OUTREACH SERVICES

Grateful Med Phone Number Change

by Kathleen M. McCloskey, Librarian, Outreach Services, Spencer S. Eccles Health Sciences Library

If you have not used your *Grateful Med* software in a while and are not able to connect to the National Library of Medicine (NLM), a change in the phone number may solve the problem. The November-December 1995 *NLM Technical Bulletin* announced that "non-Internet telecommunications access to NLM's databases will soon be provided exclusively by the FTS2000 network." Access to NLM is only available through the FTS2000 number, 800-525-0216. This phone number change was mandated by the federal government.

If you have entered the FTS2000 phone number in the *Grateful Med* communications setup dialog box and still cannot connect, then the problem could be with the version of *Grateful Med* that you are using. If you are using version 6.5 or 6.6 and you purchased your software through the Rural Medical Library Outreach Program OR if you are connecting to NLM, but have not received the 6.7 update dated February 1996, please contact Kathleen McCloskey at (801) 585-5743 or via email at kmc@ecclab.med.utah.edu.

As another academic year begins at the University of Utah Health Sciences Center, keep in mind that the Rural Medical Library Outreach Program is a service of the Spencer S. Eccles Health Sciences Library. If you live in a rural area and would like to purchase a modem (14,400) and *Grateful Med/Loansome Doc* software, you may do so at half price. Onsite visits to your health care facility for training and set up are covered as well.

If you have questions about searching via *Grateful Med*, or questions about information access in general, please don't hesitate to send those questions in and they will be answered in this column each month. All questions regarding information access apply, so please send them to: Kathleen M. McCloskey, Outreach Services, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. PHONE: (801) 585-5743. FAX: (801) 581-3632. INTERNET: kmc@ecclab.med.utah.edu.

COMPUTER FAIR '96

Connecting You, the U and the World

October 14-15, 1996

10:00 am to 5:00 pm

University Student Union

University of Utah
Computer Fair '96

Connecting You, the U and the World

October 14th and 15th, 1996
10:00 am to 5:00 pm

University Student Union

Activities

- Open house featuring commercial vendors with information on the newest technology
- Demonstrations on accessing University resources by campus departments
- Informative presentations and workshops for all levels of computer experience
- Drawings for prizes and product give-aways
- Help desk assistance with your computer problems
- Advice from Bookstore computer repair experts
- Sign up for e-mail accounts
- Learn about all of the other things you can do with the Internet...

Presentations

- How to get on line: Mac, Win 3.1 and Win95
- Plugged in and Dialed up: What next?
- Create your own Web home page
- The Net: History and Introduction
- Your e-mail is at the office, and you are not...
- How you can effectively integrate technology in the classroom
- How to buy a computer

On-Campus Sponsors

- University of Utah Computer Center
- University Bookstore
- Telecommunications
- Administrative Computing Services

Off-Campus Sponsors

- Apple
- Claris
- SISNA
- US West

For More Information

- Send e-mail to the Computer Fair Coordinator: victoria@ute.cc.utah.edu
- Refer to the Computer Fair Web site: http://www.cc.utah.edu/connect.html

LIBRARY SERVICES NEWS

Electronic Journals Accessible via Eccles Library Web Site

The Spencer S. Eccles Health Sciences Library is making electronic journals available via our web site (**http://www-medlib.med.utah.edu/database/ejournal.html**) as part of an effort to evaluate the use of electronic resources: *Biochemistry, Journal of Biological Chemistry, Journal of Molecular Chemistry* and *Environmental Science and Technology* .

As part of this project, we are INTERESTED in YOUR FEEDBACK. Please take a look at these electronic journals. Let us know via the feedback forms (see form for *Biochemistry* below) whether or not you find these resources useful. We are interested in hearing BOTH positive and negative experiences. Let us know if providing information in this format meets your needs. Also, let us know if there are other electronic publications which you would like to be able to access in this way.

Electronic Journals

The Spencer S. Eccles Health Sciences Library subscribes to the electronic journals listed below.

We're looking for your feedback! After you have accessed the online journals listed below, please let us know whether you find these resources useful. If you have had frustrating experiences with wait times, printing, downloading, etc., we'd like to know about that too. Fill out one of the forms below or send us e-mail. Thank you!

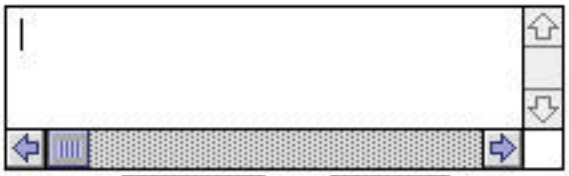
Biochemistry

The online version of Biochemistry is currently available free of charge.

How useful is the online Biochemistry?

◯ Vital ◯ Useful ◯ Not Useful

Comments: (please provide your name and e-mail address if you would like a reply)



Submit Reset

Deadline and Mailing List

The purpose of the *IAIMS Newsletter* is to keep the campus community informed on all aspects of computer and information technology as well as on the services provided by the Spencer S. Eccles Health Sciences Library. Articles on computer and information technology events, applications, services, education, etc. are welcome. To contribute articles to the *IAIMS Newsletter*, contact Joan M. Gregory, Editor, *IAIMS Newsletter*, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. VOICE: (801) 581-5269. FAX: (801) 581-3632. INTERNET: joang@ecclab. med.utah.edu.

The deadline for the November 1996 issue of the *IAIMS Newsletter* is: October 15, 1996.

To be added to the electronic distribution list for the *IAIMS Newsletter,* send an email message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe IAIMS**

To be added to the printed newsletter mailing list, send the following information to: Joan M. Gregory, Editor, *IAIMS Newsletter*, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. VOICE: (801)581-5269. FAX: (801)581-3632. INTERNET: joang@ecclab.med.utah.edu.

***IAIMS NEWSLETTER* MAILING LIST**

Please add my address to the printed *IAIMS Newsletter* Mailing List.

Name: _____

University of Utah Department: _____

University of Utah Campus Address: _____

Company/Institution: _____

Address: _____

_____

City: _____

State/Zip Code: _____

_____

Spencer S. Eccles Health Sciences Library
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Salt Lake City, Utah 84112

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IAIMS NEWSLETTER

A quarterly publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Spring 1998 *Volume 13 Number 3* *InfoFair '98 Supplement*

InfoFair '98

EVIDENCE-BASED HEALTH CARE

THURSDAY, APRIL 30, 1998

presented by
The University of Utah Spencer S. Eccles Health Sciences Library

sponsored by
The University of Utah Health Sciences Center

INFOFAIR is an annual event at the University of Utah Health Sciences Center with the goal of providing up-to-date information on computer applications, resources and services as well as a glimpse into the future of computers and computing in the health sciences.

The theme of InfoFair '98 is: Evidence-Based Health Care. R. Brian Haynes, M.D., Ph.D., Professor of Clinical Epidemiology and Medicine, and Chief, Health Information Research Unit, Faculty of Health Sciences, McMaster University, Ontario, Canada will present The Clifford C. Snyder and Mary Snyder Lecture on the morning of InfoFair '98. His presentation titled: *Evidence-Based Health Care: Then and Now ... and Soon* will explore the nature of the gap between health research and practice, the current challenges, and the future opportunities for better, evidence-based health care, emphasizing the role of information science.

The "Meet the Experts Panel Discussion" will feature panelists who will join Dr. Haynes in discussing the opportunities and the challenges of practicing and teaching evidence-based health care in Utah.

The afternoon presentations at InfoFair '98 will offer additional presentations focused on keeping up with the health care literature, incorporating evidence-based health care into your clinical practice and teaching health care professionals evidence-based health care skills. New this year at InfoFair will be the Electronic Resources Fair which will focus on access to full-text journals, databases, and services via the Web.

InfoFair '98 virtual exhibits are reachable via the InfoFair '98 Web site: **http://medlib.med.utah.edu /infofair/** with links to evidence-based health care resources, database services, computer hardware and software vendors, and University of Utah services and applications.

InfoFair '98 Coordinator

Joan M. Gregory, M.L.S.
Associate Librarian, Technical Services, Spencer S. Eccles Health Sciences Library, University of Utah

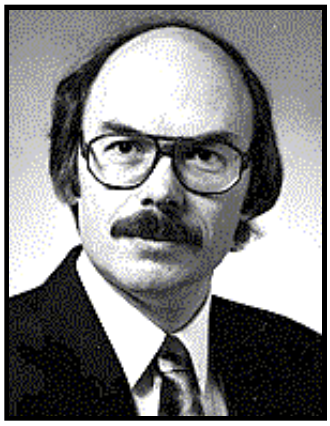
Joan M. Gregory received her Masters of Library Science from the University of Rhode Island in 1976 and is a Distinguished Member of the Academy of Health Information Professionals. Joan has coordinated InfoFair since 1988, manages the Library's integrated library system and technical services area and is currently working with all the academic libraries in Utah to implement the Ameritech Horizon integrated library system.

The Clifford C. Snyder, M.D. and Mary Snyder Lectureship

Dr. Clifford C. Snyder, Professor of Surgery, founded the Division of Plastic and Reconstructive Surgery at the University of Utah School of Medicine in 1967 and served as chair of that division until 1985 when he was appointed Professor Emeritus of Surgery and Associate Dean of the School of Medicine. Throughout his career, Dr. Snyder has been an ardent supporter of the library. Dr. Snyder's endowment of The Clifford C. Snyder, M.D. and Mary Snyder Lectureship provides funding for the featured presentation at InfoFair.

The Clifford C. Snyder, M.D. and Mary Snyder Lecturer

R. Brian Haynes, M.D., Ph.D., FRCPC, FACP, FACMI
Professor of Clinical Epidemiology and Medicine and Chief, Health Information Research Unit, McMaster University Medical Centre, Hamilton, Ontario, Canada



Brian Haynes is a physician (with special interests in diabetes, hypertension and atherosclerosis) and a clinical epidemiologist whose main research activities are in medical informatics, especially in the retrieval, summarization, dissemination and implementation of validated health care knowledge to support evidence-based health care. Current work involves: the Health Information Research Unit, McMaster University (HIRU), an informatics research group focusing on developing and testing ways to improve the dissemination and application of sound health care research in clinical practice; the production of periodical publications including *ACP Journal Club* and *Evidence-Based Medicine*, *Evidence-Based Nursing*, *Evidence-Based Mental Health*, and their electronic database, Best Evidence; the Canadian Cochrane Centre, part of the Cochrane Collaboration, a worldwide effort to summarize all relevant trials of health care interventions; the 'Clinical Theme' of the Health Evidence Application and Linkage Network (HEAL*Net), a research program to develop health information tools and resources sponsored by the Canadian federal research funding agencies; randomized trials of various health care interventions, including carotid endarterectomy and dietary interventions to reduce cardiovascular risk; and teaching of evidence-based health care.

The Clifford C. Snyder, M.D. and Mary Snyder Lecture Abstract

Evidence-Based Health Care: Then and Now ... and Soon

The term "evidence-based medicine" was coined in 1993, but its evolution can be traced to the aftermath of World War II, when public funds were channeled into biomedical research. With an annual worldwide, public and private investment of over $50 billion, this enterprise is producing many better ways of preventing and treating acute and chronic diseases. Unfortunately, the health care system is ill-equipped to embrace these advances, and the gap between what could be done and what is done for health care problems continues to widen. This presentation will explore the nature of the gap between health research and practice, the current challenges, and the future opportunities for better, evidence-based health care, emphasizing the role of information science.

INFOFAIR '98 PROGRAM

THE CLIFFORD C. SNYDER, M.D. AND MARY SNYDER LECTURE AND PANEL DISCUSSION

Location: George and Dolores Eccles Institute of Human Genetics Auditorium

9:30-10:45 AM **Introduction** *Wayne J. Peay*

Evidence-Based Health Care: Then and Now ... and Soon *R. Brian Haynes, M.D., Ph.D.*

10:45-11:00 AM **Refreshments**

11:00 AM-NOON **Meet the Experts Panel: Evidence-Based Health Care in Utah**
Moderator: *Wayne J. Peay, M.S.* ***Panelists:*** *Byron D. Bair, M.D.; Grant W. Cannon, M.D.; A. Peter Catinella, M.D.; Joseph G. Cramer, M.D.; Reed M. Gardner, Ph.D.; R. Brian Haynes, M.D., Ph.D.; Linda L. Lange, M.S., Ed.D., R.N.; Arthur G. Lipman, Pharm.D.*

LUNCH (on your own)

ELECTRONIC RESOURCES FAIR

Location: Reference Area, Spencer S. Eccles Health Sciences Library

NOON-1:30 PM **Electronic Resources Fair: Responding to Your Needs**

4:30-5:30 PM **Electronic Resources Fair: Responding to Your Needs**

AFTERNOON PRESENTATIONS

Location: George and Dolores Eccles Institute of Human Genetics Auditorium

1:30-2:20 PM **Incorporating Evidence-Based Health Care into Your Clinical Practice**
Joseph G. Cramer, M.D.; Marc H. Bennett, M.A.

2:30-3:20 PM **Keeping Up with the Health Care Literature**
Nancy T. Lombardo, M.L.S.; Kathleen M. McCloskey, M.L.S.

3:30-4:20 PM **How to Teach Evidence-Based Health Care: the Secrets of the Problem-Based, Self-Directed, Learner-Centered, "McMaster Model".**
R. Brian Haynes, M.D., Ph.D.

EXHIBITS

InfoFair '98 virtual exhibits are reachable via the InfoFair '98 Web site: **http://medlib.med.utah.edu/infofair/** with links to evidence-based health care resources, database services, computer hardware and software vendors, and University of Utah services and applications.

InfoFair Presenters and Panelists

Byron D. Bair, M.D.
Associate Clinical Director, Geriatric Research Education and Clinical Center, Director of Geriatric Medicine and Psychiatry Program, Medical Director of Longterm Care Rehabilitation and Geriatric Care Center, and Medical Director of Hospital Based Primary Care, Salt Lake City VA Medical Center; and Assistant Professor, Departments of Internal Medicine and Psychiatry, School of Medicine, University of Utah

Marc H. Bennett, M.A.
Chief Operating Officer, HealthInsight

Grant W. Cannon, M.D.
Associate Chief of Staff for Academic Affiliations, Salt Lake City VA Medical Center, and Professor, Department of Internal Medicine, School of Medicine, University of Utah

A. Peter Catinella, M.D., M.P.H.
Associate Professor and Vice Chairman for Clinical Services, Department of Family and Preventive Medicine, School of Medicine, University of Utah

Joseph G. Cramer, M.D.
President, Utah Medical Association

Reed M. Gardner, Ph.D.
Professor and Chair, Department of Medical Informatics, School of Medicine, University of Utah, and Co-Director, Medical Informatics, LDS Hospital

Linda L. Lange, M.S., Ed.D., R.N.
Director of Information Services, Division of Health Systems Improvement, Utah Department of Health, and Adjunct Assistant Professor, Department of Medical Informatics, School of Medicine, University of Utah

Arthur G. Lipman, Pharm.D.
Professor of Pharmacy Practice, College of Pharmacy, and Pain Management Center, University Hospitals and Clinics, University of Utah

Nancy T. Lombardo, M.L.S.
Systems Librarian, Spencer S. Eccles Health Sciences Library, University of Utah

Kathleen M. McCloskey, M.L.S.
Outreach Librarian, Spencer S. Eccles Health Sciences Library, University of Utah

Wayne J. Peay, M.S.
Director, Spencer S. Eccles Health Sciences Library, University of Utah

InfoFair Abstracts

Meet the Experts Panel: Evidence-Based Health Care in Utah

Local panelists will join Dr. Haynes in discussing the opportunities and the challenges of practicing and teaching evidence-based health care in Utah.

Electronic Resources Fair: Responding to Your Needs

Library staff will be available to answer your questions about access to electronic resources, including full-text journals, IAC/Pioneer, Horizon WebPac, WinSPIRS, PubMed, other citation databases, Web-based interlibrary loan requests, and much more. Learn how to print an article from the *Journal of Biological Chemistry* in PDF format from your office computer, download the SilverPlatter client, or initiate an interlibrary loan request from your Web browser.

Incorporating Evidence-Based Health Care into Your Clinical Practice

Implementing evidence-based health care in clinical practice settings depends on timely access to believable data about how ones own care delivery processes and outcomes compare to what is known to work best. Often, however, data feedback alone is not enough. Health care professionals and their staffs also need other kinds of information, training, and support in order to make changes that will close the identified gaps between science and practice. This presentation will use an American Medical Accreditation Program pilot project focused on the diagnosis and treatment of otitis media with effusion (and other relevant experience) to highlight effective strategies for introducing evidence-based practices throughout the health care community.

Keeping Up with the Health Care Literature

The Internet offers a variety of methods for keeping up with current health care literature and trends. This session will demonstrate techniques and strategies for identifying and managing online information resources including full text journal articles, journal clubs and databases. Learn how to easily update literature searches on topics most critical to your practice.

How to Teach Evidence-Based Health Care: the Secrets of the Problem-Based, Self-Directed, Learner-Centered, "McMaster Model"

The teaching of evidence-based health care should not take place in lectures (like this one!). How can teachers activate learners to "discover" the principles of evidence-based health care and apply them in real time and real life? All will be revealed in this interactive session.

Special Assistance Provided by:

The Staff and the Public Relations Team of the
Spencer S. Eccles Health Sciences Library
The George & Dolores Eccles Institute of Human Genetics
The University of Utah School of Medicine
Department of Medical Informatics
Office of Continuing Medical Education
The University of Utah Health Sciences Center
Office of Public Affairs
The Utah Medical Association

Program Committee

R. Brian Haynes, M.D., Ph.D.
Joseph G. Cramer, M.D.
Reed M. Gardner, Ph.D.
Joan M. Gregory, M.L.S.
Kathleen M. McCloskey, M.L.S.
Wayne J. Peay, M.S.

Coordinators

Christopher R. Anderson, Financial Coordinator
Patricia Y. Arter, Chair, Public Relations Team
Niloofar Bakhti, Facilitators Coordinator
Faye K. Hadley, Hospitality Coordinator
Jeanne M. Le Ber, Electronic Resources Fair Coordinator
Nancy E. Litz, Equipment Coordinator
Kathleen M. McCloskey, Continuing Education Coordinator
Wayne J. Peay, The Clifford C. Snyder, M.D. and Mary Snyder Lectureship Coordinator

Accreditation

The University of Utah School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

The University of Utah School of Medicine designates this continuing medical education activity for a maximum of 5.5 hours in Category 2 of the Physician's Recognition Award of the American Medical Association. Each physician should claim only those hours of credit that s/he actually spent in the educational activity.

Directions

The Spencer S. Eccles Health Sciences Library is located on the University of Utah Health Sciences Center Campus just south of the University Hospital/School of Medicine Building and northeast of the Nursing Building. The George and Dolores Eccles Institute of Human Genetics is located southeast of the Library. Signs on Wasatch Drive and North Medical Drive mark the route to the Spencer S. Eccles Health Sciences Library. A brochure on "Transportation to Eccles Library" is available by contacting the Reference Desk (801) 581-5534 or via the Web at: **http://medlib.med.utah.edu/infofair/trans.pdf**

Parking at the University is quite a challenge at times. Parking passes are available from the Parking Services Office located on the west side of Wasatch Drive. Come early as parking spaces fill up quickly! For a parking brochure or further information about parking at the University of Utah, contact Parking Services at (801) 581-6415. Parking Service Office hours are: 7:30 am - 5:00 pm Monday - Friday. The University Department of Parking and Transportation Services provides free shuttles across campus from 6:00 am to 6:00 pm Monday - Friday. Contact Shuttle Customer Service (801) 581-4189 for details. The Utah Transit Authority (UTA) serves the University of Utah with 21 direct routes including two express routes from Weber and Utah counties. Call UTA at (801) 287-4636 for details and schedule information.

Registration

InfoFair '98 is **FREE.**
REGISTRATION IS NOT REQUIRED.

Questions

If you have questions about InfoFair, please contact us:

Reference Department
Spencer S. Eccles Health Sciences Library
University of Utah, Building 589
Salt Lake City, UT 84112
PHONE: (801) 581-5534 or 581-5269 or 581-8771
FAX: (801) 581-3632
INTERNET: joang@lib.med.utah.edu
URL: http://medlib.med.utah.edu/infofair/

UNIVERSITY OF UTAH
ECCLES HEALTH SCIENCES LIBRARY
10 N 1900 E
SALT LAKE CITY UT 84112-5890

InfoFair '98

Evidence-Based Health Care

Thursday, April 30, 1998

Phone Numbers

Administration	801-581-8771
Hours	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4686
Computer & Media Services	801-581-8052
Duplication	801-581-5258
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-585-3031
Reference	801-581-5534
Slice of Life	801-585-2737
Technical Services	801-581-5266
Technical Support	801-581-3691

The ***IAIMS Newsletter*** is published quarterly (September, December, March, June) by: The Spencer S. Eccles Health Sciences Library at the University of Utah.
Editor: Jeanne Le Ber
Phone: 801-581-5534
Fax: 801-581-3632
Internet: jeannele@lib.med.utah.edu
URL: http://medlib.med.utah.edu/

IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Spring 2001 *Volume 16 Number 2*

Library and Information Technology Forum Spring Schedule

The Spencer S. Eccles Health Sciences Library sponsors a series of noontime seminars related to libraries and information technologies. The Library and Information Technology Forum is generally held the second Wednesday of the month in Classroom C in the School of Medicine from 12:05 until 1:00 P.M. Sessions provide an opportunity for faculty, staff and students to learn about new computer technologies and electronic information sources. See **http://medlib.med.utah.edu/eccles/lift.html/** for full program descriptions and a link to past Forums.

The January 17 LIFT Forum features Jason Lauman who is associated with EMERG (Electronic Medical Education Resource Group) at the Center for Advanced Medical Technologies. Jason will discuss *A Methodology for Annotating Digital Teaching File Images: Annotation, Storage and Reuse.* The Medical Image Annotation Tool (MIAT) currently being developed by EMERG is an effort to create a simple software tool that will allow physicians to quickly and expressively annotate their digital images for teaching and archiving. Jason will detail a set of requirements for creating these digital image files and the process for annotating them with symbols and text.

Forum Schedule; Classroom C from 12:05 to 1:00 P.M.

- January 17, 2001—Jason Lauman; *A Methodology for Annotating Digital Teaching File Images*
- February 14, 2001—Teri Olsen; *Interwoven and Health Sciences Center Web Issues*
- April 11, 2001—Stephen Hess, Senior VP for Academic Affairs; *TBA*
- May 9, 2001—TBA*; Conferencing Software*

Plans for InfoFair 2001 Under Way

The Spencer S. Eccles Health Sciences Library's nineteenth annual InfoFair is scheduled for Thursday, March 22. Daniel Masys, M.D., Director of Biomedical Informatics, University of California at San Diego, is the keynote speaker. Dr. Masys' talk, *Information Science for Genome-Enabled Research and Healthcare*, will review recent trends and challenges in the field of functional genomics and discuss the impact that computer and information technology will have on the coming era of molecular medicine. Following Dr. Masys' address, a "Meet the Experts" panel will respond to his remarks.

Two afternoon presentations will be held in the Eccles Library's History of Medicine Room. Renata Geer from the National Center for Biotechnology Information will provide an overview of medical information in the genomic era. She will highlight new types of information, databases and search systems. The second afternoon program features a panel discussion related to wireless networks issues. Nancy Lombardo, Eccles Library Systems Librarian will moderate the panel.

Color Copies Available

Color copy services are now available at the Spencer S. Eccles Health Sciences Library. The printer is located in the public service area between the Circulation and Reference departments. Payment option available for color copies include cash, copy card, and UCard. The cost is 80 cents per copy. For more information contact Niloofar Bakhti at 801-581-5258 or niloofar@lib.med.utah.edu.

In This Issue

Library & Information Technology Forum Schedule 1
Plans for InfoFair 2001 & Color Copies Available 1
Using MD Consult & Personnel Changes 2
What is NLM's Gateway? 2
Library Workshops and Classes 3
CINAHL Now Available on EBSCO*host* 3
Library Education Services 3
Full-text Government Sources 4
Tips for Searching the Web 5
Participating With the Health Sciences Academy 5
Wireless Network Available at Eccles Library 6
Libraries Computer Workstation Use Requirements 6
Introducing ... Dustin Whitney 7
Health Education Brochures Project Funded 7
IAIMS Newsletter Deadline & Mailing Lists 7
Spring Semester Library Hours and Phone Numbers 8

Using MD Consult

The Spencer S. Eccles Health Sciences Library has a subscription to MD Consult. Use is restricted to University of Utah students, staff and faculty via the following URL:
http://home.mdconsult.com/groups/eccles1146.html

New users can complete the one-time registration for user name and password using the Sign up NOW! link. It takes just a few minutes to register and establish your account—then you can use the University of Utah's computer network to access your account. If you established an account during the free trial (July 15 to October 15, 2000) your user name and password should work if you used a University of Utah email address that ends in **utah.edu** and are connected to the University's computer network. If during the trial period you used an email address that does not end in utah.edu, you will need to reregister. Be sure to logoff when finished using MD Consult as our subscription allows for a limited number of simultaneous users.

MD Consult is an excellent resource for health professionals to access from work or home. Users are impressed with the 24-hour Web access, the fact that it offers the current edition of 37 text books in addition to full-text journal articles from 45 peer-reviewed journals, online CME, drug information, practice guidelines, and news reports and more. This represents "over 140 trusted resources integrated into one service."

Send your comments and suggestions to Mary Youngkin at maryy@lib.med.utah.edu or 801-581-5534.

Personnel Changes

Amy Birks, Interlibrary Loans Specialist, returned from maternity leave October 17, 2000.

Nicola Gaedeke, Ph.D., visiting scholar from Germany, is assisting with molecular biology and genetics reference questions and resources. See Nicola's Web page at **http://medlib.med.utah.edu/reference/molbil.html**

Jennifer Bosgraaf Quilter, Clinical Library Manager, has left the library to return to being a full-time mom.

Liz Workman, MLIS, has transfered to the Hope Fox Eccles Clinical Library as Clinical Librarian.

What is NLM's Gateway?

The NLM Gateway is a web-based system that allows users to simultaneously search a number of retrieval systems at the National Library of Medicine for healthcare information. Essentially, Gateway provides one-stop searching "to the knowledge resources of the National Library of Medicine." Users employ one interface to search over half a dozen collections of data.

Currently, users can access information from the following collections:

AIDS Meetings
meeting abstracts related to AIDS/HIV that are not indexed with MeSH

AIDS Meetings with MeSH
meeting abstracts related to AIDS/HIV that are indexed with MeSH

HSRProj
project records for health services research, including health technology assessment and the development and use of clinical practice guidelines

LOCATORplus
NLM's online catalog; includes over 800,000 catalog records for books, audiovisuals, journals, computer files and other materials in the library's collection

MEDLINE/PubMed
contains over 11 million references to journal articles from 1966 to the present in the field of biomedicine

MEDLINEplus Drug Information
contains consumer health information; includes over 9,000 prescription and over-the-counter medications

MEDLINEplus Health Topics
contains consumer health information; includes over 400 health topics

OLDMEDLINE
contains biomedical journal citations from 1958 to 1965

Gateway is being developed by the Lister Hill National Center for Biomedical Communications at the National Library of Medicine, a part of the National Institutes of Health. It can be located at **http://gateway.nlm.nih.gov/gw/Cmd** Click on the **Help** and **FAQ** links for detailed information about entering search terms. Additional NLM retrieval systems will be added to Gateway in the future; resources to be added include DIRLINE, ClinicalTrials.gov and HSTAT.

Contact the Eccles Library Reference Desk at 801-581-5534 if you have questions about using NLM's Gateway.

Library Workshops and Classes

Classes with a fee (indicated by an asterisk) require pre-payment.

Tours and Orientations
To schedule call 801-581-5534

Searching MEDLINE on PubMed	Small PC Lab
Monday, January 22, 2001	2:30 P.M.-4:00 P.M.
Monday, January 29, 2001	2:30 P.M.-4:00 P.M.
Friday, February 2, 2001	1:00 P.M.-2:30 P.M.
Wednesday, February 7, 2001	1:00 P.M.-2:30 P.M.
Friday, February 23, 2001	2:30 P.M.-4:00 P.M.
Monday, March 5, 2001	2:30 P.M.-4:00 P.M.
Friday, March 16, 2001	1:00 P.M.-2:30 P.M.

***Advanced MEDLINE**
Contact instructor to arrange a date and time; Mary Youngkin, 801-581-5534 or email at maryy@lib.med.utah.edu

Bibliographic Management

EndNote 3 for Windows	Small PC Lab
Friday, January 19, 2001	3:00 P.M.-5:00 P.M.
Friday, February 16, 2001	3:00 P.M.-5:00 P.M.
Monday, March 26, 2001	2:00 P.M-4:00 P.M.
Monday, April 16, 2001	2:00 P.M.-4:00 P.M.

Reference Manager for Windows Small PC Lab
Contact instructor to arrange a date and time; Jeanne Le Ber, 801-585-6744 or email at jeannele@lib.med.utah.edu

Business Sources on the Web	Small PC Lab

Contact instructor to arrange a date and time; Liz Workman, 801-581-4686 or email at lworkman@lib.med.utah.edu

Consumer Health with EBSCOhost	Small PC Lab
Wednesday, February 21, 2001	2:00 P.M.-3:30 P.M.
Monday, March 12, 2001	1:00 P.M.-2:30 P.M.
Friday, April 6, 2001	12:05 P.M.-1:30 P.M.

Full Text Databases	Small PC Lab
Wednesday, January 31, 2001	1:00 P.M.-2:30 P.M.
Monday, February 26, 2001	1:00 P.M.-2:30 P.M.
Wednesday, March 14, 2001	3:00 P.M.-4:30 P.M.
Friday, April 20, 2001	3:00 P.M.-4:30 P.M.

***Beginning HTML**	Small PC Lab
Wednesday, February 7, 2001	2:00 P.M.-5:00 P.M.

***Intermediate HTML**	Small PC Lab
Friday, February 9, 2001	2:00 P.M.-5:00 P.M.

Presentations Using *PowerPoint*	Small PC Lab
Wednesday, January 24, 2001	2:00 P.M.-4:00 P.M.
Thursday, February 8, 2001	2:00 P.M.-4:00 P.M.
Monday, February 12, 2001	2:00 P.M.-4:00 P.M.
Wednesday, March 7, 2001	3:00 P.M.-5:00 P.M.
Monday, April 9, 2001	2:00 P.M.-4:00 P.M.

Advanced PowerPoint Techniques	Small PC Lab
Wednesday, February 28, 2001	3:00 P.M.-5:00 P.M.
Wednesday, March 28, 2001	3:00 P.M.-5:00 P.M.
Wednesday, April 25, 2001	12:05 P.M.-2:00 P.M.

Scanning with Adobe Photoshop	Small PC Lab
Friday, January 26, 2001	3:00 P.M.-5:00 P.M.
Wednesday, February 14, 2001	3:00 P.M.-5:00 P.M.
Monday, March 19, 2001	12:05 P.M.-2:00 P.M.
Wednesday, April 18, 2001	3:00 P.M.-5:00 P.M.

SciFinder	Small PC Lab
Wednesday, March 14, 2001	1:00 P.M.-2:30 P.M.
Friday, March 30, 2001	12:05 P.M.-1:30 P.M.
Wednesday, April 18, 2001	1:00 P.M.-2:30 P.M.

Specialized Databases for the Health Professional Small PC Lab
Contact instructor to arrange a date and time; Liz Workman, 801-581-4686 or email at lworkman@lib.med.utah.edu

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. For more information, class descriptions, instructor phone number, email address, and registration form, see the Eccles Library Web page at **http://medlib.med.utah.edu/education/workshop.html**—or, please call 801-581-5534 or 801-585-6744.

*CINAHL Now Available on EBSCO*host

The search interface for CINAHL (Cumulative Index to Nursing and Allied Health Literature) has changed to EBSCO*host*. The database is now available at **http://search.epnet.com/login.asp?return=y&user=s9010331&password=trial**

Library Education Services

University of Utah faculty who would like to incorporate the use of online databases and electronic resources into their class assignments can contact the Spencer S. Eccles Health Sciences Library's Education Services department. Our specific focus is health sciences resources. Library faculty provide instruction in the use of the catalog, databases (AGELINE, CINAHL, MEDLINE, SciFinder, SportDiscus, etc.), online resources (electronic journals and textbooks, and websites) software programs (presentation software such as PowerPoint, bibliographic management software such as EndNote), HTML basics, scanning with Adobe Photoshop and much more.

Please contact Jeanne Le Ber at 801-585-6744 or jeannele@lib.med.utah.edu for more information or to arrange for instruction opportunities.

Full-text Government Sources

Liz Workman, Clinical Librarian, Hope Fox Eccles Clinical Library

The advent of the World Wide Web in the 1990's gave birth to several Internet sites that indexed government-generated materials. Many of these sites only provided bibliographic information, or were commercial in nature, offering full items for purchase only. In addition to NTIS (National Technology Information Services) and other sites that offer to sell the full-text of an item to Internet users, there are now several sites that provide immediate full-text access free of charge. The following websites are just a few of the free resources available on the Web. Material on these sites is textual and graphic in nature.

Federal Government Websites

Community Health Status Indicators Project
http://www.communityhealth.hrsa.gov
Find health status and general demographic data for all counties within the United States, in addition to a list of comparable counties for each area. Search by county or by population variables. Each report is available in PDF format. The U.S. Department of Health and Human Service's Health Resources and Services Administration sponsors this website.

DOE Information Bridge
http://www.osti.gov/bridge
This site provides access to full-text and bibliographic records of Department of Energy (DOE) research and development reports in physics, chemistry, materials, biology, environmental sciences, energy technologies, engineering, computer and information science, renewable energy, and other topics.

Environmental Protection Agency Technical Reports
http://www.epa.gov/epahome/search.html
This site allows for browsing by topic or searching by keyword; includes over 7,000 documents.

NASA Technical Reports Server
http://techreports.larc.nasa.gov/cgi-bin/NTRS
Find both full-text and bibliographic records. This utility searches the many different abstract and technical report servers maintained by various NASA centers and programs.

Oak Ridge National Laboratory Distributed Active Archive Center (DAAC)
http://www-eosdis.ornl.gov/
"A source for biogeochemical and ecological data useful for studying environmental processes. These data have been collected on the ground, from aircraft, or by satellite, or have been generated by computer models." This incredible site allows the creation of data sets on anything from global climate conditions to vegetation. Although there is an option to order data, this utility allows the documents to be viewed. Free registration is required to view data. You can find other Oak Ridge utilities at *http://research.esd.ornl.gov/*

STINET (Scientific and Technical Information Network)
http://stinet.dtic.mil
This huge database is provided by the Defense Technical Information Center (Department of Defense). Much of its content is unclassified and therefore open to the general public. Click on Search Scientific & Technical Documents and search among the full-text collection. Click Fielded Search and then Go to Query Form for an interface that accommodates very precise searching. Even though the database is maintained by the DoD, its scope reaches beyond the military, and includes health-oriented reports.

International Website

WHO Statistical Information System (WHOSIS)
http://www.who.int/whosis
This site provides statistically-oriented reports on many topics. Many of the reports are available in PDF or spreadsheet format. Site is sponsored by the World Health Organization.

Meta Websites

GrayLit Network
http://www.osti.gov/graylit
GrayLit Network provides access to reports from the Environmental Protection Agency (EPA), National Aeronautics and Space Administration (NASA), Department of Energy (DoE), and the Department of Defense (DoD) through one search interface. Click Search the Literature and choose the collection(s) to search. GrayLit was developed by the Department of Energy's Office of Scientific and Technical Information (OSTI), in collaboration with the agencies cited above.

Uncle Sam Migrating Government Publications
http://www.lib.memphis.edu/gpo/mig.htm
This site provides access to government documents that have been converted to digital format. It is organized by agency and by document title. Site is provided by the University of Memphis.

WashLaw Web's Index to Government Periodicals
http://198.252.9.108/home/govper.html
This project provides access to full-text articles in many federal government publications. Search by subject, title, or Sudoc number.

Related Website

Virtual Technical Reports Center
http://www.lib.umd.edu/UMCP/ENGIN/TechReports/Virtual-TechReports.html
The Virtual Technical Reports Center is a gateway to full-text and bibliographic materials. This site contains links to technical reports, preprints, reprints, dissertations, theses, and research reports. By selecting N you can review many direct links to national resources that provide report data. This service is provided by University of Maryland Libraries.

Tips for Searching the Web

Mary McFarland, Reference Associate
Spencer S. Eccles Health Sciences Library

Search engines are designed to find websites using key words. Search engines query multitudes of Web pages and find sites that contain the words you input. Many search engines also allow you to select a topic (like Business or Health or News) and either browse or search that topic. Because of the magnitude of the Web, finding the site you want can be tedious. So, where to start? Two search engines to consider using are AltaVista and Google.

AltaVista
http://www.altavista.com or *http://www.av.com*
The top three reasons for using AltaVista include:

- It can translate pages into or from another language
- It offers a "Multimedia Search" to find images, MP3/Audio or video
- It offers subject choices for searching; for example Business, Education, Entertainment, Government

In addition to the default basic search of the Web, a *Power Search* or *Advanced Search* is available for greater refinement of the query. Both the Power and the Advanced Search display a form. Fill in the options to limit your search by language, geographic location, specific element of a website (title, URL, text, etc.). In general, it helps to capitalize Boolean connectors - AND, OR, NOT, NEAR and to include phrases in quotation marks. For example: **"breast cancer" AND (tamoxifen OR taxol)**.

Google
http://www.google.com or *http://google*
Google is an excellent choice to find relevant sites quickly. Its unique page ranking and word proximity searching dramatically improve search results. In the search results listing, Google displays an excerpt of the text in which your search terms appear. Reading the excerpt before you click can save time. To find sites even faster, try using Google's *I'm Feeling Lucky* button—especially when searching for company or organizations' websites. *I'm Feeling Lucky* displays the one site Google designates most relevant. Make Google a top choice when searching the Web.

Remember, no one search engine queries the entire Web. If you don't find what you're looking for with one search engine, try another.

Participating With the Health Sciences Academy

The Health Sciences Academy is an exciting program that introduces health sciences careers to high school students from underrepresented populations. The program is sponsored by the Office of Ethnic Minority Affairs at the University of Utah Health Sciences Center.

During six Saturday morning sessions held October 2000 through February 2001, high school students have the opportunity to participate in hands-on activities and learn about the educational path leading to careers in health professions. Students carry out genetic tests, examine human lungs, practice putting on casts and much more.

This year, Spencer S. Eccles Health Sciences Library faculty and student assistants worked with College of Nursing faculty and students to develop and present an interesting series of four mini-workshops on Saturday, December 2, 2000. The workshops focused on cancer prevention and early detection.

Two of the workshops were held at the Eccles Library. During one library session, participants performed a web-based assessment of their risk for skin cancer, experienced the role mass media plays in influencing health behaviors and then created an advertisement on cancer prevention and detection. Creating the poster was fun and engaged students in promoting healthy lifestyles. During the second session, students were given a set of questions, divided into small groups to search the online literature for an answer, and then gave a one-minute report with the answers. One student's question related to the importance of using sunscreen. Not readily finding an answer in the journal literature, she asked if she could tell the group the answer from her "own experience." Her question provided an opportunity to promote the importance of searching the literature for current best evidence when making decisions about the care of patients.

At the closing session, the student posters were judged and awarded prizes for originality and presentation.

Mary Beth Simiele and Deborah Hile talk with a Health Sciences Academy participant at the initial session on October 21, 2000

Wireless Network Available at Eccles Library

The Spencer S. Eccles Health Sciences Library now offers wireless network access to the Internet. This provides access to the majority of library services, as well as email, the Web, and all other IP services. To take advantage of the wireless network, you need a laptop with a PCMCI slot for a network card.

There is a one-time installation of appropriate software to run the wireless network card. After the software is installed, the wireless card may be checked out at the library any time you wish to connect. The range of the wireless network will cover the entire library, and even the front steps!

Ask at the Reference desk, or contact Nancy T. Lombardo (801-581-5241, nancyl@lib.med.utah.edu) for instructions or assistance with installing the wireless network card.

University of Utah Libraries Computer Workstation Use Requirements

The University of Utah Libraries support the teaching, research and learning mission of the University of Utah by providing open access to the broadest possible range of ideas, opinions and knowledge. The First Amendment of the U.S. Constitution, the American Library Association Library Bill of Rights and the university's principles of academic freedom provide the foundation for building research library collections, offering services and promoting access to materials.

- The University of Utah makes available information resources which may be used by University students, faculty, staff and others. The University of Utah Information Resources Policy (PPM1-15) states that these resources are intended to be used for educational purposes and the legitimate business of the University and in a manner consistent with the public trust. Appropriate use of the resources includes instruction, independent study, continuing education, authorized research, independent research and the official work of the offices, departments, recognized student and campus organizations of the University.

- The libraries endorse and promote intellectual and academic freedom principles and do not restrict access to information. These important freedoms come with important responsibilities. Users of library computer workstations should be aware that some information resources, including World Wide Web sites, could be offensive to other library users. Be considerate of those around you when viewing materials in public computer areas. While you generally have the right to look at whatever you choose to view, this right is limited by the rights of others to work in a setting free of intimidation, harassment or hostility.

- The libraries' computer workstations may not be used for commercial purposes.

- Users must be considerate in their use of shared resources and refrain from monopolizing equipment. During peak times users may be asked to avoid using university resources for game playing, entertainment or personal use.

- Users may not make changes to computer settings or configurations and may not add or delete software.

- Parents are responsible for determining whether content of electronic resources is appropriate for children and youth, for controlling their use of these resources, and for their children's safety and behavior in the libraries.

- Users should refrain from unreasonably disruptive behavior that affects others use and enjoyment of the libraries.

- Use must be in compliance with state and federal laws and University of Utah policies and procedures. Child pornography and obscenity are prohibited by law.

Violation of the provisions of this policy may result in the withdrawal of access and may subject the user to disciplinary action or academic sanctions consistent with University policies and procedures. Users who are not faculty, staff or students may have their access to information resources unilaterally revoked if they violate this policy.

References: Information Resources Policy, University of Utah Policy and Procedure Manual 1-15; Marriott Library User Responsibilities. [Draft 11/28/00]

A committee of selected faculty and staff from the J. Willard Marriott Library proposed the above computer workstation use requirements in order to clarify what is and is not acceptable use of computer resources at the three campus libraries and various computer labs. This draft policy is in the process of being reviewed by the Library Policy and Advisory Committee. Comments, concerns and suggestions about this document can be directed to the library directors or members of the Library Policy and Advisory Committee.

Introducing ... Dustin Whitney

Systems, Computer Technician
Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Dustin Whitney.

I have lived within the same 15-mile radius my whole life, except for one year in California and two years in New York. If I had to choose highlights from my life, I'd go with my 16th birthday because I got my driver's license; my 18th birthday because I could vote; and my most recent 21st birthday, because my dad gave me a grilled cheese sandwich machine.

In March of 1987, I got my first Nintendo. To some people this would not be a memorable date, but if it had not been for Nintendo I would be well on my way towards a degree in film or history. Nintendo gave me a clear vision of my future. You see, I was never satisfied with Nintendo — I always felt that there was something beyond it, something more intense. And then it came. My dad brought home a Macintosh LC in January of 1991. My interest in computers blossomed.

In January 1998, I graduated from high school six months early. After graduation I worked briefly at Old Navy (a job I didn't care for) and then took a position at NetGear. NetGear sold hubs, switches, routers, network cards, print servers, and things of that nature. I learned a lot at this job and I enjoyed it.

After the job at NetGear, I moved to New York in August of 1998 to attend college to further my education. I eventually returned to Salt Lake City and am currently enrolled at the University of Utah.

I have been employed by the Eccles Library since August 2000 in the Systems department. I came to the Eccles Library with a strong working knowledge of UNIX and Windows 9x/NT operating systems. Jeff Weiler, the Systems Administrator, utilized my abilities to solve problems with the upgrade of WebSPIRS 4.12, the MySQL server and other UNIX related issues. My current duties include the installation, configuration and management of the library's new Windows 2000/NT server, and devising new methods for deploying Windows 2000 to library workstations. I appreciate that a Systems priority is to assist library customers and staff in all facets of computer operation and use, a job that I fully enjoy. The Systems department provides opportunities for working in a team environment to solve computer-related problems (challenges) for the purpose of providing excellent service to library customers and staff. So far its been a good time.

Health Education Brochures Project Funded

The Spencer S. Eccles Health Sciences Library recently received funding for a new project. The project entitled *Electronic Access to Health Education Brochures in 15 Languages* is a partnership between Eccles Library and the Bureau of Primary Care, Rural and Ethnic Health at the Utah Department of Health. The goal of the project is to improve access to electronic health education materials in multiple languages.

The Utah Department of Health developed 200 health education brochures in 15 different languages. The Eccles Library will coordinate efforts to scan the 200 brochures and make them available in PDF format to the entire Utah community from the Eccles Library website. Examples of brochure titles include *Reduce the Risk of Sudden Infant Death Syndrome* in Spanish, *All Kids Need Hepatitis B Shots* in Vietnamese, and *Emergency Action for Poisoning* in Russian.

Funding for the project was made possible by a Library Services and Technology Act (LSTA) grant from the Utah State Library. Please contact Deborah Hile, LSTA Project Director, at dhile@lib.med.utah.edu for more information.

IAIMS Newsletter Deadline and Mailing List

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)
Assistant Editor: Deborah Hile (dhile@lib.med.utah.edu)

The deadline for the Summer 2001 issue of the *IAIMS Newsletter* is Monday, April 30.

The IAIMS Newsletter is available electronically via the Web at **http://medlib.med.utah.edu/iaims/iaims.html**

To receive a copy of the electronic version in PDF format, send an email message to: MAISER@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5980. VOICE: 801-585-6744. FAX: 801-581-3632. INTERNET: jeannele@lib.med.utah.edu.

UNIVERSITY OF UTAH
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SALT LAKE CITY UT 84112-5890

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The Spencer S. Eccles Health Sciences Library
Spring Semester 2001 Hours

January 2 to May 27

Monday to Thursday	7:00 A.M.-11:00 P.M.
Friday	7:00 A.M.-8:00 P.M.
Saturday	9:00 A.M.-8:00 P.M.
Sunday	11:00 A.M.- 11:00 P.M.

Special Hours

Martin Luther King Day	7:00 A.M.-11:00 P.M.
Memorial Day	8:00 A.M.-6:00 P.M.

Summer Semester — May 29 to August 3

Monday to Thursday	7:00 A.M.-10:00 P.M.
Friday	7:00 A.M.-8:00 P.M.
Saturday	9:00 A.M.-6:00 P.M.
Sunday	Noon- 6:00 P.M.

Holiday hours will be posted.

Summer Break — August 4-19

Monday to Friday	7:00 A.M.-8:00 P.M.
Saturday	9:00 A.M.-6:00 P.M.
Sunday	Closed

Regular Fall Semester Hours Resume August 20, 2001

Phone Numbers

Acquisitions	801-587-9247
Administration	801-581-8771
Hours	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4686
Computer & Media	801-581-8052
Gifts to Library	801-581-5266
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Outreach Services	801-585-5743
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

The ***IAIMS Newsletter*** is published 3 times a year (August, January, May), with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah.
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URL: http://medlib.med.utah.edu/

IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Spring 2003 Volume 18 InfoFair 2003 Supplement

InfoFair 2003

Next Generation Communication

Tuesday, March 25, 2003

presented by
The University of Utah
Spencer S. Eccles Health Sciences Library

sponsored by
The University of Utah Health Sciences Center

InfoFair is an annual event at the University of Utah Health Sciences Center with the goal of providing up-to-date information on computer applications, resources and services as well as a glimpse into the future of computers and computing in the health sciences.

The theme of InfoFair 2003 is **Next Generation Communication**. The Clifford C. Snyder, M.D. and Mary Snyder Lecturer is Mary M. Case, Director, Office of Scholarly Communication, Association of Research Libraries.

A **Meet the Experts** panel discussion follows Ms. Case's lecture. Panelists include Raymond F. Gesteland, Ph.D., Sarah C. Michalak, Richard J. Sperry, M.D., Ph.D., with moderator Wayne J. Peay. Questions and input from the audience is encouraged.

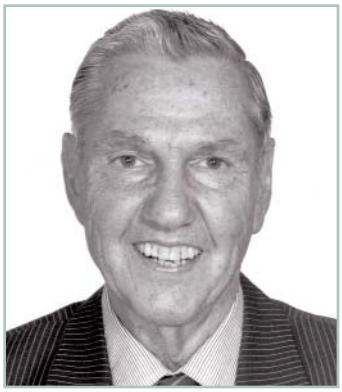
The afternoon sessions begin with a presentation and demonstration of **ActiveClass** by William G. Griswold. Nancy T. Lombardo and John Bramble will moderate. Using the latest conferencing technology, Dr. Griswold will speak to us from his office in San Diego.

The afternoon presentations conclude with the **Utahns in the Publishing Picture** panel discussion moderated by Mary E. Youngkin. Panelists include Glenn Herrick, Ph.D., Margaret M. Landesman, Janet E. Lindsley, Ph.D. and Thomas Parks, Ph.D.

Plan to visit the **Web Gallery: New Models of Scholarly Publishing** website at **http://medstat.med.utah.edu/infofair/infofair2003/gallery.html** The Web Gallery highlights websites that discuss new publishing models, offering possible solutions for access, archiving, copyright, cost, currency, licensing, etc.

The Clifford C. Snyder, M.D. and Mary Snyder Lectureship

Dr. Clifford C. Snyder, Professor of Surgery, founded the Division of Plastic and Reconstructive Surgery at the University of Utah School of Medicine in 1967 and served as chair of that division until 1985 when he was appointed Professor Emeritus of Surgery and Associate Dean of the School of Medicine. Throughout his career, Dr. Snyder has been an ardent supporter of the Eccles Library. Dr. Snyder's endowment of The Clifford C. Snyder, M.D. and Mary Snyder Lectureship provides funding for the featured presentation at InfoFair.



Clifford C. Snyder, M.D.

Mary Snyder

InfoFair 2003 Program

The Clifford C. Snyder, M.D. and Mary Snyder Lecture and Panel Discussion

Location: George and Dolores Eccles Institute of Human Genetics Auditorium

9:30 A.M.-10:30 A.M. **Introduction**
Wayne J. Peay

Saving Science, Saving Lives: Why Choices You Make When Publishing Matter
Mary M. Case

10:30 A.M.-11:00 A.M. **Refreshments**

11:00 A.M.-Noon **Meet the Experts**—Panel discussion
Moderator: *Wayne J. Peay*
Panelists: *Mary M. Case*
Raymond F. Gesteland, Ph.D.
Sarah C. Michalak
Richard J. Sperry, M.D., Ph.D.

NOON-1:00 P.M. **Electronic Resources Fair: Responding to Your Needs**
Location: Spencer S. Eccles Health Sciences Library, Reference Area—Main Level

Afternoon Presentations

Location: Spencer S. Eccles Health Sciences Library, History of Medicine Room—Upper Level

1:00 P.M.-2:30 P.M **ActiveClass**—Presentation and demonstration
Moderators: *Nancy T. Lombardo and John Bramble*
Presenter: *William G. Griswold, Ph.D.*

2:30 P.M.-2:45 P.M. **Break**

2:45 P.M.-4:00 P.M. **Utahns in the Publishing Picture**—Panel discussion
Moderator: *Mary E. Youngkin*
Panelists: *Glenn Herrick, Ph.D.*
Margaret M. Landesman
Janet E. Lindsley, Ph.D.
Thomas N. Parks, Ph.D.

Web Gallery: New Models of Scholarly Publishing
http://medlib.med.utah.edu/infofair/infofair2003/gallery.html

The Clifford C. Snyder, M.D. and Mary Snyder Lecturer

Mary M. Case
Director, Office of Scholarly Communication, Association of Research Libraries

Mary M. Case is Director of the Office of Scholarly Communication of the Association of Research Libraries (ARL). The Office of Scholarly Communication undertakes activities to understand and influence the forces affecting the production, dissemination, and use of scholarly information.

Since joining ARL in 1996, Ms. Case has been responsible for coordinating programming on the licensing of electronic resources and other issues in scholarly communication, including a conference on the Specialized Scholarly Monograph in Crisis and the New Challenges for Scholarly Communication in the Digital Era conference, both co-sponsored with other organizations in the academic community. Ms. Case has also participated in the development of the National Humanities Alliance Basic Principles for Managing Intellectual Property in the Digital Environment, the Principles for Licensing Electronic Resources endorsed by seven library organizations, and the Principles for Emerging Systems of Scholarly Publishing (the Tempe Principles). Working with ARL library directors, she was responsible for helping to launch SPARC--the Scholarly Publishing and Academic Resources Coalition, and has participated in the development of the Create Change Program and website.

Before coming to ARL, Ms. Case was Director of Program Review in the Office of the Vice President for Administration and Planning at Northwestern University. Prior to that, she spent ten years at Northwestern University Library, where her last position was head of Serials and Acquisitions Services. Ms. Case received her A.M.L.S. from the University of Michigan.

Ms. Case has a B.A. in English from LeMoyne College, an M.A. in Speech Communication from Syracuse University, and spent several years in a Ph.D. program in Interpretation at Northwestern University.

The Clifford C. Snyder, M.D. and Mary Snyder Lecture Abstract

Saving Science, Saving Lives: Why Choices You Make When Publishing Matter

The current system of science publishing threatens the long-term ability of doctors, nurses, and other health care professionals to provide quality medical treatment. The progress of science depends on access to the work of others. The high and rapidly rising prices of journals in science, technology, and medicine, copyright laws and licenses that restrict access and use of electronic works, and technologies designed to enforce those restrictions, are all contributing to an environment where researchers and medical practitioners will have less and less access to up-to-date information. But as authors, editors, and reviewers for scientific journals, individuals have the power to create changes in the system that will help ensure a vital medical research enterprise and quality medical care.

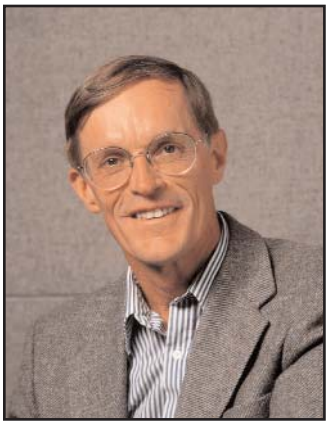
Presenters, Panelists, Moderators

John Bramble
Reference Librarian, Spencer S. Eccles Health Sciences Library, University of Utah

John Bramble is currently working as a reference librarian and training coordinator for the Spencer S. Eccles Health Sciences Library. He is full time student at Florida State University's Library and Information Science Distance Masters Program. In addition to staffing and training responsibilities, John has developed an interest in handheld computers and mobile curriculum tools.

Raymond F. Gesteland, Ph.D.
Distinguished Professor of Human Genetics,and Vice President for Research, University of Utah
Dr. Raymond F. Gesteland earned his B.S. degree in chemistry (1960) and an M.S. in biochemistry (1961) from the University of Wisconsin, and a Ph.D. in biochemistry (1965) from Harvard University, where he studied with J. D. Watson. After a postdoc (1966-67) at the Institute de Biologie Moleculaire, Geneva,

Switzerland, he was associate director for research at the Cold Spring Harbor Laboratory (1967-78). He joined the University of Utah as professor of biology and HHMI investigator in 1978, and completed his research with HHMI in 1998. From 1984 to 2000 Dr. Gesteland served as chairman and professor of Human Genetics at the University of Utah. From 1991 to 2000 he was director of the NIH Utah Center for Human Genome Research. Most recently, November 1, 2000, Dr. Gesteland became Vice President for Research at the University of Utah.



William G. Griswold, Ph.D.

Associate Professor, Computer Science and Engineering, University of California, San Diego

Professor Griswold's research specifically concerns the evolution and enhancement of large software systems, including the development of new programming tools, often aided by the application of advanced compiler technology. His lab's projects include tool-assisted program restructuring, visualization of latent program structure, software architecture for evolving systems, and whole-program analysis techniques for program understanding and restructuring. Dr. Griswold also has interests in object-oriented design and programming languages. As the UCSD leader of research on Interfaces & Software Systems for the California Institute for Telecommunications and Information Technology, Dr. Griswold oversees numerous projects of importance for California. They include ActiveCampus and ActiveClass, which integrate the use of personal digital assistants, location sensing, and high-speed wireless networking with new software to enhance the "culture of learning" on campus and in the classroom. William Griswold joined the UCSD faculty in 1991, after receiving his Ph.D. from the University of Washington.

Glenn Herrick, Ph.D.

Professor, Pathology, School of Medicine, University of Utah

Glenn Herrick earned a B.S. degree in biology and chemistry at the College of Wooster in 1967, and a Ph.D. degree in Biochemical Sciences from Princeton University in 1973 with Professor Bruce Alberts. He then studied ciliate macronuclear development with Dr. David Prescott, University of Colorado, 1973-1977. He joined the faculty of Cellular, Viral and Molecular Biology, at the University of Utah School of Medicine, in 1977. He has enjoyed an adjunct appointment in the Biology Department since 1990. In 2001 he joined the Division of Cell Biology and Immunology of the Pathology Department. His research interests are in ciliate molecular genetics, transposition, epigenetics, molecular evolution, and selfish genes.

Margaret M. Landesman

Librarian, J. Willard Marriott Library,University of Utah

Margaret Landesman is the Head of Collection Development at Marriott Library. Margaret co-chairs the Utah Academic Library Consortium's Collection Development Committee and serves on the Steering Committee for Pioneer, Utah's Online Library, as a member of the Greater Western Library Association's Collection Development Committee and is active with the International Coalition of Library Consortia. But her favorite consortium activity is promoting SPARC. With Johann van Reenen at the University of New Mexico, she has co-authored a paper titled **Creating Congruence between Consortial Development and Emerging Initiatives in Scholarly Publishing** which appeared in the *Journal of Electronic Publishing*. She also writes a column on publishing for Against the Grain and the Heard on the Net Column (a summary of topics of interest in academic publishing) for *The Charleston Adviser*.

Janet E. Lindsley, Ph.D.

Associate Professor, Biochemistry, University of Utah

Janet Lindsley earned a B.S. degree in Chemistry at Davidson College in 1984 and a Ph.D. in Biochemistry from the University of Wisconsin in 1989. She then did a postdoctoral fellowship with James Wang at Harvard University to learn about the mechanisms of DNA topoisomerases, 1989-1992.

After a brief stay at the Institut Louis Pasteur in Strasbourg, France, to learn rapid kinetics, she joined the faculty in the Biochemistry department at the University of Utah School of Medicine, in 1993. Her research interests include DNA and chromatin structure, enzyme kinetics, and the mechanisms of enzymes that manipulate DNA structure. She has recently become the course director for the first year medical biochemistry course and subsequently has a new-found interest in metabolism and nutrition. She is a member of the structural biology group within the Faculty of 1000, a new international organization formed to review and highlight published papers of interest.

Nancy T. Lombardo

Systems Librarian, Spencer S. Eccles Health Sciences Library, University of Utah

Nancy Lombardo received her Masters of Library Science from Emporia State University in August 1994 and accepted a position at the Eccles Library in October 1994. Nancy is the co-principal investigator for a Higher Education Technology Initiative Grant that led to the development of the virtual course Internet Navigator. As the Systems Librarian, Nancy works with the library's technical staff to coordinate, maintain and improve the library's technological capabilities. In addition, Nancy teaches a variety of Internet classes and works with library faculty and staff on projects to enhance Eccles Library services through appropriate use of technology.

Sarah C. Michalak

Director, J. Willard Marriott Library, University of Utah

Sarah C. Michalak is a librarian and the director of the J. Willard Marriott Library at the University of Utah. Prior to her appointment as director of the Marriott Library in September 1995, she held positions at the University of Washington Libraries and the University of California, Riverside. Sarah is a member of the Association of Research Libraries Board of Directors. She was a founding member of SPARC (Scholarly Publishing and Academic Resources Coalition) and has been elected to a second 3-year term on the SPARC Steering Committee. Sarah has chaired the Utah Academic Library Consortium Directors Council, which has undertaken numerous cooperative collection purchasing, resource sharing, and automation projects. She chairs the University of Utah's campus-wide Information Technology Council.

Thomas N. Parks, Ph.D.

Professor of Neuroscience, School of Medicine, University of Utah

Dr. Parks's main research interest is in developmental neurobiology. The lab's current focus is on developmental changes in glutamate receptor structure and function in brain stem auditory neurons. These neurons show extreme morphological and functional specializations that are closely related to their role in hearing and the laboratory wishes to understand the role of various glutamate receptor subtypes in guiding the survival and development of these cells. Another project is studying developmental control of neuronal calcium homeostasis by changing levels and distribution of calcium-binding proteins. These projects make use of experimental embryology, tissue culture, immunohistochemistry, mRNA analysis, measurements of cytosolic calcium, electrophysiology, and electron microscopy.

Wayne J. Peay

Director, Spencer S. Eccles Health Sciences Library, University of Utah

Wayne Peay received his B.A. in history from the University of Utah in 1973 and his M.S. degree in Library Service, with honors, from Columbia University in 1977. He has held positions at the Washington University School of Medicine Library, and the Medical Library Center of New York. He was appointed to the library faculty of the Spencer S. Eccles Health Sciences Library in 1977 and was named director in 1984. He has served as president of the Association of Academic Health Sciences Library Directors and as a member of the Board of Directors of the Medical Library Association. He is also currently the director the Midcontinental Regional Medical Library Program of the National Network of Libraries of Medicine.

Richard J. Sperry, M.D., Ph.D.

Associate Vice President for Health Sciences, Governor Scott M. Matheson Chair, Health Policy and Management University of Utah

Dr. Sperry is a native of Salt Lake City, Utah, and attended the University of Utah, where he received a B.A. in Economics and Chemistry; an M.S. in Economics and an M.D., and a Ph.D. in Administration of Higher Education. He served as a resident physician and clinical fellow at the University of Virginia in Charlottesville, Virginia. After his residency he returned to the University of Utah in 1987 as a member of the faculty. He was subsequently awarded a fellowship with the Washington, D.C. based American Council on Education. His current positions at the University of Utah are: Governor Scott M. Matheson Presidential Endowed Chair in Health Policy and Management, Professor of Anesthesiology, Associate Vice President for Health Sciences (Academic Affairs), Associate Dean, School of Medicine (Faculty Affairs), and Director of the Matheson Center for Health Care Studies. His clinical specialty is anesthesiology for neurosurgical procedures. He has over 100 professional publications including two textbooks relating to neuroanesthesia.

Mary E. Youngkin

Librarian, Spencer S. Eccles Health Sciences Library, University of Utah

Mary Youngkin's chief library responsibility is management of the Public Services Department. Her other full time job is the selection, licensing and provision of electronic journals, a position which presents the daily challenge of meeting the research needs of the University in a time of change and of dwindling financial resources.

InfoFair 2003 Abstracts

Meet the Experts Panel Discussion

Local panelists will join Mary M. Case in discussing the challenges facing information management for improved health care. Audience participation and questions are encouraged. The panel moderator is Wayne J. Peay. Panelists are Raymond F. Gesteland, Ph.D., Sarah C. Michalak, and Richard J. Sperry, M.D., Ph.D.

Electronic Resources Fair: Responding to Your Needs

Library staff will be available to answer your questions about access to electronic resources, including the Library Catalog; bibliographic and full-text databases such as PubMed, the Cochrane Library, EBSCOhost, STAT!Ref, Harrison's Online, and ProQuest; full-text journals from A to Z; web-based interlibrary loan requests and much more.

ActiveClass

University of California, San Diego Professor William Griswold will present and demonstrate his ActiveCampus project. The ActiveCampus project was developed to enhance the culture of learning at UCSD through the use of wireless and handheld technology. The ActiveCampus project aims to provide location-based services for educational networks. Dr. Griswold's presentation will provide a hands-on demonstration and presentation of the ActiveClass component of the project.

The ActiveClass project tests whether wireless technologies (handheld, laptops, etc.) can be used to enrich the classroom and campus experiences for students as well as professors with the aim of providing location-based services for educational networks. Dr. Griswold will demonstrate how such systems are used at UCSD. ActiveClass enables collaboration between students and professors by serving as a visual moderator for classroom interaction. ActiveClass allows students to send questions to faculty during class lectures, and allows faculty to poll students and determine understanding of lecture content. Visit **http://activecampus.ucsd.edu** for an introduction to the project.

Utahns in the Publishing Picture

Join University of Utah authors, editors, reviewers and librarians in a lively discussion of their involvement in both traditional scientific publishing and new models such as BioMedCentral and Faculty of 1000.

Web Gallery: New Models of Scholarly Publishing

New models of scholarly publishing are evolving to address issues related to access, archiving, copyright, cost, currency, licensing, etc. The Web Gallery provides links to websites that discuss this important concept of new publishing models, offering possible solutions for free versus fee access, archiving, cost containment and timely access to the latest research. To view these links visit **http://medlib.med.utah.edu/infofair/infofair 2003/gallery.html**

Directions and Parking

The Spencer S. Eccles Health Sciences Library is located on the University of Utah Health Sciences Center campus just south of the University Hospital/School of Medicine building and northeast of the College of Nursing. The George and Dolores Eccles Institute of Human Genetics is located southeast of the Eccles Library. Signs on Wasatch Drive and North Medical Drive mark the route to the Eccles Library. A brochure on *Transportation to Eccles Library* is available by contacting the Reference Desk 801-581-5534 or via the Web at: **http://medstat.med.utah.edu/library/aboutus/ howtofindus.html**

Visitor parking is available directly south of the Eccles Library. The lot is regulated by a ticket and the fee is $1 per hour to a maximum fee of $8 per day. Parking passes ($3.00 per day) are available from the Parking Services Office located on the west side of Wasatch Drive, or from the University Hospital cashier located in the lobby at the hospital entrance (801-581-2100). This parking pass allows parking in any A, U or E parking lot. Come early as parking spaces fill up quickly!

For a parking brochure or further information about parking at the University of Utah, contact Commuter Services at 801-581-6415. Commuter Services office hours are 7:30 A.M.-5:00 P.M. Monday through Friday. Website: **http://www.parking.utah.edu**

The University Department of Commuter Services provides free shuttles across campus from 6:00 A.M. to 7:00 P.M. Monday through Friday, late evening and weekend service is available. Contact Shuttle Customer Service 801-581-4189 for details.

The Utah Transit Authority (UTA) serves the University of Utah with 21 direct routes including two express routes from Weber and Utah counties. Call UTA at 801-287-4636 for details and schedule information.

Special Assistance Provided By

The Staff and the Education Team of the
Spencer S. Eccles Health Sciences Library
The George and Dolores Eccles Institute of Human Genetics
University of Utah School of Medicine
Department of Medical Informatics
The University of Utah Health Sciences Center
Office of Public Affairs
The Utah Medical Association

Program Committee

Mary M. Case
Jeanne Le Ber
Nancy Lombardo
Wayne J. Peay

InfoFair 2003 Coordinator

Jeanne Le Ber
Librarian, Education Services, Spencer S. Eccles Health Sciences Library, University of Utah

As the Education Librarian, Jeanne is responsible for coordinating the formal education efforts of the Eccles Library in a team environment. She works with faculty from the School of Medicine and Colleges of Health, Nursing and Pharmacy to identify, schedule and teach information literacy classes, with an emphasis on using electronic resources. Jeanne is the editor of the *IAIMS Newsletter*, and coordinates the Library and Information Technology Forum.

Coordinators

John Bramble, Mary McFarland, Mary Youngkin, Electronic Resources Fair Coordinators
Derek Cowan, Website designer
Joan M. Gregory, Advisor
Nancy E. Litz, Equipment Coordinator
Nancy T. Lombardo, Video/broadcast
Wayne J. Peay, the Clifford C. Snyder, M.D. and Mary Snyder Lectureship Coordinator
Wanda Ramos, Financial Coordinator
Sherelyn Sandberg, Hospitality Coordinator
Mary Beth Simiele, Publicity Coordinator
Molly Youngkin, Facilitators Coordinator

Registration

InfoFair 2003 is **FREE.**

Accreditation

Medical Library Association Continuing Education Credit
Medical Library Association continuing education credit is applied for and will be available. Please contact Jeanne Le Ber at 801-585-6744 for more details.

Questions

If you have questions about InfoFair, please contact us:
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Spencer S. Eccles Health Sciences Library
10 North 1900 East
Salt Lake City, UT 84112-5890
PHONE: 801-585-6744 or 581-5534
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URL: http://medlib.med.utah.edu/library/infofair/infofair.html

UNIVERSITY OF UTAH
ECCLES HEALTH SCIENCES LIBRARY
10 N 1900 E
SALT LAKE CITY UT 84112-5890

InfoFair 2003

Next Generation Communication

Tuesday, March 25, 2003

Phone Numbers

Acquisitions	801-587-9247
Administration	801-581-8771
Hours/Renewals	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4685
Gifts to Library	801-587-9247
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Media Services	801-581-8052
Outreach	801-587-3493
Regional Medical Library	800-338-7657
	801-587-3412
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

The *IAIMS Newsletter* is published 3 times a year (August, January, May), with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah
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MC/SCUG

Medical Center / Small Computer Users Group

Wednesday, November 1, 1995
NOON

TELECOMMUTING

What is telecommuting? Why telecommute? Who is telecommuting? What are the issues involved in telecommuting? What works? What are the challenges? What are the libraries and computer services on campus doing to make remote access easier? What resources are available for telecommuters? A panel of telecommuters and those providing remote access services will discuss telecommuting issues in this open forum.

Come with your questions, your lunch and your friends to the November MC/SCUG meeting, Wednesday, November 1, 1995 at NOON in Classroom C, School of Medicine Building.

ABOUT THE MEDICAL CENTER SMALL COMPUTER USERS GROUP

MC/SCUG is an informal group of computer users who enjoy keeping informed about the latest developments in computer applications of all types. Monthly presentations focus on current topics of interest. There is no membership fee. You are welcome whenever you are able to come. MC/SCUG meetings are held on the first Wednesday of the month (except during the Summer Quarter) in Classroom C, School of Medicine Building. If you would like more information about MC/SCUG or if you would like to suggest a topic for a MC/SCUG meeting, please contact Joan M. Gregory, Coordinator, MC/SCUG, Spencer S. Eccles Health Sciences Library, (801) 581-5269, INTERNET: joang@ecclab.med.utah.edu. If you are interested in receiving e-mail notification of future MC/SCUG meetings, send an e-mail message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe MCSCUG**

IN THIS ISSUE

MC/SCUG Meeting 1
Computer-Based Learning Discussion Group 2
Exciting New *Netscape* Upgrade 2-4
The Winds of (UUCC) Change 4-5
Outreach Services: *Grateful Med/Loansome Doc* 5-6
Library Services News: New Audiovisuals Listed via Web Site 6
Internet Resources: AIDS Resources 7-9
Internet Basics: File Transfer Protocol (FTP) 9-10
Library Services News: Class Schedules 11
IAIMS Newsletter Deadline and Mailing List 11

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COMPUTER-BASED LEARNING DISCUSSION GROUP

Netscape 2.0

Thursday,
November 9, 1995
NOON - 1:00 pm
History of Medicine
Room, Eccles Library

The next meeting of the Computer-Based Learning Discussion Group will be Thursday, November 9, 1995 from NOON - 1:00 pm in the History of Medicine Room. Sharon E. Dennis, Assistant Director for Computer and Media Services at the Spencer S. Eccles Health Sciences Library, will demonstrate the new *Netscape 2.0 beta* (see related article on page 2 of this issue of the *IAIMS Newsletter*). Discussion will center on using Netscape's new capabilities to create interactive computer-based learning programs on the World Wide Web.

If you are interested in computer-based learning (CBL), you are invited to join the Computer-Based Learning Discussion Group. The purpose of the group is to share information about developing and evaluating computer-based learning as well as curriculum integration issues. Depending upon the interests of the group, discussion may include, but not be limited to, some of the following topics: use of multimedia technologies, how to find suitable programs in various subject areas, how to get started in planning your own CBL program, authoring system and platform advantages/disadvantages, hints for effective information structuring and interface design, incorporating CBL programs into the curriculum, and methods of evaluating CBL.

For more information, contact Sharon E. Dennis at (801) 585-3928, or via electronic mail: sdennis@ecclab.med.utah.edu.

EXCITING NEW NETSCAPE UPGRADE

Netscape 2.0
Beta Available

by
Sharon E. Dennis,
Assistant Director for
Computer and Media
Services,
Spencer S. Eccles
Health Sciences
Library

Netscape 2.0 beta 1 is now available for Macintosh, Windows 3.1, Windows 95 and NT, and Unix. You can FTP a copy of *Netscape 2.0 beta 1* at the following address:

ftp.netscape.com

or follow the link to download *Netscape 2.0* from Netscape's home page at:

http://www.netscape.com.

Be aware that beta software is often buggy, and may crash your system or exhibit other kinds of strange behavior.

Netscape 2.0b1 has a lot of new features that promise to make the World Wide Web an even more exciting place to be for education, entertainment, and information access. Some of these features are described below. For more information about *Netscape*, point your Web browser to:

http://home.netscape.com/comprod/products/navigator/version_2.0/index.html

Performance

Netscape claims that 2.0 is much faster than 1.1N, and preliminary experience with the Macintosh version seems to bear that out, both with a 14.4 modem and a direct connection. In addition to the speed improvements, performance is improved by the use of a new file format called Progressive JPEGs. According to Netscape, Progressive JPEGs load three times faster than GIFs, the graphics

EXCITING NEW NETSCAPE UPGRADE

Netscape 2.0 Beta Available

by
Sharon E. Dennis,
Assistant Director for Computer and Media Services,
Spencer S. Eccles Health Sciences Library

format currently used on the Web. Progressive JPEGs also provide instantaneous recognition of the graphic while it is loading, making it "feel" faster to the user. For a demonstration of Progressive JPEGs, use *Netscape 2.0b1* to access the following URL:

http://home.mcom.com/comprod/products/navigator/version_2.0/progressive_jpeg/progressive_jpeg.html

Integrated Electronic Mail

Netscape 2.0 includes an integrated electronic mail program for both sending and receiving mail. The mail program uses the standard mail protocols, POP3 and SMTP, and allows you to list, view, sort, and drag and drop messages.

The current implementation (beta 1) of the electronic mail program seems to be the weakest link in *Netscape 2.0*. The mail program appears to be much less stable than other parts of the program, and does not have many of the features (such as mail filtering) found in other electronic mail clients.

The electronic mail program, however, does hold some promise for two groups of users: 1) those who wish to use one client program for all Internet activities, rather than learning several different clients; and 2) those who wish to receive e-mail with embedded hypertext links or other multimedia elements.

Integrated Newsgroups

The new newsgroup reader in *Netscape 2.0b1* is an improvement over the reader in 1.1N. The new interface allows you to identify and read threaded messages much faster than with the 1.1N interface. You can sort the messages by subject, author, or date, and it is much easier to view associated URLs since the newsreader is already in a different window than the Netscape Web browser.

Frames

The addition of frames to *Netscape 2.0* is one of the most exciting new features for educational applications of the World Wide Web. *Netscape 2.0* allows developers to present multiple, independently scrolling "frames" on a single screen. Each frame has its own URL. Frames can become "ledges" which do not move from the screen even if the user scrolls further down the page. This capability, in combination with Netscape's new scripting language and Java (see below), allows developers to create educational applications much as they can with programs such as *HyperCard* or *Asymetrix ToolBook*. For a demonstration of frames, use *Netscape 2.0b1* to view the following URL:

http://home.netscape.com/comprod/products/navigator/version_2.0/index.html

New Development Tools and Program Extensions

Netscape 2.0 offers several new development tools and program extensions, which should allow developers to incorporate much more interactivity than previously possible with the Web. These developments include:

EXCITING NEW NETSCAPE UPGRADE

Netscape 2.0 Beta Available

by
Sharon E. Dennis,
Assistant Director for Computer and Media Services,
Spencer S. Eccles Health Sciences Library

A new Netscape scripting language -- Netscape has created a cross-platform scripting language which is loosely based on Java (see below). It allows developers to access events such as startups, exits, and mouse clicks. Netscape claims the language is suitable for developers of all skill levels. For more information, see:

http://home.netscape.com/comprod/products/navigator/version_2.0/index.html

Inline plug-ins -- plug-in programs that may be added to *Netscape 2.0* allow users to view *Apple QuickTime* movies and *Macromedia Director* presentations directly in Netscape. *Adobe Acrobat* is also offering a plug-in that will make *Acrobat* .pdf files an integral part of *Netscape*. Many other plug-ins are promised by other software companies; for a list of plug-in developers, see:

http://home.mcom.com/comprod/products/navigator/version_2.0/plugins/plugin_developers.html

Java applets -- Java applets are small programs which download onto the user's computer. Potential exciting uses of Java applets include animations, live updating, and two-way interactivity. Java is currently implemented into the Windows 95 and NT betas; Macintosh and Windows 3.1 users will need to wait for the next version. For more information and links to some examples (if you are running the Windows 95 or NT version), see :

http://home.netscape.com/comprod/products/navigator/version_2.0/index.html

THE WINDS OF (UUCC) CHANGE

by Jay Deuel,
Technical Writer,
UU Computer Center

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UUCC Newsletter
October 1995.

Here at the Computer Center we've experienced a few changes over the Summer; we'll see more improvements soon. For questions, call our Help Line at 585-4357 (5-HELP).

Our valiant cc.utah.edu leaves the University of Utah.
Back in August, the Computer Center's VAX (uucc.cc.utah.edu known by most as cc.utah.edu) was sold after nearly 20 years of service. Though a few people were receiving their e-mail on this machine, the primary function was to act as a gateway between BITNET and the Internet. The importance of this service has continually decreased over the past few years as the remaining BITNET sites have obtained their own Internet connections.

Throughout the past two years, users of this facility have been encouraged to set up a computer account and arrange to receive mail elsewhere. Those who were no longer associated with the University of Utah, and desired help, received a list of the many commercial Internet access providers. Anyone still affiliated with the university had the option of creating an account on another machine and/or setting up an electronic mail forward. Note: The UUCC staff retained their previous e-mail addresses.

New e-mail account setup procedure available.
Any student, faculty or staff may receive an electronic mail account. In the past,

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UU Computer Center

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one would connect to cc.utah.edu via a telnet session, and run a script. As per the previous couple of paragraphs, a new mechanism was needed.

The current method for obtaining an e-mail account is to access the following World Wide Web URL:

http://www.cc.utah.edu

Notes:
1. Select the "Electronic Mail Account" option.
2. This can be done from many campus microcomputer labs.
3. Write down the account/login, machine and e-mail address.
4. DO NOT share your password with anyone!

Dial-in access will improve with additional modems.
Over the past year, we have maintained 45 modems to handle all dial-in access to the Computer Center. Recently that number reached 61, which will increase to over 110 by November. This means more simultaneous dial-in connections! The new modems are 28,800 baud, which decreases the amount of time one waits for data to be transfered.

OUTREACH SERVICES

Grateful Med/ Loansome Doc Basics

by Kathleen M. McCloskey,
Associate Librarian,
Outreach Services,
Spencer S. Eccles Health Sciences Library

Let me begin with a bit of history. *Grateful Med/Loansome Doc* (*GM/LD*) was developed by the National Library of Medicine (NLM) to give practitioners access to the MEDLARS databases in a user-friendly format. Prior to *GM/LD*, those wanting to search these databases, were required to take a minimum of 3-4 full days of training at an NLM site in order to receive a password. Not so now, anyone can get a password to search and no training is required.

WHY *GRATEFUL MED*?

It's current.
When you're using *GM/LD*, you're logging into NLM's main computer and searching a system that is updated weekly. Usually, CD-ROM systems are mailed to users on a monthly, or less frequent, basis. This is not a big issue for most people, but it is a fact that is important to mention.

It's easy to use.
The tutorial, HOWTO, explains very clearly how to operate the system and input terms for searching. With "plain old telephone service" you can dial into the NLM computer and have a library of journal articles at your fingertips.

To search for articles, you begin by calling up a template that displays lines on which terms are input. Because each database contains different types of information the templates automatically vary depending on the database you're searching. Remember there are more than 30 databases in the MEDLARS system. The software has a built-in thesaurus of Medical Subject Headings, called MeSH, which you access either by function keys in the PC version, or by clicking on a button in the Mac version. Cross references and the hierarchy of terms in addition to the current MeSH are shown in the display. From the list of MeSH

OUTREACH SERVICES

Grateful Med/ Loansome Doc Basics

by Kathleen M. McCloskey, Associate Librarian, Outreach Services, Spencer S. Eccles Health Sciences Library

terms you select a term or several terms that are carried over to the template and pasted in on the appropriate line.

It's economical.
Once the template is filled out and you are ready to search, the software logs you into the NLM computer in Bethesda, MD and runs the search automatically. The results are downloaded into your computer and you're automatically logged off taking away the fear of expensive extended connections.

Yes, you can get the whole article.
You can get the whole article through *Loansome Doc*. With all the talk about articles online and full-text searching, there is some confusion that *GM/LD* gives you the full article. While you can't display the article online, you can initiate an interlibrary loan of articles from a library from within *GM/LD* via the *Loansome Doc* portion of the software.

So, what's *Loansome Doc*?
Loansome Doc is the document delivery portion of *GM/LD*. You will need to set up the profile for this portion of *GM/LD* before it will work. Once you have done this and once you have done the search, you may look at the results of your search. While looking at the citations, you may select or flag references to be sent to *Loansome Doc*. When finished, you use the menu/button options to access *Loansome Doc* . You'll find that a list of citations flagged from the *GM* retrieval has been created. From that list, an order for the full text of the article is placed with a library of your choice in the form of an interlibrary loan request.

Next month
Next month we'll look at formulating searches to input in *Grateful Med* and talk a bit about search strategy. What to do when you find little or nothing, or if you find way too much is always a problem for searchers. Please don't hesitate to call or send e-mail. If you have questions, contact: Kathleen M. McCloskey, (801) 585-5743, INTERNET: kmc@ecclab.med.utah.edu.

LIBRARY SERVICES NEWS

New Audiovisuals Listed via Web Site

The Spencer S. Eccles Health Sciences Library Home Page (http://www-medlib.med.utah.edu/) now includes a list of 277 recently acquired audiovisual titles, from a collection of 2,800 programs located in Computer and Media Services on the lower level of the library.

Under "Library Services and Publications," choose "Recent Media Acquisitions" for a list of audiocassettes, slides, and 1/2" VHS videocassettes that may be checked out for one week or placed on Reserve.

Series included are: *Network for Continuing Medical Education (NCME), The Centernet Teleconferences, The Health Quarterly, Medicine at the Crossroads, The Slide Atlas of Pediatric Physical Diagnosis,* and *The Slide Atlas of Pediatric Dermatology*.

For more information, contact Nancy E. Litz, Computer and Media Services, (801) 581-8052, INTERNET: nelitz@ecclab.med.utah.edu.

INTERNET RESOURCES

Acquired Immune Deficiency Syndrome Resources

by Jeanne M. Le Ber, Affiliate Librarian, Spencer S. Eccles Health Sciences Library

There is an enormous amount of information on the Internet that addresses the subject of Acquired Immune Deficiency Syndrome (AIDS). AIDS information is available by accessing electronic discussion groups, electronic journals, gopherspace, the Web, USENET news, and even free bibliographic databases. AIDS information resources on the Net are appropriate for the health professional, individuals from the gay community, and the general public. Since almost anyone can publish information on the Net, the user of Internet resources is cautioned to question the quality of specific sites and the validity of the information provided.

There are a number of online search engines that allow the Internet user to search for a specific subject. Some examples of search engines are InfoSeek Search, the Lycos Home Page: Hunting WWW Information, WebCrawler Searching, YAHOO, and Deja News Research Service (allows a search of USENET news). Using one of these search engines is a good way to initiate a subject search.

The following list is not comprehensive, but is an attempt to demonstrate the kinds of Internet resources available.

AIDS BIBLIOGRAPHIC DATABASES

The National Library of Medicine (NLM) provides free access to their AIDS related databases, including AIDSLINE, AIDSTRIALS and AIDSDRUGS.
telnet://login@medlars.nlm.nih.gov/ (access code required)

To apply for access to the free AIDS databases, an interested individual must fill out an application and sign a memorandum of understanding that governs use of the account. This application is available on the NLM Web site.
http://www.nlm.nih.gov/top_level.dir/accounts.html#aids

An NLM Fact Sheet, also available from the NLM Web site, provides additional information about database content and methods for searching. A familiarity with command line searching is advised.
http://www.nlm.nih.gov/factsheets.dir/medlars.html

AIDSLINE contains references to the published literature on acquired immune deficiency syndrome, focusing on the biomedical, epidemiologic, health care administration, oncologic, and social and behavioral sciences literature. This file contains citations and abstracts to journal articles, monographs, meeting abstracts, government reports and theses from 1980 to the present.
http://www.nlm.nih.gov/factsheets.dir/aidsline.html

AIDSTRIALS provides information about AIDS-related clinical trails and AIDSDRUGS offers descriptive information about each agent being tested in those clinical trials.
http://www.nlm.nih.gov/factsheets.dir/aidstrials_drugs.html

AIDS RESOURCE LIST

This source lists over 42 Internet sites that link to AIDS related information. The

INTERNET RESOURCES

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list includes gopher, Web and USENET sites. A few useful links are:

- AIDS & HIV - Information & Resources (IRCAM in France - has links in both French and English)
- TB/HIV Research Laboratory (Dedicated to research into prevention and treatment of TB and HIV)
- AIDS Patent Project (Information on AIDS related patents)
- VA Newsletters (V.A. Medical Center's newsletters in hypertext format)
- Rural Prevention Center (Joint project of Indiana University and Purdue University for the study and promotion of HIV/STD prevention)
- The Biology of AIDS: Compiled Resources (List of addresses, etc. relating to AIDS research)

http://www.teleport.com/~celinec/aids.shtml

AIDS VIRTUAL LIBRARY PAGE

The AIDS virtual library page deals with the social, political, and medical aspects of AIDS, HIV, and related issues. It points to a number of gopher, Web and USENET sources of information including the *AIDS Information Newsletter* from the VA Medical Center, San Francisco, and the GPA Docbase which is a document database developed by the Global Programme on AIDS (GPA), containing the full text of WHO publications on the subject of AIDS as well as documents produced by the GPA.
http://www.actwin.com/aids/vl.html

AIDSBKRV (*AIDS Book Review Journal*)

This is a moderated electronic journal that reviews books published on HIV/AIDS and related issues. AIDSBKRV is edited by H. Robert Malinowski.
subscribe to: listserv@uicvm.uic.edu
post to: aidsbkrv@uicvm.uic.edu

AIDS-STAT

Covering the topic of AIDS-related statistics, this mailing list publishes data provided by the U.S. Centers for Disease Control (CDC) *AIDS Surveillance Report*.
subscribe to: aids-stat-request@wubois.wustl.edu
post to: aids-stat@wubois.wustl.edu

NIAID AIDS GOPHER (National Institute of Allergy and Infectious Disease Gopher)

Some of the many topics covered by this gopher site include: a glossary of AIDS-related terminology, CDC daily summaries, general information on AIDS, *Morbidity and Mortality Weekly Report*, CDC National AIDS Clearinghouse and international AIDS resources. There is also a pointer to NIAID-provided pamphlets on sexually transmitted diseases, including one that specifically addresses HIV infection and AIDS.
gopher://odie.niaid.nih.gov:70/11/aids

SCI.MED.AIDS

Sci.med.aids is an international USENET newsgroup covering topics of interest to people with AIDS, their friends, relatives and loved ones, AIDS service

INTERNET RESOURCES

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Health Sciences
Library

providers, educators, researchers, and the general public. Sci.med.aids is moderated by a team. When you submit an article to sci.med.aids, it must be approved by a member of the moderation team. A search of Deja News Research Service with AIDS-related keywords, will often bring up articles posted to sci.med.aids. For general information and frequently asked questions:
http://www.cis.ohio-state.edu/hypertext/faq/usenet/aids-faq1/faq.html
news: sci.med.aids

Sources:

Perry, Gerald. *AIDS Concepts and Resources* (MLA CE 312). Chicago, IL: Medical Library Association, 1995.

Deja News Research Service - *http://www.dejanews.com/*
InfoSeek Search - *http://www2.infoseek.com/*
Lycos Home Page - *http://lycos.cs.cmu.edu/*
WebCrawler Searching - *http://webcrawler.com/*
YAHOO - *http://www.yahoo.com/*

INTERNET BASICS

File Transfer Protocol (FTP)

by
Nancy T. Lombardo,
Affiliate Librarian,
Spencer S. Eccles
Health Sciences
Library

and

Joan M. Gregory,
Associate Librarian,
Spencer S. Eccles
Health Sciences
Library

File Transfer Protocol (FTP) is the program that allows you to move files from one computer to another on the Internet. With "Anonymous FTP" you can access large repositories of documents, software applications, and graphics stored on thousands of public FTP computers and download them to your personal computer or account. These files are mostly public domain (free) and Shareware (small fee). With full service FTP, you can move files between any Internet computers where you have an account or access privileges.

HOW TO USE FTP

In order to successfully FTP to another computer, you must know the FTP address of the remote host. The FTP address can be an alphabetic domain name (medlib.med.utah.edu) or a numeric IP address (155.100.78.225). For anonymous FTP, you login as "anonymous". Once connected, you move to the directory of your choice, get the files you want, and logout with "quit". The commands will vary depending on the client you use. There are two major types of files, ascii text (text with no formatting) and binary. Binary files include all software, graphics, and formatted documents. You must let the computer know when you transfer a binary file. Most FTP sites assume that you will be transferring ascii text. To alert the computer that you will be transferring a binary file, simply type the word binary, or select the appropriate option in your client software.

FTP FROM A BASIC COMMAND LINE

Command	Sample Instruction	Explanation
ftp	medlib.med.utah.edu	Establish the connection using FTP
cd	/library/internet	Change to the correct directory
binary		Request binary file
get	ws_ftp.zip	Get a specific file
quit		Logoff

TYPES OF FTP RESOURCES

Millions of files are available via FTP. The full text of government documents and current legislation, full text of literary classics, color graphics, sounds of all kinds, full motion video, and software of all kinds can be downloaded. The distinction between ascii

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(plain text) and binary is very important when downloading. File Extensions indicate file types. Some of the basic file extensions you will see when executing an FTP are these:

Extension	File Type	Transfer Mode
.txt	Plain ascii text file	Transfer as ascii
.exe	PC executable file	Transfer as binary
.gif	Graphic Interchange Format	Transfer as binary

SOME FTP URL EXAMPLES

Host Address	Login	Logoff
ftp://ftp.dartmouth.edu/pub/mac	anonymous	quit
ftp://uiarchive.cso.uiuc.edu/pub/etext/gutenberg	anonymous	quit
ftp://ftp.bio.indiana.edu/help/nih-forms/	anonymous	quit
ftp://ftp.netscape.com/	anonymous	quit

COMPRESSION

Compression is another concern when downloading. Frequently, items on the Net are compressed before they are made available for FTP. In order to use the files, you must decompress them at some point during the process. This table lists a few of the common compression extensions, their hardware compatibility, the software they derive from and the commands for decoding them.

FORMAT	EXTRACTION PROGRAM	EXTRACTION COMMANDS
UNIX	Check your Unix host site	These commands are issued in your Unix home directory (%).
filename.tar	tar	tar xf filename.tar
filename.Z	uncompress	uncompress filename.Z
DOS	DOS users must obtain these.	Issue commands on the PC after the file is downloaded.
filename.arc	arc.exe	arc e filename (x)
filename.zip	pkunzip.exe	pkunzip filename
filename.zoo	zoo.exe	zoo e filename (x,-extract)
MACINTOSH	Mac users must obtain these.	Process on the Mac after the file is downloaded.
filename.hqx filename.sit filename.sea (or combinations of these)	*Stuffit Expander*	Drag the icon of the downloaded item on top of the *Stuffit Expander* icon. It does the rest with no commands.

CLIENT SOFTWARE

Macintosh and Windows users may wish to use client applications to perform FTP. The clients listed below are free and are available via anonymous FTP from the sites listed.

Computer Type	Client Name	FTP Site
Mac	Fetch (free)	ftp://sumex-aim.stanford.edu/info-mac/_Communication/_MacTCP/fetch-212.hqx
PC	WS_FTP (free)	ftp://ftp.cica.indiana.edu/pub/pc/win3/winsock/

Once downloaded, the client software may need to be "unzipped" or expanded in order to operate. The most common compression tools are *PKUNZIP* for the PC (ftp://oak.oakland.edu/SimTel/msdos/zip/pkz204g.exe) and *Stuffit Expander* for the Mac (ftp://sumex-aim.stanford.edu/info-mac/cmp/stuffit-expander-352.hqx). FTP clients require very little configuration after decompression.

LIBRARY SERVICES NEWS

Where Are the Class Schedules?

In the past, class schedules were reprinted in every issue of the *IAIMS Newsletter.* This year, in an effort to save paper and reduce the cost of producing the newsletter, the class schedules will appear in the October, January, April and June issues. Class schedules are found at the following gopher and web addresses:

Computer Center Classes
http://www.utah.edu/HTML_Docs/Schedules/Comp_Cal.html
Eccles Library Classes
http://www-medlib.med.utah.edu/education/workshop.html
Marriott Library Classes
http://www.lib.utah.edu/instruction/fall95.html
Medical Informatics Seminars
gopher://library.med.utah.edu/00/library/info-services/news/miseminars

Announcements of classes held at Eccles Library are also sent out via electronic mail at the beginning of each quarter to the MC/SCUG mailing list. To be added to the MC/SCUG mailing list, send an e-mail message to: **listserv@ ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe MCSCUG**

IAIMS NEWSLETTER

Deadline and Mailing List

The purpose of the *IAIMS Newsletter* is to keep the campus community informed on all aspects of computer and information technology as well as on the services provided by the Spencer S. Eccles Health Sciences Library. Articles on computer and information technology events, applications, services, education, etc. are welcome. To contribute articles to the *IAIMS Newsletter*, contact Joan M. Gregory at the address indicated below. **The deadline for the December 1995 issue of the *IAIMS Newsletter* is: November 15, 1995.**

To be added to the electronic distribution list for the *IAIMS Newsletter*, send an e-mail message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe IAIMS** To be added to the **printed** newsletter mailing list, send the following information to: Joan M. Gregory, Editor, *IAIMS Newsletter*, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. VOICE: (801)581-5269. FAX: (801)581-3632. INTERNET: joang@ecclab.med.utah.edu.

***IAIMS NEWSLETTER* MAILING LIST**

Please add my address to the **printed** *IAIMS Newsletter* Mailing List.

Name: _____

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University of Utah Campus Address: _____

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IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Spring 2005 *Volume 20 InfoFair 2005 Spring Supplement*

InfoFair 2005

Building Partnerships Bridging Disciplines

Tuesday, March 29, 2005

presented by
The University of Utah
Spencer S. Eccles Health Sciences Library

sponsored by
The University of Utah Health Sciences Center

InfoFair is an annual event at the University of Utah Health Sciences Center with the goal of providing up-to-date information on computer applications, resources and services as well as a glimpse into the future of computers and computing in the health sciences.

The theme of InfoFair 2005 is **Building Partnerships: Bridging Disciplines**. The Clifford C. Snyder, M.D. and Mary Snyder Lecturer is Palmer Taylor, Ph.D.; Sandra and Monroe Trout Chair in Pharmacy; Dean, Skaggs School of Pharmacy and Pharmaceutical Sciences; Associate Vice Chancellor, Health Sciences, University of California at San Diego.

A **Meet the Experts** panel discussion follows Dr. Taylor's lecture. Panelists include Susan Beck, Ph.D, APRN, FAAN, Donald Blumenthal, Ph.D., Lynn Jorde, Ph.D., and Larry Reimer, M.D., with moderator Wayne J. Peay. Questions and input from the audience is encouraged.

The afternoon sessions begin at 1:00 P.M. with a presentation about the **clinical practice area** in the new Health Sciences Education Building. Sandra Haak, APRN, Ph.D. and Caroline Milne, M.D. will present. A second afternoon session begins at 2:30 P.M. and focuses on **new teaching technologies** that will be available in the Health Sciences Education Building. Nancy Lombardo, Wayne Peay, and Hang Wong will present.

The University of Utah Bookstore and the Office of Software Licensing will be available from noon until 1:00 P.M.on the main level of the Eccles Library. They will display products and answer questions related to hardware and software.

Plan to visit the **Web Gallery: Building Partnerships; Bridging Disciplines.** The Web Gallery provides quality links to websites that discuss interdisciplinary health sciences education and the creation of partnerships between disciplines. Visit the Web Gallery at **http://library.med.utah.edu/or/infofair/infofair2005/gallery.html**

The Clifford C. Snyder, M.D. and Mary Snyder Lectureship

Dr. Clifford C. Snyder, Professor of Surgery, founded the Division of Plastic and Reconstructive Surgery at the University of Utah School of Medicine in 1967 and served as chair of that division until 1985 when he was appointed Professor Emeritus of Surgery and Associate Dean of the School of Medicine. Throughout his career, Dr. Snyder has been an ardent supporter of the Eccles Library. Dr. Snyder's endowment of The Clifford C. Snyder, M.D. and Mary Snyder Lectureship provides funding for the featured presentation at InfoFair.

Clifford C. Snyder, M.D.

Mary Snyder

InfoFair 2005 Program

The Clifford C. Snyder, M.D. and Mary Snyder Lecture and Panel Discussion

Location: George and Dolores Eccles Institute of Human Genetics Auditorium

9:30 A.M.-10:30 A.M. **Introduction**
Wayne J. Peay, Director, Spencer S. Eccles Health Sciences Library

Informatics Exposure in a Coordinated Health Sciences Curriculum
Palmer Taylor, Ph.D., Sandra and Monroe Trout Chair in Pharmacy; Dean, Skaggs School of Pharmacy and Pharmaceutical Sciences; Associate Vice Chancellor, Health Sciences, University of California at San Diego.

10:30 A.M.-11:00 A.M. **Refreshments**

11:00 A.M.-Noon **Meet the Experts**—Panel Discussion
Moderator: *Wayne J. Peay*
Panelists: *Palmer Taylor, Ph.D.*
Susan Beck, Ph.D., APRN, FAAN
Donald Blumenthal, Ph.D.
Lynn Jorde, Ph.D.
Larry Reimer, M.D.

Exhibits

Noon-1:00 P.M. University of Utah Bookstore and the University of Utah Office of Software Licensing
Location: Spencer S. Eccles Health Sciences Library—main level

Afternoon Presentations

Location: Spencer S. Eccles Health Sciences Library—History of Medicine Room, upper level

1:00 P.M.-2:15 P.M **Multidisciplinary Use of New Health Sciences Education Building (HSEB) Clinical Area**
Presenters: *Sandra Haak, APRN, Ph.D.*
Caroline Milne, M.D.

2:15 P.M.-2:30 P.M. **Break**

2:30 P.M.-3:45 P.M. **New Technologies in the Health Sciences Education Building (HSEB)**
Presenters: *Nancy T. Lombardo*
Wayne J. Peay
Hang Wong

Web Gallery: Building Partnerships; Bridging Disciplines
http://library.med.utah.edu/or/infofair/infofair2005/gallery.html

InfoFair 2005: Building Partnerships; Bridging Disciplines
http://library.med.utah.edu/or/infofair/infofair2005/index.php

The Clifford C. Snyder, M.D. and Mary Snyder Lecturer

Palmer Taylor, Ph.D.

Sandra and Monroe Trout Chair in Pharmacy; Dean, Skaggs School of Pharmacy and Pharmaceutical Sciences; Associate Vice Chancellor, Health Sciences, University of California at San Diego.

Dr. Palmer Taylor is the Founding Dean of University of California San Diego's Skaggs School of Pharmacy and Pharmaceutical Sciences. He is also Associate Vice Chancellor for Health Sciences and he holds the Sandra and Monroe Trout Chair in Pharmacology. He was Chair of the UCSD Department of Pharmacology since its inception in 1987 and up to his appointment as Founding Dean of the pharmacy school. The Department of Pharmacology is ranked first in the nation among public institutions in research dollars generated, second among all departments in citations per publication, and third in the National Research Council ranking of graduate programs in pharmacology.

After completing a baccalaureate degree in pharmacy, Dr. Taylor received his doctoral degree in 1964 from the University of Wisconsin. He held a fellowship at the National Institutes of Health from 1968-70, followed by an NIH continuation fellowship that allowed him to work with the prestigious Max Planck Institut fur Physikalsche Chemie in Gottingen, Germany.

Nationally recognized as a leader in pharmacology research, Dr. Taylor is a member of the National Academy of Sciences' Institute of Medicine and former president of the American Society for Pharmacology and Experimental Therapeutics. He has been a member of the National Advisory Council of the National Institutes of General Medical Sciences, the Advisory Committee to the Director of the National Institutes of Health, and a Congressional Task Force on Environmental Health Sciences, and he served as a delegate to the International Union of Pharmacology and the Council of Academic Societies of the American Association on Medical Colleges.

His research interests include the structure and function of receptors and enzymes involved in neurotransmission. His lab studies functional coupling of receptors to cellular responses, specificity of ligand recognition by acetylcholine receptors and acetylcholinesterase, and the structures of cholinesterases and nicotinic acetylcholine receptors. A second area of investigation involves the regulation of expression of the genes encoding these proteins during differentiation and synaptogenesis in neurons, skeletal muscle, and hematopoietic cells.

More than any other faculty member, Dr. Taylor was instrumental in establishing the new pharmacy school at UCSD, which is only the second public school of pharmacy in the state and the first in southern California.

The Clifford C. Snyder, M.D. and Mary Snyder Lecture Abstract

Informatics Exposure in a Coordinated Health Sciences Curriculum

Training in medicine and pharmacy historically has been conducted with discrete and separate curricula, despite the need for a common knowledge base and for achieving an understanding of the discipline or specialty expertise of partnering professionals. Typically, professional students receiving M.D. and Pharm.D. degrees and entering the healthcare team have been isolated from one another until they appear on hospital ward teams.

Many Ph.D. students conducting biomedical research within the shadows of the major medical centers, and likely supported by the National Institutes of Health (NIH) receive no training in human oriented biochemistry and physiology, the pathology of disease states and therapeutic agents and outcomes.

In the past, the training of physicians and pharmacists included a Latin-based language or coding system to allow communication between the professions to be encrypted from the patient. Even at the time of delivery of the medication to the patient, the label contained only directions related to the dosage regimen, but no information on the medication itself. Several elements of discontent provided the ferment for change. Patient frustration regarding lack of information about their condition or therapy, medical errors resulting from encrypted information or unclear abbreviations and a recognition that professional training covering all elements from diagnosis to therapy and outcomes should be a shared experience.

Accordingly, further changes are needed in coordinating training among the health care professions, encouraging continual communication between professions and developing a cost-effective team approach to health care. Within this framework, academic medical centers should be the stage for initiating the change and disseminating the information to the community.

For example, a primary benefit of sequencing the human genome will be the genotype-phenotype correlations that affect drug responses, yet this information can not be confined to the academic silo and ivy tower. Moreover, it should be packaged in a way that can be useful to the practitioner, and practitioners of the future should be suitably trained to process the data and appropriately counsel the patient. Genetic counseling as related to therapeutic outcomes will impact a great segment of the population increasing the demands for data access, confidentiality and therapeutic expertise at the grass root sites. The practitioners of the future must access this information, interpret it and deliver appropriate patient counsel. Hence, the academic health science library should play a dual role in providing an information resource to the practitioner and training its graduates with the skills to use the resource effectively.

Presenters, Panelists, Moderators

Susan Beck, Ph.D., APRN, FAAN

Associate Professor, College of Nursing, University of Utah

Susan L. Beck, Ph.D., APRN, FAAN, is Associate Dean for Research and Associate Professor at the University of Utah College of Nursing. She is a co-coordinator and faculty member in the on-campus and distance oncology doctoral programs. As Associate Dean for Research, she leads the Emma Eccles Jones Nursing Research Center and oversees the research support resources. Dr. Beck has over 20 years of experience as an advanced practice oncology nurse and holds national certification as an AOCN. Dr. Beck's research interests include the management of symptoms in cancer patients and interventions to improve patient outcomes and quality of life. She received the ONS Distinguished Service Award in 2003.

Dr. Beck is a member of the Steering Committee of the Huntsman Cancer Institute Cancer Control and Population Science Program and the Advisory Boards of the Pharmacotherapy Outcomes Research Center and the Pain and Palliative Medicine Program at HCI. She is a member of the ONS Oncology Nurse Sensitive Outcomes Team.

She currently is a co-investigator in two multi-site clinical trials of a nursing intervention to mitigate cancer treatment-symptoms and principal investigator of a study of rural and urban elderly cancer survivors.

Donald Blumenthal, Ph.D.

Associate Professor, Pharmacology and Toxicology, Adjunct Professor in Biochemistry, Adjunct Associate Professor of Medical Informatics, College of Pharmacy, School of Medicine, University of Utah

Dr. Blumenthal teaches pharmacology in both the School of Medicine and the College of Pharmacy. He has long been interested in using technology in and out of the classroom to enhance teaching and learning, and has helped to develop NetPharmacology (a website for information on cardiovascular pharmacology), the HyperHeart animation (an animated tutorial of the cardiac cycle), and QuizMaker (a database tool for building web-accessible questionbanks). His current teaching interests are in the use of PDAs and online drug information resources to enhance the teaching of pharmacology early in the training of health professionals.

Sandra Haak, APRN, Ph.D.

Associate Professor (Clinical), College of Nursing, University of Utah

Sandra Watt Haak is an Associate Professor (Clinical) at the College of Nursing at the University of Utah. Sandra joined the nursing faculty in 1978 as a clinical instructor and has held numerous positions as an academic and hospital educator. She has been the Director of the Learning Resource Center at the College of Nursing since 2002. Sandra has received a number of awards, most recently, the Excellence in Leadership Award, Gamma Rho Chapter, Sigma Theta Tau International (2003). She has a keen interest in use of technology and simulation in nursing education. Research projects include the use of Iliad to improve diagnostic reasoning in nurse practitioner students, the development of a computer tool for eliciting and describing clinical nursing judgment performance and drug compliance among adult hypertensives. Sandra developed six interactive videotape and videodisc tutorials and testing programs between 1987 and 1993. Service to the academic community includes participation on University, Health Sciences and College Committees: the Undergraduate Council (2001-2004), the Health Sciences Education Building, clinical area subcommittee (2002-present) and Baccalaureate Curriculum Committee (1999 to present, chair

2002-2004).In addition, Sandra is a chapter officer and a regional officer of the Honor Society of Nursing, Sigma Theta Tau International.

Lynn Jorde, Ph.D.

Professor, Department of Human Genetics, School of Medicine, University of Utah

Dr. Lynn Jorde has been on the faculty of the University of Utah School of Medicine since 1979 and is now a Professor in the Department of Human Genetics. Dr. Jorde's laboratory is actively involved in studies of human genetic variation and in studies of the genetic basis of human limb malformations. He has published more than 170 scientific articles on these and related subjects.

He has received ten teaching awards at the University of Utah School of Medicine, including the Outstanding Pre-Clinical Professor Awards from the graduating medical classes of 2002, 2003, and 2004 and the Leonard W. Jarcho Distinguished Teaching Award in 2003.

In addition to his academic pursuits, Dr. Jorde is an avid hiker and cross-country skier. He enjoys photography, gardening, traveling, and playing the piano. He has the peculiar distinction of once having been invited to appear on the Jerry Springer Show.

Nancy T. Lombardo

Systems Librarian, Spencer S. Eccles Health Sciences Library, University of Utah

Nancy Lombardo received her Master of Library Science from Emporia State University in August 1994 and accepted a position at the Eccles Library in October 1994. Nancy is the co-principal investigator for a Higher Education Technology Initiative Grant that led to the development of the virtual course Internet Navigator. As the Systems Librarian, Nancy works with the library's technical staff to coordinate, maintain and improve the library's technological capabilities. In addition, Nancy teaches a variety of Internet classes and works with library faculty and staff on projects to enhance Eccles Library services through appropriate use of technology.

Caroline Milne, M.D.

Assistant Professor (Clinical) Department of Internal Medicine, School of Medicine University of Utah

Caroline Milne, M.D., is an Assistant Professor (Clinical) at the University of Utah School of Medicine. She joined the faculty in 2001 after completing a fellowship in Medical Education at the University of Pennsylvania. She is currently Associate Program Director for Residency Training with the Department of Medicine and Director of Clinical Skills Exams with the School of Medicine. She practices general internal medicine at the VA Medical Center.

Wayne J. Peay

Director, Spencer S. Eccles Health Sciences Library, University of Utah

Wayne Peay received his B.A. in history from the University of Utah in 1973 and his M.S. degree in Library Service, with honors, from Columbia University in 1977. He has held positions at the Washington University School of Medicine Library, and the Medical Library Center of New York. He was appointed to the library faculty of the Spencer S. Eccles Health Sciences Library in 1977 and was named director in 1984. He has served as president of the Association of Academic Health Sciences Library Directors and as a member of the Board of Directors of the Medical Library Association. He is also currently director of the Midcontinental Regional Medical Library Program of the National Network of Libraries of Medicine.

Larry Reimer, M.D.

Assistant Dean for Curriculum and Graduate Medical Education, Professor of Medicine and Pathology, School of Medicine, University of Utah

Larry Reimer is a Professor of Medicine and Pathology at the University of Utah, and is the Chief of

Infectious Diseases, and Chief of Clinical Microbiology at the VA Medical Center in Salt Lake City. He completed a residency in internal medicine at the University of Arizona in 1978, and a fellowship in infectious diseases and microbiology at the University of Colorado in 1981. He has been at the University of Utah since 1984. He is the sole provider of HIV care at the VA Medical Center and is one of the physicians providing HIV care at the University of Utah. He directs a medical student course and a physician assistant student course in microbiology. He is the director of the University of Utah Postgraduate Fellowship in Clinical Microbiology offered through the Council on Postgraduate Education Programs of the American Academy of Microbiology. He is the Assistant Dean for Curriculum and Graduate Medical Education of the University of Utah School of Medicine.

Hang Wong

Systems Administrator, Spencer S. Eccles Health Sciences Library, University of Utah

Hang Wong earned a B.S. degree in Accounting from the University of Utah. Prior to working at Eccles Library, Hang was the CFO/CIO for a private investment company and he served as a Systems Administrator for the Eccles Institute for Human Genetics. Hang is also a self-proclaimed Mac-evangelist.

InfoFair 2005 Abstracts

Meet the Experts Panel Discussion

Local panelists join Dr. Taylor in discussing issues related to interdisciplinary training for the health sciences professions. The panel moderator is Wayne J. Peay. Panelists include Susan Beck, Ph.D., APRN, FAAN, Donald Blumenthal, Ph.D., Lynn Jorde, Ph.D. and Larry Reimer, M.D.

Noon Exhibits

From noon to 1:00 P.M. on the main level of the Spencer S. Eccles Health Sciences Library, InfoFair participants will have access to representatives from the University of Utah Office of Software Licensing and the University of Utah Bookstore. The representatives will be available to answer your questions about the products they sell.

The University of Utah Office of Software Licensing will be showing many of today's popular software products available to University students, staff, and faculty at reasonable prices.

The electronic experts from the University of Utah Bookstore will answer your questions about their merchandise and will be demonstrating some of the more popular handheld and mobile computing devices.

Multidisciplinary Use of New Health Sciences Education Building (HSEB) Clinical Area

With the completion of the new Health Sciences Education Building, all health sciences disciplines will have access to the clinical area. This space is designed to simulate an outpatient clinic setting and to be used as an instructional space or as an examination space. This is new to the health sciences campus. In the past the educational programs have used off hours clinic time and the College of Nursing's in-patient simulation space. The presenters will describe the School of Medicine's and the College of Nursing's plans to use the clinical area in their curriculums.

At the end of the presentation, attendees will be able to:

1. Describe how the Clinical area will be used for the Objective Structured Clinical Examinations (OSCE) required of medical students.
2. Describe the medical students' use during the Physical Diagnosis course.
3. Describe how the College of Nursing will use the Clinical area for Standardized Patient Examinations.
4. Describe the nurse practitioner and pharmacy students' use during the Adult Assessment and Health Promotion course.

New Technologies in the Health Sciences Education Building (HSEB)

As the new HSEB construction nears completion, the library is preparing to assist Health Sciences faculty, students and staff take full advantage of the technologies incorporated into the building. The presenters will provide an overview of the building and highlight its teaching and learning technologies. The new classrooms will be described, with demonstration of the teaching podium used to control the computing, projection, and sound system in each room. It will be explained how the building's wireless (and wired) network allows users to work and interact throughout the building. Specialized computer laboratories and distance education classrooms, designed to provide enhanced teaching and learning spaces, will be highlighted. Discussion of the high tech clinical skills area will be detailed. Use of innovative technologies, including Tablet PCs, USB memory keys, webcasting, and new video-conferencing tools will also be covered in the presentation.

Web Gallery: Building Partnerships; Bridging Disciplines

Enhancing interdisciplinary teamwork among the health disciplines is vital to the quality and efficiency of health care delivery. Health care providers increasingly rely on collaborative approaches in the delivery of health care no matter their location—rural, underserved or urban areas. With the completion of the University of Utah's Health Sciences Education Building (HSEB) this summer, opportunities abound for building interdisciplinary teamwork skills among students and professionals within the academic disciplines of medicine, nursing, pharmacy and health. Tour the Infofair 2005 Web Gallery to find links to reports, articles and websites relevant to the interdisciplinary patient care team in health sciences education and practice. **http://library.med.utah.edu/or/infofair/infofair2005/gallery.html**

Directions and Parking

The Spencer S. Eccles Health Sciences Library is located on the University of Utah Health Sciences Center campus just south of the University Hospital/School of Medicine building and northeast of the College of Nursing. The George and Dolores Eccles Institute of Human Genetics is located southeast of the Eccles Library. Signs on Wasatch Drive and North Medical Drive mark the route to the Eccles Library. A brochure on *Transportation to Eccles Library* is available by contacting the Reference Desk 801-581-5534 or via the Web at: **http://library.med.utah.edu/lib/howtofindus.php**

Visitor parking is available on the first level of the parking terrace east of the Biomedical Polymers building. The lot is regulated by a ticket and the fee is $1 per hour to a maximum fee of $8 per day. Additionally, a coin-operated metered parking lot is available directly west of the Eccles Library. A day pass can be purchased for $3.00 at the Eccles Library.

For a parking brochure or further information about parking at the University of Utah, contact Commuter Services at 801-581-6415; website: **http://www.parking.utah.edu**

The University Department of Commuter Services provides free shuttles across campus from 6:00 A.M. to 7:00 P.M. Monday through Friday, late evening and weekend service is available. Contact Shuttle Customer Service 801-581-4189 for details.

The Utah Transit Authority (UTA) serves the University of Utah with 21 direct routes including two express routes from Weber and Utah counties and TRAX service to the Health Sciences Center (Medical Center stop). Call UTA at 801-287-4636 for details and schedule information.

Special Assistance Provided By

The Staff and the Education Team of the
Spencer S. Eccles Health Sciences Library
The George and Dolores Eccles Institute of Human Genetics
University of Utah School of Medicine
Department of Medical Informatics
The University of Utah Health Sciences Center
Office of Public Affairs

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Donald Blumenthal, Ph.D.
Jeanne Le Ber
Nancy Lombardo
Wayne J. Peay

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Jeanne Le Ber
Education Services Librarian, Spencer S. Eccles Health Sciences Library, University of Utah

Niloofar Bakhti, Facilitators Coordinator
John Bramble, Exhibit Coordinator
Nancy T. Lombardo, Video/broadcast; Session II
Mary McFarland and Allyson Mower, Web Gallery
Amber Molyneaux, Financial Coordinator
Allyson Mower and Susan Roberts, Publicity
Wayne J. Peay, The Clifford C. Snyder, M.D. and Mary Snyder Lectureship Coordinator
Camille Salmond, Display Case Coordinator
Sherelyn Sandberg, Hospitality Coordinator

Questions

If you have questions about InfoFair, please contact us:
University of Utah
Spencer S. Eccles Health Sciences Library
10 North 1900 East
Salt Lake City, UT 84112-5890
PHONE: 801-585-6744 or 866-581-5534
FAX: 801-581-3632
Email: jeannele@lib.med.utah.edu
Web: http://library.med.utah.edu/or/infofair/infofair2005/index.php

UNIVERSITY OF UTAH
ECCLES HEALTH SCIENCES LIBRARY
10 N 1900 E
SALT LAKE CITY UT 84112-5890

InfoFair 2005

Building Partnerships

Bridging Disciplines

Tuesday, March 29, 2005

Phone Numbers

Acquisitions	801-587-9247
Administration	801-581-8771
Hours/Renewals	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4685
Gifts to Library	801-587-9247
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Media Services	801-581-8052
Outreach	801-587-3493
Regional Medical Library	800-338-7657
	801-587-3412
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

The *IAIMS Newsletter* is published 3 times a year (August, January, May), with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah
Editor: Jeanne Le Ber
Phone: 801-585-6744
Fax: 801-581-3632
Email: jeannele@lib.med.utah.edu
URL: http://medlib.med.utah.edu/

IAIMS NEWSLETTER

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MC/SCUG

Medical Center / Small Computer Users Group

Wednesday, June 5, 1996
NOON

Delivery of Healthcare Information and Services via the World Wide Web

Mike Donahue, Vice President Consulting Services, and Keith Hill, Director of Marketing, Network Publishing, Inc., Provo, Utah

Network Publishing, Inc. specializes in Web site development and has designed sites for Novell, Intermountain Health Care (IHC) and Blue Cross/Blue Shield of Utah (BCBS). The IHC and BCBS sites will be highlighted. A discussion of the role of the Internet and the World Wide Web in the delivery of healthcare information and services will round out the presentation.

Come with your questions, your lunch and your friends to the final MC/SCUG meeting of the 1995-96 academic year, Wednesday, June 5, 1996 at NOON in Classroom C, School of Medicine Building.

ABOUT THE MEDICAL CENTER SMALL COMPUTER USERS GROUP

MC/SCUG is an informal group of computer users who enjoy keeping informed about the latest developments in computer applications of all types. Monthly presentations focus on current topics of interest. There is no membership fee. You are welcome whenever you are able to come. MC/SCUG meetings are held on the first Wednesday of the month (except during April and during the Summer Quarter) in Classroom C, School of Medicine Building. If you would like more information about MC/SCUG or if you would like to suggest a topic for a MC/SCUG meeting, please contact Joan M. Gregory, Coordinator, MC/SCUG, Spencer S. Eccles Health Sciences Library, (801) 581-5269, INTERNET: joang@ecclab.med.utah.edu. If you are interested in receiving e-mail notification of future MC/SCUG meetings, send an e-mail message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe MCSCUG**

IN THIS ISSUE

MC/SCUG Meeting..... 1
Web Weavers Camp 2
Eccles Library Classes 3-5
UUCC and Marriott Short Courses and Medical Informatics Seminars 5
Internet Basics**:** Finding Information On The Web: LYCOS..... 6-8
The Multimedia Library Project 8-9
Library Services News: Disks for Sale, Library Hours 9
Library Services News: Dissertations for Sale, Phone Renewals, Horizon 4.1 10
Internet Resources: Toxic Release Information 11-14
University of Utah Printing Services Announces Docutech 14
IAIMS Newsletter Deadline and Mailing List..... 15

WEB WEAVERS CAMP FOR HEALTH SCIENCES EDUCATORS

June 27-28, 1996

Spencer S. Eccles Health Sciences Library, University of Utah, Salt Lake City, UT

The Knowledge Weavers Team is offering an intensive 2-day hands-on learning "camp" for health sciences educators who are interested in producing multimedia materials on the World Wide Web. The camp will be held at the Spencer S. Eccles Health Sciences Library in Salt Lake City, but is open to any educator in the health sciences with an interest in this field.

The two-day curriculum includes both hands-on classes as well as lab time with individual attention from the instructors. Participants should plan to bring materials with them to begin creation of their Web pages. Courses will be taught using the Windows 95 platform, but participants may also use a Macintosh during the lab time.

The camp is limited to 20 participants. Cost is $50.00 to cover handouts and food.

PRE-REQUISITE EXPERIENCE

Participants should:

- have basic computer skills on either the Windows or Macintosh platforms (using a mouse, copying and moving files, and using a text editor)
- have experience using a World Wide Web browser such as *Netscape*

SCHEDULE

Day 1

8:00 am .....Welcome and introductions
8:30 am .....Introduction to Health Sciences Education on the Web
9:30 am .....Introduction to HTML: lecture and hands-on practice
NOON.....LUNCH
1:30 pm .....Scanning graphics for the Web: lecture
3:30 pm .....Lab time for individual practice

Day 2

8:00 am .....Review and questions from Day 1
8:30 am .....Advanced HTML: lecture and hands-on practice
NOON.....LUNCH
1:30 pm .....Lab time for individual practice

REGISTRATION

To register, or for further information, please e-mail Sharon E. Dennis at sdennis@ecclab.med.utah.edu or call her at (801) 585-3928. Registrations will be taken on a first-come, first-served basis.

For more information about the Knowledge Weavers project, check the Knowledge Weavers Web site at http://www-medlib.med.utah.edu/kw/.

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

Sessions are FREE unless otherwise indicated.

Classes for which a fee is charged require payment in advance to reserve your place in the class.

Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

The workshops and classes described below are presented on a regular basis by the faculty of the Spencer S. Eccles Health Sciences Library. Schedules are printed in the October, January, April and June issues of the *IAIMS Newsletter*. The Summer Quarter 1996 schedule is printed below. This schedule is also available electronically via the Library's Web site along with a list of ALL classes taught whether they are scheduled during the current quarter or not: **http://www-medlib.med.utah.edu/education/workshop.html**. Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

Sessions are FREE unless a charge is indicated. Classes for which a fee is charged require payment in advance to reserve a place in the class. Registration is on a first-come/first-served basis. **Please fill in the registration form below and return it to the library with your payment.** A postcard will be sent to confirm your registration. If for any reason you need to cancel, please call at least 48 hours in advance. Refunds will only be issued with 48 hours notice. Phone registration will be accepted only for classes that do not have a fee. To register for one of the free classes or for more information, call (801) 581-5534.

LOCATION: Computer Classrooms, Lower Level, Eccles Library (unless otherwise indicated).

Workshops and Classes Registration Form
Spencer S. Eccles Health Sciences Library
Bldg 589 / University of Utah / Salt Lake City, UT 84112

Please fill in the following information completely and return to the above address. Registration for classes is accepted by mail or in-person, and is on a first-come/first-served basis. Payment must accompany registration. Your registration will be confirmed by mail. Make check payable to: Eccles Library.

Name: _____ Phone: (w) _____ Phone: (h) _____
Address: _____
City/St/Zip: _____
Class name: _____
Class date: _____ Class time: _____ Cost of class: _____
❑ Yes! Send me a UU parking day pass for $2.50 Cost of parking: _____
Total enclosed: _____

Tours and Orientations

Tours and orientations are conducted to familiarize faculty, staff and students with library resources and services. Brief tours introduce users to information sources and location of library materials, and present an overview of available services. Detailed instruction in the use of compact disc databases, subject-specific sources, and other reference sources can be arranged. Contact instructor to arrange for a tour or orientation. Instructor: Jeanne M. Le Ber; (801) 581-5534; INTERNET: jeannele@ecclab.med.utah.edu.

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

Sessions are FREE unless otherwise indicated.

Classes for which a fee is charged require payment in advance to reserve your place in the class.

Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

Introduction to CD–ROM Databases

Participants learn the basic mechanisms for searching CD-ROM databases that are available at the Eccles Library. Databases include: Aidsline, Bioethicsline, CINAHL (Nursing & Allied Health Literature), HealthPlan, MEDLINE, Sport Discus, TOXLINE and PsycLIT. Arrangements can be made for a date and time that better suits your schedule. Instructors: Jeanne M. Le Ber; (801) 581-5534; INTERNET: jeannele@ecclab.med.utah.edu, or Patricia Arter; (801) 581-4686; INTERNET: parter@ecclab.med.utah.edu

Friday, June 7 ,1996	2:00 pm - 3:00 pm
Friday, July 12, 1996	2:00 pm - 3:00 pm
Friday, July 26, 1996	3:00 pm - 4:00 pm
Friday, August 9, 1996	2:00 pm - 3:00 pm

Finding Information on the Internet

Learn how to search for the information you need on the Internet using *Netscape*. This class explains how to navigate the Internet using *Netscape* and offers instruction and hands-on practice in how to use YAHOO, WebCrawler, and other Internet searching tools to find the Internet resources you need. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructor: Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu.

Friday, July 10, 1996 PC 9:30 am - NOON

Introduction to HTML

Learn how to create documents to be served over the World Wide Web using the HyperText Markup Language (HTML). This course will cover the basics of HTML coding as well as good document design practices. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructor: Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu

Wednesday, September 4, 1996 PC 9:00 am - NOON

Advanced HTML

This hands-on workshop will cover several advanced HTML features including forms, tables, and imagemaps. Participants will practice using existing CGI scripts, such as CGIEMAIL, to receive input from forms. Prerequisite: Knowledge of basic HTML. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructor: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu

Friday, September 13, 1996 PC 9:00 am - NOON

Introduction to *JavaScript*

JavaScript is an easy to use scripting language for programming interactivity into Web pages. This hands-on class will introduce participants to basic *JavaScript* programming. Prerequisite: Knowledge of basic HTML and experience with another scripting language such as HyperTalk or dBase. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructor: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu

Friday, June 14, 1996 PC 9:30 am - NOON

ECCLES LIBRARY CLASSES

Descriptions and Schedules

Bibliographic Management

Learn to manage your reprint files and create properly formatted bibliographies for your publications using either *Papyrus* or *EndNote*. Instructor: Jeanne M. Le Ber; (801) 581-5534; INTERNET: jeannele@ecclab.med.utah.edu.

***EndNote* for the Macintosh**
Friday, July 19, 1996 3:00 pm - 5:00 pm

***Papyrus* for the PC**
Friday, August 2, 1996 3:00 pm - 5:00 pm

SUMMER QUARTER SCHEDULES

UUCC Short Courses and Free Internet Seminars, MARRIOTT LIBRARY Short Courses, and MEDICAL INFORMATICS Seminars

UUCC SHORT COURSES AND FREE INTERNET SEMINARS

The University of Utah Computer Center (UUCC) offers a variety of Macintosh, PC (DOS) and PC (Windows) short courses during the summer quarter at the Computer Center, (801) 581-6802. Register **IN PERSON** at the facility where the course is scheduled to be taught. Courses are free to registered students. A fee of $15 per course is charged for staff, faculty and their spouses. The fee for non-University of Utah participants is $50.

The University of Utah Computer Center also offers **FREE** Internet Seminars for students, faculty and staff of the University of Utah during the summer quarter. No preregistration is required, but seating is limited.

The summer schedules for the UUCC Short Courses and Internet Seminars will be available in June. An electronic version of the schedules will be available via the Web: **http://www.cc.utah.edu/.** The links to follow are titled "Seminars" and "Short Courses." For further information, contact Jay Deuel, Computer Center, (801) 581-8343, Internet: jay@cc.utah.edu or the Computer Center Help Line at (801) 585-4357 (585-HELP).

MARRIOTT LIBRARY SHORT COURSES

Marriott Library offers short courses on the use of electronic databases (including Lexis/Nexis, FirstSearch, UMI Periodical Abstracts and InfoTrac), Internet tools (such as Listservs, Newsgroups, Telnet, Archie and FTP, Gopher, and the World Wide Web) and electronic sources in various subject areas. There will be no summer courses. The fall schedule will be published in September. The schedule will be made available via Marriott Library's web site: **http://www.lib.utah.edu/instruction/mltech.html**. For further information, contact Kenning Arlitsch, Technology Instruction Librarian, (801) 585-3721, INTERNET: karlitsc@alexandria.lib.utah.edu

MEDICAL INFORMATICS SEMINARS

The Department of Medical Informatics will not host seminars this summer. The seminars will continue in the fall. To see a schedule of the University of Utah Department of Medical Informatics seminars check out their web site: **http://www.med.utah.edu/medinfo/**

INTERNET BASICS

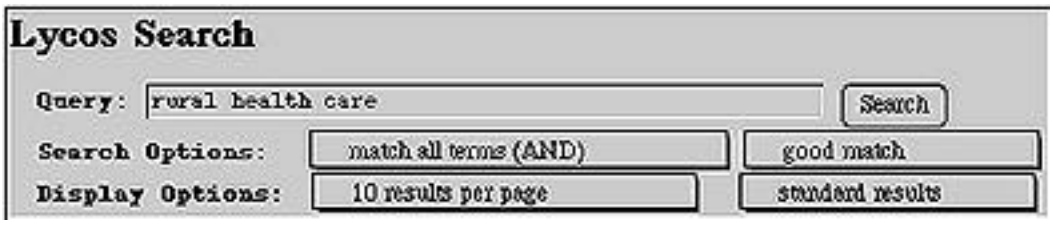
Finding Information On The Web: LYCOS

by
Nancy T. Lombardo,
Affiliate Librarian,
Internet Services,
Spencer S. Eccles
Health Sciences
Library

LYCOS (http://lycos.cs.cmu.edu/) is one of the more robust Internet indexing services. Lycos is easy to use and fast with its retrieval. The service claims to index more than 90% of the Web, so the database is very large. Lycos offers three basic services: the searchable index, a browsable directory called A2Z, and a link to the Point Communications site which reviews Web sites and rates them on a 50 point scale.

Search Techniques Available

To take advantage of some of the more useful search features, click on the "enhance your search" link below the search field on the Lycos home page. This will allow you to specify some additional options. These include:



Search Options: Lycos does not use true Boolean search techniques (AND, OR, NOT) but they do offer a similar feature in the search options. By choosing "match all terms", you are essentially specifying the AND function. By selecting "match any terms", you are specifying the OR function. If you wish to exclude terms from your search, you must "prepend" the term with the " - ".

Display Options: The display options allow you to limit the number of results displayed per page. The default is 10. Regardless of the number selected, you have access to the entire set of retrieved items. At the bottom of the page, below the initial 10 items, there will be a link to the next 10 items. You also have the option to determine the type of display. A standard display is shown below. Summary results provide a very brief list of titles and relevance ratings only. The detailed display provides additional information about the retrieval.

Examples:

Mountain Climbing -Colorado	Find the terms Mountain and Climbing but not Colorado
black hawk -hockey	Find the terms black and hawk but not the term hockey

Retrieval Results

After submitting your search, Lycos returns information about the search itself. This information outlines how many documents contain each of your terms and exactly which terms are searched. Lycos automatically assumes truncation of your keywords, as is shown in the information below. Notice that the keyword "care" retrieved such terms as career, careful, etc.

INTERNET BASICS

Finding Information On The Web: LYCOS

by
Nancy T. Lombardo,
Affiliate Librarian,
Internet Services,
Spencer S. Eccles
Health Sciences
Library

Lycos search: rural health care
April 6, 1996 catalog (39,234,039 unique URLs)
Found 165424 documents with the words rural (27993), health (34352), healthcare (17082), healthy (24190), care (43058), career (18700), careers (30090), careful (34731), carefully (30728), ...

The search information is followed by the list of sites found, based on a relevance rating. Below is an example of the type of listing you will retrieve when you have specified Standard Results for your Display Options.

The [1.0000, 3 of 3 terms, adj 1.0] notation next to the title indicates that:

- The relevance rating is 1.0000, meaning 100% relevant according to Lycos (which may be misleading)
- All 3 of my terms are present in the document
- The 3 terms appear adjacent to each other, indicating they are a phrase

An abstract of the document pulls information directly from the beginning of the cited page.

1) Rural Health Care [1.0000, 3 of 3 terms, adj 1.0]

Outline: More on **Rural Health care**

Abstract: **Rural Health Care** More on **Rural Health care** EINTHOVEN Demo OCAST Page The EINTHOVEN WWW Telemedicine Demonstration System is supported in part by the Oklahoma Center for the Advancement of Science and Technology.. Abstract - Grant #HR4-092. **Rural** medical practice is hampered by limited access to advice from... CAAS - OCAST Page The Cardiac Arrhythmia Analysis System is supported in part by the Oklahoma Center for the Advancement of Science and Technology.. Abstract. Grant #HR4-092. **Rural** medical practice is hampered by limited access to advice from specialist... IITF CAT - **Health Care Health Care** and the NII. DRAFT FOR PUBLIC COMMENT. PART I: What Is the Application Arena?. Description of a **Health**
http://www.radiology.arizona.edu/tg/proto/thesis/thc.html (9k)

A2Z Directory (http://a2z.lycos.com/)
An alternative to YAHOO (http://www.yahoo.com), the A2Z directory allows you to browse major subject categories. You can reach it by clicking on the red A2Z box in the Lycos header, or you can enter the URL directly. If you are looking for a selection of resources on a particular topic, this is another way to approach your search. Each category leads to further subcategories, and finally to a list of sites covering that specific topic. The A2Z directory is also searchable.

INTERNET BASICS

Finding Information On The Web: LYCOS

by
Nancy T. Lombardo, Affiliate Librarian, Internet Services, Spencer S. Eccles Health Sciences Library

Point Communications (http://www.pointcom.com/)
Point Communications is affiliated with Lycos and can be reached by clicking on the blue box with the word "Point" in the Lycos header, or by entering the URL directly. Point claims to present the "top 5% of the Web" in its reviews. This site reviews and rates Web sites on a scale of 0 to 50, with 50 being the absolute best. Sites are rated based on evaluations of:

- **Content:** Just how broad, deep, and amazingly thorough is the information? Are there good links? Good clips? Is it accurate? Complete? Up-to-date?
- **Presentation:** Is the page beautiful? Colorful? Easy to use? Does it lead visitors through the information nicely? Does it use video, audio, and original graphics? Does it break new ground?
- **Experience:** This is the key rating. Is this fun? Is it worth the time? Will we recommend it to friends? All things considered, does this site deliver the goods?

Sites which have been reviewed by Point and deemed worthy of inclusion in the database are allowed to display the Point award logo on their Web pages.

THE MULTIMEDIA LIBRARY PROJECT

Creating Multimedia Resources for the Health Sciences

The Spencer S. Eccles Health Sciences Library of the University of Utah announces a call for contributors for the creation of a database of multimedia resources for use by health sciences educators. If you have a collection of analog media such as slides, video, or sounds, or an idea for computer graphics or animations in a health sciences field, the Knowledge Weavers multimedia design team of the Eccles Health Sciences Library can digitize or create the items for you and make them available to others on the World Wide Web. The Multimedia Library will consist of individual multimedia events (digitized photographs, clip art, sounds, digital video, etc.) which will be available on the World Wide Web for health sciences educators to re-purpose for learning programs or presentations. The multimedia items will be indexed using the Horizon Integrated Library System. This database will be fully searchable over the Internet using a World Wide Web browser such as *Netscape*.

Benefits to contributors include:

- Contributors will receive a CD-ROM containing the digitized items.
- Contributors will be able to search their collection over the Internet using a World Wide Web browser.

THE MULTIMEDIA LIBRARY PROJECT

- Contributors will be able to use the multimedia items as part of lectures, presentations, demonstrations or as part of computer-based learning programs.

All items in the Multimedia Library will be clearly labeled with copyright information. Contributors retain the copyright to the material, but must agree to place the items on the World Wide Web for non-profit use by other health sciences educators.

The Multimedia Library project is funded by the National Library of Medicine, grant #1 G08 LM05684-01A1. For more information, contact Sharon E. Dennis at (801) 585-3928 or e-mail sdennis@ecclab.med.utah.edu; or visit the Knowledge Weavers Web site at http://www-medlib.med.utah.edu/kw/.

LIBRARY SERVICES NEWS

DISKS FOR SALE

Computer disks are now available for purchase in the Duplication Center at the Spencer S. Eccles Health Sciences Library for $1.00 per disk.

LIBRARY HOURS

Extended Hours Wednesday, May 29, 1996 through Friday June 7, 1996

Wednesday, May 29, 1996	7:00 am - Midnight
Thursday, May 30, 1996	7:00 am - Midnight
Friday, May 31, 1996	7:00 am - 11:00 pm
Saturday, June 1, 1996	9:00 am - 11:00 pm
Sunday, June 2, 1996	11:00 am - Midnight
Monday, June 3, 1996	7:00 am - Midnight
Tuesday, June 4, 1996	7:00 am - Midnight
Wednesday, June 5, 1996	7:00 am - Midnight
Thursday, June 6, 1996	7:00 am - 11:00 pm
Friday, June 7, 1996	7:00 am - 8:00 pm

Quarter Break Hours Saturday June 8, 1996 - Saturday June 22, 1996

Monday - Friday	7:00 am - 8:00 pm
Saturday	9:00 am - 6:00 pm
Sunday	closed

Summer Quarter Hours Sunday June 23, 1996 - Saturday, August 17, 1996

Monday - Thursday	7:00 am - 10:00 pm
Friday	7:00 am - 8:00 pm
Saturday	9:00 am - 6:00 pm
Sunday	12:00 pm - 6:00 pm

Closed Thursday, July 4, 1996 and Wednesday, July 24, 1996

DISSERTATIONS FOR SALE

University of Utah faculty, staff, and students can now buy low-cost, high-quality printed copies of doctoral dissertations through Dissertation Express, a joint

program of the Spencer S. Eccles Health Sciences Library and UMI that gives users an alternative to borrowing the titles they need for research. In most cases, dissertations will be delivered to the library within 72 hours of ordering.

Researchers typically find titles of interest in UMI's Dissertation Abstracts database. They are directed to the Interlibrary Loan Office, where staff members transmit their orders via network hook-up. UMI digitizes the microfilm masters, generates high-quality shrink-wrapped copies, and sends them directly to the Interlibrary Loan Office by express carrier. The cost for this service is $24.50 per dissertation.

The Eccles Library Interlibrary Loan Office will continue to make dissertations available on loan from other institutions. Dissertation Express is simply another option, designed to serve members of the academic community who want a copy for their personal collections.

UMI's Dissertation Abstracts database provides access to citations for more than 1.3 million doctoral dissertations and master's theses--over 90 percent of those published in North America since 1861. More than a million titles are available from UMI in full text. Students and faculty members interested in using the service should contact Camille Salmond or Jahn Barlow at the Eccles Library Interlibrary Loan Office at (801) 581-5282.

NEW PROCEDURE FOR PHONE RENEWALS

Materials checked out from the Spencer S. Eccles Health Sciences Library may be renewed by phone mail as of May 20, 1996. Books, documents and theses may be renewed two times, unless needed by another person. Journals may not be renewed.

To leave a phone renewal message, dial (801) 581-8773 and choose the phone renewal option, Option 2.

1. Leave your name
2. ID barcode or social security number
3. Phone number
4. Names of items needing renewal

This new option will allow you to avoid busy signals, and is functional 24 hours a day, not just when the library is open. If a renewal cannot be processed for any reason, you will be contacted by the Circulation Department. If you have any questions, call the Circulation Department at (801) 581-8772 or via e-mail at circulation@ecclab.med.utah.edu.

HORIZON SOFTWARE UPGRADED TO VERSION 4.1

The Spencer S. Eccles Health Sciences Library is upgrading its Horizon Integrated Library System to version 4.1. New versions of the Macintosh and Windows graphical interface software will be available on or after June 1, 1996 via the Eccles Library ftp site for use by University of Utah faculty, staff and students in accessing the catalog. If you would like to be informed of upgrades during Summer Quarter 1996, subscribe to the MC/SCUG mailing list by sending an e-mail message to: **listserv@ecclab.med.utah.edu**, the message should contain ONLY the following words: **subscribe mcscug**

INTERNET RESOURCES

Toxic Release Information

by Nina E. Dougherty, Librarian, Research, Spencer S. Eccles Health Sciences Library

Interest in toxic pollution is high at this time of year because of the annual announcement in May (June this year) of the top toxic polluters in the country. The information is derived from the Toxic Release Inventory. The 1994 Toxic Release Inventory database (TRI) will be available for searching on June 10, 1996 on the National Library of Medicine (NLM) system. The TRI database, the annual report, the law and regulations, instruction manuals for reporting facilities, and health effects and additional information may all be accessed from Internet.

The Toxic Release Inventory is the primary source of toxic substance release information in the United States. Manufacturing facilities have been required by a law known as SARA Title III or the Emergency Planning and Community Right-to-Know Act (EPCRA) to submit reports by July of each year on their releases to air, water and land of about 368 chemical substances during the previous calendar year. Transfer of substances to an offsite facility and pollution prevention information are also in the TRI database. The national database becomes available in late spring - a year and a half after the data year - i.e. 1994 data was reported in July 1995 and the database will be available in June 1996.

Changes occur almost every year, such as adding or deleting substances or adding pollution prevention information. A significant change in the 1994 TRI database is that federal facilities were required to report their toxic releases for the first time in July 1995 (1994 data). The 1994 TRI database will be the first time that data is available from Hill Air Force Base. A significant addition for 1995 data is the addition of 286 chemicals (in addition to the current 368) to be reported in August 1996.

The three primary Internet sources for obtaining TRI information are the National Library of Medicine (NLM), EPA and RTK-Net. Additional health related information is available on the Agency for Toxic Substances and Disease Registry (ATSDR) web and at other sites.

National Library of Medicine (NLM)
Toxicology and Environmental Health Information Program (TEHIP)
http://sis.nlm.nih.gov/tehip1.htm (for information, application, connection to TRI)
To connect directly to TRI and other TOXNET databases: *telnet:// toxnet.nlm.nih.gov/*

The National Library of Medicine is responsible for making the TRI database available to the public and is the first site at which the new TRI database is available each year. There is usually a delay before TRI is available on RTK-Net, the other Internet site for actually searching the TRI database. A password is required. There is a low charge. Password application information is available at the above site, as well as via telnet access to TRI94 and the older TRI databases, 1987-1993.

The TRI database can be searched by facility name, state, county, city, zip code, chemical substance and other parameters. Calculations such as adding pollutant amounts or determining which facilities are the highest may be done online on the NLM system.

INTERNET RESOURCES

Toxic Release Information

by Nina E. Dougherty, Librarian, Research, Spencer S. Eccles Health Sciences Library

Other databases at NLM provide factual and bibliographic information on the chemicals, including TRIFACTS (Based on the New Jersey fact sheets - provide health effects and other facts on the chemicals in TRI), Hazardous Substance Databank (HSDB) (more extensive facts about many more chemicals), TOXLINE (citations to the literature) and other databases. All require a password and are searched at the same low rate as TRI.

Environmental Protection Agency (EPA)
Office of Prevention, Pesticides and Toxic Substances (OPPTS)
http://www.epa.gov/docs/PestToxics.html

EPA is responsible for producing an annual report that tabulates, compares and explains the Toxic Release Inventory and the data that is reported. The 1993 report, "1993 Toxics Release Inventory: Public Data Release" (formerly entitled, "Toxics in the Community") is available at: *http://www.epa.gov/TRI_93/*. The report is also available on RTK-Net: *http://rtk.net/T620*

EPA - *Legislation, regulations, explanations*

Code of Federal Regulations, Title 40, Chapter 1, Subchapter J (includes TRI)
http://www.epa.gov/epacfr40/chapt-1.info/subch-J/

Federal Register - Toxic Release Inventory (1994 - present)
http://www.epa.gov/EPA-TRI/

Toxic Releases Inventory (TRI) 1993 - ARC (GIS) Coverages by State
http://www.epa.gov/docs/TRI_Cover93/

EPCRA Fact Sheets explaining requirements of the Act. Written in 1993.
http://www.epa.gov/swercepp/factsheets/epcra-fs.txt

Chemicals in your Community: A guide to the Emergency Planning and Community Right-to-Know Act. Full-text of the blue 1988 booklet. Simple explanation of EPCRA, brief background. For current requirements need to consult CFR, Federal Register, Instruction manual below.
http://www.epa.gov/swercepp/pubs/chem-com.html

Instruction manual for facilities required to report in 1994 (Inventory Update Rule) *http://www.epa.gov/docs/IUR94*

EPA - *Related toxic release databases*

EnviroFacts - Includes Facility Index System (FINDS), EnviroFacts Master Chemical Integrator (EMCI), TRIS (TRI), CERCLIS, RCRIS.
http://www.epa.gov/enviro/html/ef_home.html

ERNS (Emergency Response Notification System) - accidental releases of hazardous substances. *http://earth1.epa.gov:80/ERNS/* (Also on RTK-Net).

EPCRA Tools - Accidental Release Information Program (ARIP), CAMEO, ERNS, EPCRA Tier II Reporting & Inventory System, HATS (for community hazardous materials planning)
http://www.epa.gov/swercepp/tools.html

INTERNET RESOURCES

Toxic Release Information

by Nina E. Dougherty, Librarian, Research, Spencer S. Eccles Health Sciences Library

EPA - *Related chemical fact sheets - health effects, other information*

EPA Chemical Substance Factsheets - Similar to TRIFACTS. Covers chemicals in Toxic Release Inventory:
gopher://ecosys.drdr.Virginia.edu/11/library/gen/toxics

OPPT Chemical Factsheets - *http://www.epa.gov/chemfact/*

Other EPA sites with relevant sources

Chemical Emergency Preparedness and Prevention Office (CEPPO)
http://www.epa.gov/swercepp/

Office of Air and Radiation - select "Air Toxics"
http://www.epa.gov/oar/oarhome.html

RTK-Net
http://rtk.net/

RTK-Net, which provides access to the TRI database and various related databases and full text documents, is sponsored by OMB Watch and The Unison Institute. The purpose is to make toxics information widely and freely available. Industry and government use the system as much as private citizens.

RTK-Net has both a Web presence and a Bulletin Board System (BBS) with web, telnet and dial-up access. Although more is becoming available directly on the Web site, most of the searchable databases are on the BBS. Prospective users of the RTK-Net BBS have to register for a password, which can be done on the Web or via e-mail. There is no charge.

Some searching of TRI is currently available on the Web site (by area, facility, industry and/or parent). More searching of TRI is on the BBS.

In addition to TRI, databases on the BBS include CERCLIS, DOCKET, ERNS, FINDS, ROADMAPS, USGS Water Use Database, Census Data by Zip Code, New Jersey Health Fact Sheets and others.

Working Notes on Community Right-to-Know is a very useful newsletter available fulltext on the RTK-Net web. It provides very concise information on activities, proposed regulations, wish lists of environmental groups and other pertinent information related to the Toxic Release Inventory and toxics in general.
http://rtk.net/T128

RACHEL's Environment & Health Weekly is a fulltext newsletter focusing on a toxics topic in each issue, such as toxicity of tire dust on highways. It is available on RTK-Net and separately on a gopher: *gopher://ftp.std.com//11/periodicals/rachel*

Agency for Toxic Substances and Disease Registry (ATSDR)
http://atsdr1.atsdr.cdc.gov:8080/atsdrhome.html

ATSDR, an agency with CDC, is responsible for providing health effects information and assessments related to Superfund sites and areas of toxic

INTERNET RESOURCES

Toxic Release Information

by Nina E. Dougherty, Librarian, Research, Spencer S. Eccles Health Sciences Library

exposure concern. The chemicals covered in ATSDR print and web site publications are somewhat of a subset of those in TRI. ATSDR databases and other resources of interest to TRI users are:

Public Health Statement TextSearch - search brief summaries taken from ATSDR's Toxicological Profiles. Focus is on human health effects. *http://atsdr1.atsdr.cdc.gov:8080/query-phs.html*

ATSDR - ToxFAQs - excerpted from Toxicological Profiles and Public Health Statements *http://atsdr1.atsdr.cdc.gov:8080/toxfaq.html*

Hazardous Substances and Public Health - quarterly fulltext ATSDR newsletter
http://atsdr1.atsdr.cdc.gov:8080/HEC/hsphhome.html

HazDat Database - Hazardous substance release and health effects database
http://158.111.33.2:8080/hazdat.html

Environmental Data Needed for Public Health Assessments: A Guidance Manual, June, 1994. - *http://atsdr1.atsdr.cdc.gov:8080/ednpha.html*

A Primer on Health Risk Communication: Principles and Practices
http://atsdr1.atsdr.cdc.gov:8080/HEC/primer.html

UNIVERSITY OF UTAH PRINTING SERVICES

Announces Docutech

The Printing Service is offering Docutech copying at the University Copy Center located at 106 Orson Spencer Hall. The Docutech is a high speed, high quality digital production laser printer and copier. Developed by Xerox, it can do up to 135 pages per minute with a resolution of over 600 dpi. The last three issues of the *IAIMS Newsletter* have been produced on the Docutech.

Unlike conventional copy machines, the Docutech accepts digital files as original copy. Postscript files are preferred, but other formats (PCL, Tiff, or ASCII) are acceptable. The system is connected to the campus network to make it easy for you to transfer files to the Docutech server.

The digital feature also allows photos and illustrations to be scanned and inserted into a document on the copier. Even if the document is not an electronic original, the Docutech scans it into memory for duplication. If the Copy Center is aware of your needs, the file can be saved for re-copying.

Also from Printing Services, University of Utah departments and staff may now place orders for business cards and stationery on the University Printing Service's World Wide Web page. The page also has general information about interfacing with the Printing Service, including Docutech instructions, or contact University Printing Service at (801) 581-6171 or e-mail csrs@printing.utah.edu, URL: http://www.printing.utah.edu.

The purpose of the *IAIMS Newsletter* is to keep the campus community informed on all aspects of computer and information technology as well as on the services provided by the Spencer S. Eccles Health Sciences Library. Articles on computer and information technology events, applications, services, education, etc. are welcome. To contribute articles to the *IAIMS Newsletter*, contact Joan M. Gregory at the address indicated below.

The deadline for the October 1996 issue of the *IAIMS Newsletter* is: September 15, 1996.

To be added to the electronic distribution list for the *IAIMS Newsletter*, send an e-mail message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe IAIMS**

To be added to the **printed** newsletter mailing list, send the following information to: Joan M. Gregory, Editor, *IAIMS Newsletter*, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. VOICE: (801)581-5269. FAX: (801)581-3632. INTERNET: joang@ecclab.med.utah.edu.

***IAIMS NEWSLETTER* MAILING LIST**

Please add my address to the **printed** *IAIMS Newsletter* Mailing List.

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University of Utah Campus Address: _____

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Address: _____

_____

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IAIMS NEWSLETTER

A quarterly publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Spring 1998 *Volume 13 Number 3*

Academic Pioneer

Academic Pioneer, a link to shared resources of the Utah Academic Library Consortium (UALC), has been updated to include a number of trial, demonstration and subscription databases. Access to these electronic resources is restricted to IP addresses of participating Utah colleges and universities. University of Utah password holders may use the proxy server (see box on page 5). Some key resources include the following:

- **Associations Unlimited—**a source for information on associations and professional societies. Contains 135,000 detailed listings for national and international organizations
- **Congressional Compass From Lexis/Nexis—** comprehensive access to U.S. legislative information from Congressional Information Service, Inc. Includes congressional publications, members and committees, full text of proposed legislation and more.
- **Encyclopedia Americana—**a 25,000,000-word repository of text and images.
- **International Index to Music Periodicals (IIMP)—** contents of over 300 international music periodicals, and music articles in newspapers.
- **Literature Online—**hundreds of thousands of fully-searchable texts, reference works, bibliographies and catalogs as well as World Wide Web links.
- **Periodicals Contents—**PCI Web is an electronic index to the contents of thousands of periodicals in the humanities and social sciences, from their first issues to 1990/1991. Every article is indexed.
- **Project Muse—**networked access to the full-text of over 45 journals from Johns Hopkins University Press.
- **Salt Lake Tribune—**access to the full-text.
- **UMI ProQuest Direct—**online access to ABI Inform (a business database) and UMI's newspaper collection.

The Academic Pioneer shared resources home page is available at **http://www.lib.utah.edu/ualc/pioneer.html** or from the link on the Spencer S. Eccles Health Sciences Library home page at **http://medlib.med.utah.edu/** The UALC Collection Development Committee would like your opinions on these items. Email them at webmaster@pharos.lib.utah.edu.

InfoFair '98

Evidence-Based Health Care

Thursday, April 30, 1998

Clifford C. Snyder, M.D.
and Mary Snyder Lecture
presented by
R. Brian Haynes, M.D., Ph.D.
Evidence-Based Health Care: Then and Now ... and Soon

See insert for complete program description, schedule and location.

Presented by
Spencer S. Eccles Health Sciences Library
and
Sponsored by the
University of Utah Health Sciences Center

In This Issue

Academic Pioneer 1
InfoFair '98 1
Library Workshops and Classes 2
Knowledge Weavers Update 2
Preliminary Results of the Electronic Services Survey . . 3
Federal Grant Information on the Internet 4
New Software Available at Eccles Library 5
Off Campus Access to Library Web-based Resources . . 5
Introducing ... Valeri Nielson 5
University Hospital Patient Education Home Page 6
New Curriculum—First Year Students' Perspective . . . 7
IAIMS Newsletter Deadline and Mailing Lists 7
Spring Quarter Library Hours & Phone Numbers 8
InfoFair '98 Program Supplement . . . . . .

Library Workshops and Classes

Classes with a fee (indicated by an asterisk) require pre-payment.

Tours and Orientations
To schedule call 801-581-4686 or 801-581-5534

Introduction to CD-ROM Databases	PC Lab
Wednesday, April 8, 1998	1:00 P.M.– 2:00 P.M.
Thursday, April 16, 1998	2:00 P.M.– 3:00 P.M.
Friday, April 24, 1998	1:00 P.M.– 2:00 P.M.
Tuesday, May 5, 1998	10:30 A.M.–11:30 A.M.
Introduction to PubMed	PC Lab
Monday, April 13, 1998	3:00 P.M.– 4:00 P.M.

***MEDLINE on the Web** PC Lab
Contact instructor to arrange a date and time; Mary Youngkin, 801-581-5534 or email at maryy@lib.med.utah.edu

***Advanced SilverPlatter MEDLINE** PC Lab
Contact instructor to arrange a date and time; Mary Youngkin, 801-581-5534 or email at maryy@lib.med.utah.edu

***Finding Information on the Internet**	PC Lab
Wednesday, May 13, 1998	9:00 A.M.–11:30 A.M.
***Introduction to HTML**	PC Lab
Wednesday, April 22, 1998	1:00 P.M.–4:00 P.M.
***Advanced HTML**	PC Lab
Thursday, April 23, 1998	1:00 P.M.–4:00 P.M.
***Introduction to HTML Style Sheets**	PC Lab
Wednesday, May 6, 1998	9:00 A.M.–11:30 A.M.
***Introduction to HTML Forms & CGI**	PC Lab
Friday, May 8, 1998	9:00 A.M–Noon
Presentations Using *PowerPoint	PC Lab
Friday, May 1, 1998	2:00 P.M–4:00 P.M.
Bibliographic Management	
EndNote Plus	Mac Lab
Friday, May 29, 1998	2:00 P.M–4:00 P.M.
Reference Manager for Windows	PC Lab
Friday, May 15, 1998	2:00 P.M–4:00 P.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. For more information, class descriptions, instructor phone number, email address, and registration form, see the Eccles Library Web page at **http://medlib.med.utah.edu/education/workshop.html**—or, please call 801-581-5534.

Knowledge Weavers Update: New Instructional Web Sites

by Sharon Dennis, Associate Librarian
Spencer S. Eccles Health Sciences Library

The Knowledge Weavers project of the Spencer S. Eccles Health Sciences Library announces several new instructional Web sites.

The Dermatology Image Bank, created by the Knowledge Weavers team in conjunction with Dr. John Bezzant of the University of Utah, contains over 700 dermatology images organized into 12 categories. In addition, the site features a self-quiz with 100 randomized questions. The Dermatology Image Bank can be accessed at **http://medlib.med.utah.edu/kw/derm/**

A revised version of the Human Reproduction Web site features a new interface and new content, including dozens of images and several QuickTime movies. The site also contains interactive case studies linked to the PubMed MEDLINE database and over 300 self-quiz questions. The Human Reproduction site was designed by the Knowledge Weavers team in conjunction with Dr. C. Matthew Peterson of the University of Utah; it can be accessed at **http://medlib.med.utah.edu/kw/human_reprod/**

In addition to the instructional Web sites, new images have been added to the Multimedia Catalog. The Multimedia Catalog allows you to search for images, illustrations, animations and videos related to the health sciences. Images may be downloaded for educational purposes. The Multimedia Catalog currently contains over 2,000 images related to neuroanatomy, biochemistry, dermatology, and cardiology. The Multimedia Catalog can be accessed from **http://medlib.med.utah.edu/webpac-bin/wgbroker?new+–access+top.kw**. If you are interested in adding a Web-based collection of digital images to the Multimedia Catalog, please contact Sharon Dennis at 801-585-3928 or email at sdennis@lib.med.utah.edu.

The Knowledge Weavers team is also working on several new projects, including: a new version of the Quiz Template using a FileMaker Pro database to allow instructors to keep a databank of questions; a Java outlining tool for instructors to create anatomy tutorials; and the Interactive Brain Atlas, in conjunction with Dr. Suzanne Stensaas of the University of Utah and Cornell University.

For more information about the Knowledge Weavers project, see the Knowledge Weavers Web site at **http://medlib.med.utah.edu/kw/**, or contact Sharon Dennis at 801-585-3928 or email at sdennis@lib.med.utah.edu.

Preliminary Results of the Electronic Services Survey

by Patricia Arter, Assistant Librarian, Spencer S. Eccles Health Sciences Library

Last December, the Spencer S. Eccles Health Sciences Library conducted a survey of library users. We appreciate all those who took the time to give us feedback and let us know how you feel about our services. We are in the process of analyzing the data. Some of the highlights are presented here. Complete results will be available on the Eccles Library's Web site in the near future. The Web address is **http://medlib.med.utah.edu;** there will be a prominently displayed link to the survey results.

We received 373 responses to the survey, which was distributed throughout the University of Utah Health Sciences Center, the Wasatch Clinics, on lower campus to the Marriott Library, the Biology and Bioengineering Departments, and on our Web site. Three hundred twenty-five of the responses were on paper; 48 came to our Web site. The most common answer on every survey was "not aware." Obviously, we have a lot of work ahead of us to inform users about library information resources and services.

Who responded to the survey?

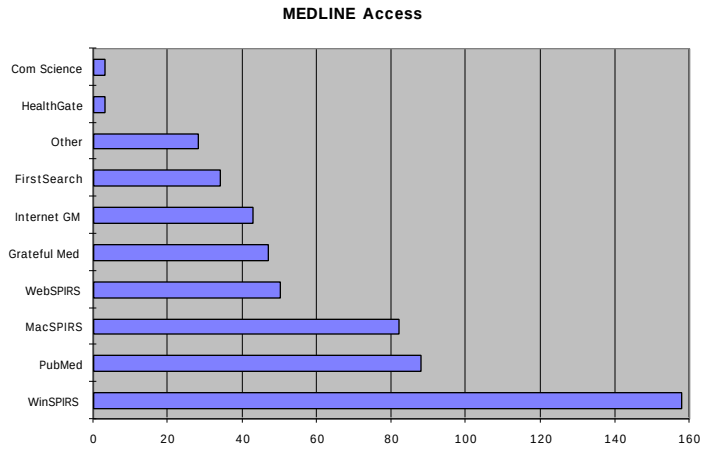
By far, most respondents were Health Sciences Center faculty (195 of 358 who identified themselves). Health sciences graduate students, University staff, Health Sciences Center staff, and University of Utah faculty/non-health sciences were next, with 53, 30, 25, and 19 respondents respectively.

Level of computer expertise

Of those who responded, there were 62 people who consider themselves novice computer users; 221 who consider themselves intermediate users; and 51 who consider themselves experts. Almost a perfect bell curve!

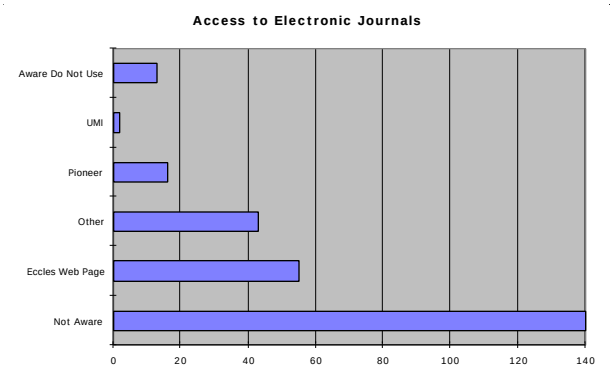
Access to MEDLINE

Most of the respondents who use MEDLINE do so using WinSPIRS, probably because that's what is most easily accessible at the Eccles Library. (The "SPIRS" systems are all SilverPlatter products: SilverPlatter Information Retrieval System.) Next most popular, according to our survey, is PubMed, free MEDLINE available on the Internet from the National Library of Medicine. PubMed seems to be catching on quickly, and will be the "wave of the future." MacSPIRS and WebSPIRS are also fairly popular. Several people responded that they use more than one type of MEDLINE access.



Access to Full-Text Electronic Journals

The vast majority of respondents are not aware that they can access full-text electronic journals. Of those who are aware, most get to the journals via the Eccles Library Web page. Almost as many use some other point of access, including having their own subscriptions. A few use Pioneer, and very few use UMI.



Computer availability at Eccles

Most people who answered the question about how satisfied they are with the level of computer availability were either somewhat or very satisfied (211 of 276). For those who were not at all satisfied (3), be aware that we will be adding 12 more computers on the lower level in the near future. We are hindered not only by budget for purchase and upkeep, but also by space. However, we are well aware that the demand for computers is great and hope to alleviate some of the congestion in the labs.

Internet Service Providers

Most who answered this question on the survey (140 of 213) use the University modems (with which a great deal of dis-satisfaction was expressed). Forty stated that they use something other than University modems. Twelve use America Online (AOL), and 21 said they use more than one ISP. The numbers of people who expressed dissatisfaction with the University modems and their many comments have been forwarded to Academic Computing and Library Information Services (ACLIS) in the hope that something will be done to improve the situation and increase Internet access to the University.

Please keep checking the Eccles Library Web site, as we will be posting not only the results of the survey, but addressing some of the concerns expressed by respondents. The survey's purpose was to help us help you, and that is still our goal. Again, thanks to all who took the time to share their thoughts and concerns about library resources and services.

Federal Grant Information on the Internet for the Health Scientist

By Nina Dougherty, Librarian, Spencer S. Eccles Health Sciences Library

The Internet is the place to go for health sciences federal grant information. Funding opportunities, alerting services, forms, toolkits, funded research databases and more are available on the Internet. Many resources are free to anyone, others are restricted.

GRANT SERVICES FOR UNIVERSITY OF UTAH USERS

University of Utah Office of Sponsored Research
http://www.osp.utah.edu (coming soon)
The Office of Sponsored Research expects to have a grant funding Web site for University of Utah researchers in the spring of 1998. Application forms will be provided as well as access to funding information, including the following two resources.

Community of Science (COS)
http://cos.gdb.org/
This site includes COS Funding Opportunities, Funded Research, Federal Register and Commerce Business Daily, as well as others. University of Utah users can sign up for the Commerce Business Daily and Federal Register notice alerting service.

Office of Federal Programs (OFP)
http://www.aascu.nche.edu/ofpopen/ofpopen.htm
Beginning April 1, 1998, the University of Utah has a contract for OFP services which includes the GrantSearch database and announcements of new grants. OFP is sponsored by the American Association of State Colleges and Universities.

NATIONAL INSTITUTES OF HEALTH (NIH)

National Institutes of Health—Grants & Contracts
http://www.nih.gov/grants
Site contains funding opportunities, requests for proposals, forms and applications, award data, CRISP, grants policy, human and animal protection, and other information related to NIH grants.

NIH Guide for Grants and Contracts
http://www.nih.gov/grants/guide/index.html
The official document for announcing NIH funds for research and disseminating policy information. Subscribe to the LISTSERV to receive the weekly table of contents by email.

DEPARTMENT OF HEALTH AND HUMAN SERVICES (HHS)

GrantsNet
http://www.hhs.gov/progorg/grantsnet/
One of two sites entitled GrantsNet (see also GrantsNet-HHMI/AAAS below). Gateway to the 300 decentralized HHS grant programs. Also useful for how to find grant information, searching for funding, how to apply, and grants management.

Catalog of Federal Domestic Assistance (CFDA)
http://www.gsa.gov/fdac/
CFDA profiles HHS and all other federal programs, projects, services, and activities which provide assistance or benefits to the American public. Annual with a mid-year update.

CRISP (Computer Retrieval of Information on Scientific Projects)
Gopher://gopher.nih.gov:70/11/res/crisp
Information on research projects and programs funded by HHS, including NIH, CDC, FDC, HRSA and AHCPR. CRISP is migrating to a Web interface in 1998.

ANNOUNCEMENTS OF GRANTS

Federal Register (Select link to Notices)
http://www.access.gpo.gov/su_docs/aces/aces140.html
All federal grants are announced in the Federal Register Notices link, except for NIH grants, which are announced in the NIH Guide for Grants and Contracts (see NIH above).

University of Washington HealthLink-Federal Funding Source
http://healthlinks.washington.edu/hsc/rfs/federal.html
Links to announcement sources for agencies of most interest to health scientists. More information is usually provided at the agency sites rather than in the Federal Register.

SELECTED HEALTH SCIENCES STARTING POINTS

GrantsNet (HHMI and AAAS)
http://www.grantsnet.org/
GrantsNet is a new database of available grants in biological and medical sciences. It is a collaborative project of the Howard Hughes Medical Institute and the American Association for the Advancement of Science, with an emphasis on grants for graduate students, postdocs and junior faculty. Email updates on new grants. Must register. Free.

MedWeb—Grants and Funding
http://www.gen.emory.edu/MEDWEB/keyword/grants_and_funding.html
Contains a directory of different sites useful for biomedical grants. Leads to general, specific and new sites.

University of Washington HealthLinks—Research Funding Service
http://healthlinks.washington.edu/hsc/rfs/
Excellent starting point. This site is well organized and easy to use, with good explanations of sources. Some categories are Funding Search Tools, Application Forms, Alerting Services, Grantsmanship and Toolkits for administrators and grantseekers.

Quick Guide: Searching the Major Funding Search Tools
http://healthlinks.washington.edu/hsc/rfs/tipstable.html
Displays a very nice table showing coverage, how to search, and special features of CFDA, COS Funding Opportunities Database, CRISP, Federal Register, NIH Guide to Grants and Contracts and SPIN (no longer available at the University of Utah).

New Software Available at Eccles Library

The Spencer S. Eccles Health Sciences Library has purchased a single user license for *Reference Manager* Version 8 for Windows. *Reference Manager* is a personal reference management system designed to keep track of specific references in the user's field of interest. Allowing for over 30 different reference types (journals, books, book chapters, theses, patents, slides, etc.), information can be entered manually or captured from a search service such as SilverPlatter MEDLINE or PubMed. Once entered, references can be retrieved using keyword, author, journal name, date, or phrases. *Reference Manager* can also generate bibliographies formatted in virtually any journal style, and can incorporate reference citations into a manuscript or thesis.

The library has also purchased a single user license for *SPSS* 7.5 for Windows. *SPSS* provides a powerful statistical analysis and data management system in a graphical environment, using descriptive menus and simple dialog boxes to do most of the work.

Both *Reference Manager* and *SPSS* are available in the Reference Department. Please ask for assistance.

Off-Campus Access to Library Web-based Resources

In order to provide the University of Utah community with access to electronic library resources from commercial Internet Service Providers, the Academic Computing and Library Information Services (ACLIS) department has implemented proxy service. The proxy server allows access to Web-based library resources from off-campus computers. Existing **u.cc.utah.edu** logins are used to verify that people connecting are indeed members of the University community and therefore allowed to access the electronic resources under the terms of the contracts with the vendors. Contact Ann Marie Breznay at 801-581-3852 or Joe Potts at 801-581-5167 with questions.

For detailed instructions on using the proxy service read the Web help page at **http://www.lib.utah.edu/remote.html**. There are four basic steps:

1. Register as an authorized user (i.e. obtain an account on u.cc.utah.edu)
2. Configure your Web browser for proxy service by setting a specific proxy address in preferences
3. Connect to the Marriott Library home page at **http://www.lib.utah.edu** and select the link to Indexes and Databases, or Electronic Journals
4. Disconnect from the proxy service.

Introducing ... Valeri Nielson

Graphic Artist
Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Valeri Nielson.

Born in Salt Lake City, Utah, I grew up in Holliday where I worked on the small family farm and showed horses—English style. At the age of 13 my dad moved us up to the Avenues. I graduated from East High School in 1986. For a graduation present, I was given the opportunity to travel to Greece for two months with some friends. This trip created a fascination for other cultures and influenced my decision to become an anthropologist.

In the fall of 1987, I entered the University of Utah and immediately declared myself an anthropology major. An article on Clyde Snow and the Argentine Forensic Anthropology Team, discovered while doing research for a history of anthropology class, inspired me to pursue a forensic anthropology career. My focus remained unchanged and I graduated with a BS in Anthropology in the winter of 1992. Upon graduating, I immediately became an assistant to the chief investigator at the Utah State Medical Examiner's Office. Gradually, I was able to work exclusively on forensic anthropology cases.

Over the years I have worked on many cases and have been instrumental in identifying several individuals from skeletal remains. Although some cases are tragic and emotionally difficult, it is rewarding to help the families of the victims find their missing loved ones.

In October 1995, I was hired as a shelver at the Eccles Library. I was soon promoted to circulation desk assistant. In May 1996, I was hired by Knowledge Weavers to help with cataloging. Through the support and guidance of Sharon Dennis and Susan Roberts, I learned HTML and graphic design and was promoted to Technical Design Assistant. Eventually, I became a full-time staff member and have recently been promoted to Graphic Artist.

When I'm not at work I involve myself with various projects in the forensic sciences such as facial reconstruction, photographic superimposition, and other kinds of research. When I'm feeling really energetic I like to ski, ride my bike, and play with my two dogs. Currently, I'm putting a lot of energy into planning my wedding to my long-time love, Zach Craigle. The wedding is planned for the end of May.

University Hospital Patient Education Home Page

by Patricia Arter, Assistant Librarian, Spencer S. Eccles Health Sciences Library

The goals of the University Hospital Patient Education Web site **(http://www.med.utah.edu/pated/)** are "to enhance patient learning, promote healthy behaviors, and improve clinical outcomes." Updated monthly, this site was created by the Office of Patient Education at the University of Utah Hospital and Clinics. It is one of the first of its kind in the country.

The Office of Patient Education has inventoried the most-used patient education materials, and then cataloged these materials for easy access. Many documents have been put into a standard format and loaded onto the Web site for internal use. By providing quality, standardized patient education materials and information, patient learning, decision-making, and compliance with health-enhancing behaviors are improved. The links available from this site are described below.

Patient Education Materials—Available on the hospital intranet only, this section is searchable by title, keyword, or both, or by any of several broad subject categories. Within each subject category, clicking on a linked title takes you to materials available for printing directly from the Web site. Your patient's name and the *Patient Education for U* logo are programmed to print on the document. Some of these documents are fill-in-the-blank, so care providers can write their own instructions for each individual patient. There are several drug information sheets from the Cancer/BMT/Hematology category. These sheets give providers the particulars on any drug their patient may be taking—how to pronounce it, what it does, side effects, etc.—to help them teach their patients. Each of these also links directly to the National Cancer Institute's home page.

For titles on the list that are not links, clicking on the icon in front of them takes you to the catalog entry for that title. Each catalog entry provides category (e.g. Nutrition/GI), classification (e.g. Self Care), person to contact for more information, a description of the material (booklet, video, etc.), source of the document (e.g. University Hospital Nutrition Care Services), where the material may be found (outpatient pharmacy, Clinic 3 Education Room), publication date and whether or not the material is internally produced. There are currently 268 documents available for printing from the Web site. Another 884 documents are available through the catalog.

First Impressions: What To Expect During Your Hospital Stay This link is an information site for patients. It includes a patient checklist (what to bring and what not to bring to the hospital), a freeway map to the University of Utah, a map to University Hospital, places of interest within the hospital (where to get food!), suggestions for personalizing the hospital stay, visitor information, advance directives (a brochure about making health care decisions), a form to use to request a copy of the *First Impressions* information packet and video in English, Spanish, or Vietnamese (at no charge), and the Channel 6 closed circuit TV schedule. Also available for printing is a page called **My Team**, on which the patient can list the names of those on his or her health care team—doctors, nurses, therapists, etc.

Q & A—General Information and Referral—Use this link to get information about the educational phone messages available through the *US West Yellow Pages*. Select an area of interest from the **Choose a Topic** pull down menu**,** then click on the **Get 4-digit codes** button to get a list of the titles for that topic heading and the specific 4-digit code. Under **AIDS** you can hear messages about **AIDS Testing**, **What is AIDS,** and **Prevention and Education.** Call the telephone number provided, then enter the 4-digit code. At the end of each message you have the option of requesting a referral to a health care provider. A free service.

Healthfinder: your guide for reliable health information Healthfinder is a consumer-oriented health information site provided by the Health and Human Services Department of the US Government. It is searchable in a variety of ways.

Generic Patient Education Record—This is a printable, two-sided form for providers on which to record what teaching has been done for a patient.

An Author's Guide (PDF-1.33 MB)—This booklet was written by the Patient Education Clearinghouse Committee to aid people in producing effective patient education materials. It explains how to format your document, how to check it for reading level, suggestions for creating documents at appropriate reading levels, how to request permission to use copyrighted material, how to reference material from different sources, etc. This booklet is also available in hard copy from the Office of Patient Education.

PatEdNet—This is an electronic mailing list for patient educators to use to share and discuss patient education issues. The overall goal is to improve the professional practice of patient education as participants learn from each other.

Classes—Get information about health-related classes offered locally. There is a wide variety of topics, including **Smoking Cessation, Water Aerobics, Breastfeeding,** and **Family Adjustment to Disability.** Information about each class includes dates, location, sponsor, cost (many are free), number of sessions, and a person to contact for further information.

Support Groups—These are listed by title and topic and include such groups as **Orientation to Vision Loss** and **Cancer Survivor Support Group**. Again, you will find information about where and when the group meets, if there is a cost, if pre-registration is required, and who to call for further information.

Workshops and Seminars—This section provides similar basic information (who, what, when, where), and lists workshops on topics from aesthetic surgery to relationships.

The New Curriculum—First Year Medical Students' Perspective

by Brad Anderson, First Year Medical Student and Margaret Solomon, First Year Medical Student and Sara Johnson, First Year Medical Student, Class President

As we reflect on passing the midpoint of our first year of formal medical education, we feel privileged to be participants in the inauguration of the new curriculum at the University of Utah School of Medicine. While the curriculum is a work in progress, we are already experiencing the benefits of an expanded approach to our training as future physicians.

The new curriculum was implemented with the intention of promoting six general themes important to the current and future practice of medicine: information management, life-long learning, critical thinking, exposure to important subjects surrounding medicine, excellence in clinical medicine and enhanced integration of medical subject matter.

Thus far, the following features of the curriculum have greatly enhanced our learning:

- As part of our problem-based learning sessions in multiple courses, we have been introduced to the concept of evidence-based medicine and the skills necessary to access multi-media resources to gain needed information. Not only are we learning the technical skills necessary for research of current literature, but we are also receiving instruction on the importance of analyzing information content in terms of accuracy and validity.

- Through coursework and guest presentations, we are continually reminded that our pursuit of medical knowledge is just beginning. In order to practice current medicine and be educators of our peers and patients, we will need to access the most up-to-date information. In Human Genetics for example, we have learned about numerous genes that have only been mapped and cloned in the past five years. By the time we are practicing medicine, scientific knowledge of the human genome will be vastly expanded and gene therapy may be an accessible option for our patients. In Biochemistry, we learned about the viral mechanisms of HIV and current therapies targeting viral reverse transcriptase and proteases. Fifteen years ago, the scientific and medical community did not know what caused AIDS; when we become physicians, an HIV vaccine may be available.

- One of the greatest frustrations of first year medical students in the past has been the lack of discussion of social issues surrounding medicine and early clinical exposure. Several courses in the new curriculum address these concerns. For example, in Social Medicine, students spend the afternoon first in lecture then in small groups discussing issues such as cultural sensitivity, lifestyle-related illness, and death and dying. In the Patient in the Community course, students have also been assigned to community health clinics and agencies to gain a greater understanding of the roles of physicians and the interactions physicians have with health care teams.

- The new curriculum seeks to integrate subject matter in the basic sciences to facilitate better conceptual understanding of related material taught in different courses. During the first block, as we learned about cardiovascular development in Embryology, we were dissecting the heart in Gross Anatomy and looking at slides of the cardiovascular system in Histology. The opportunity to learn common material concurrently in these disciplines has been invaluable. Although this level of integration is not happening in all courses, we hope to see it expanded as the curriculum grows and matures.

As with any new program, there are still challenges for further adjusting and defining the new curriculum. Students and faculty are struggling with managing such large amounts of information in such a short period of time, and discerning between essential and less essential information in clinical medicine. The old adage that medical school is like trying to take a sip from a fire hose remains, but thanks to the new curriculum, much of the information is more relevant to our future role as clinicians and community members.

IAIMS Newsletter *Deadline and Mailing List*

The deadline for the Summer 1998 issue of the *IAIMS Newsletter* is June 1, 1998.

The IAIMS Newsletter is available electronically via the WWW at **http://medlib.med.utah.edu/iaims/iaims.html**

To receive a copy of the electronic version in PDF format, send a email message to: MAISER@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5980. VOICE: 801-581-5534. FAX: 801-581-3632. INTERNET: jeannele@lib.med.utah.edu.

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The Spencer S. Eccles Health Sciences Library
Spring Quarter 1998 Hours

March 29 to June 2, 1998

Monday to Thursday	7:00 A.M.–11:00 P.M.
Friday	7:00 A.M.– 8:00 P.M.
Saturday	9:00 A.M.– 8:00 P.M.
Sunday	11:00 A.M.–11:00 P.M.

Special Hours

Memorial Day—Monday, May 25, 1998	7:00 A.M.–11:00 P.M.

Extended Hours, June 3 to June 11, 1998

Monday to Thursday	7:00 A.M–MIDNIGHT
Friday	7:00 A.M.–11:00 P.M.
Saturday	9:00 A.M.–11:00 P.M.
Sunday	11:00 A.M.–MIDNIGHT

Break Hours, June 12 to June 20, 1998

Thursday, June 12	7:00 A.M.–11:00 P.M.
Monday to Friday	8:00 A.M.–8:00 P.M.
Saturday	9:00 A.M.–6:00 P.M.
Sunday	Closed

Regular Summer Quarter hours resume on Sunday, June 21, 1998

Phone Numbers

Administration	801-581-8771
Hours	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4686
Computer & Media Services	801-581-8052
Duplication	801-581-5258
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-585-3031
Reference	801-581-5534
Slice of Life	801-585-2737
Technical Services	801-581-5266
Technical Support	801-581-3691

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URL: http://medlib.med.utah.edu/

IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Spring 2000 *Volume 15 Number 2*

Library and Information Technology Forum Schedule Spring Semester

The Spencer S. Eccles Health Sciences Library sponsors a series of noontime seminars related to libraries and information technologies. The Library and Information Technology Forum is generally held the second Wednesday of the month in Classroom C from 12:05 until 1:00 P.M. Sessions provide an opportunity for faculty, staff and students to learn about new computer technologies and electronic information sources. See **http://medlib.med.utah.edu/eccles/lift.html/** for full program descriptions.

Rick Simpson, Associate Dean Academic Outreach and Continuing Education, is the featured speaker for the January 12 Forum. His talk is titled *University of Utah Academic Outreach and Continuing Education 2000 and Beyond*. Rick plans to highlight four specific topics:

- The "U" as an outreach institution and what that means
- Integrating academic programs during the day on-and-off campus and at site locations
- Technology assisted education
- Non-credit academic programs and conferences

Forum Schedule; Classroom C from 12:05 to 1:00 P.M.

- January 12, 2000—Rick Simpson; *University of Utah Academic Outreach and Continuing Education 2000 and Beyond*
- February 9, 2000—Derek Cowan; *General Graphic Formats and Scanning Techniques*
- April 12, 2000—Jackie A. Smith; *The Value of Computer Kiosks in Patient Education*
- May 17, 2000—Sharon Dennis; *Creating Websites for Health Sciences Education: Tools, Templates and Tips*

Create New Systems of Scholarly Communication with SPARC

SPARC, the Scholarly Publishing and Academic Resources Coalition, is an alliance of libraries that fosters expanded competition in scholarly communication. Launched with support from membership of the Association of Research Libraries (ARL), SPARC creates "partnerships" with publishers who are developing high-quality, economical alternatives to existing high-price publications.

By partnering with publishers, SPARC aims to:

- create a more competitive marketplace where the cost of journal acquisition and use is reduced, and publishers who are responsive to customer needs are rewarded
- ensure fair use of electronic resources, while strengthening the proprietary rights and privileges of authorship
- apply technology to improve the process of scholarly communication and to reduce the costs of production and distribution

SPARC influences the marketplace positively by encouraging publishers to enter markets where the prices are highest and competition is needed most—primarily in the science, technical, and medical (STM) areas. Through its activities, SPARC reduces the risk to publisher-partners of entering the marketplace while providing faculty with prestigious and responsive alternatives to current publishing vehicles.

To accomplish this, SPARC:

- encourages the introduction of alternative scientific communication outlets of high quality and fair price
- guarantees a subscription base and markets new products to potential subscribers

In This Issue

Library and Information Technology Forum Schedule . . . 1
Create New Systems of Scholarly Communication 1-2
Acquisitions Services 2
Slice of Life Workshop Planned for SLC, Summer 2000 2
Library Workshops and Classes 3
Introducing ... Liz Workman 3
Library Classes Survey Results 4
Eccles Library Personnel Changes 4
Online News: STAT!Ref and Merck Manual 5
Technology Assisted Curriculum Center 5
Workshop: Finding the Best Nursing Resources 5
Non-health Databases for Health Professionals 6
Knowledge Weavers Update: Quizmaker 7
IAIMS Newsletter Deadline and Mailing Lists 7
Spring and Summer Semester Library Hours 8
Eccles Library Phone Numbers 8

- generates support for SPARC projects through its public communications

SPARC finances its efforts through coalition member fees that support operating expenses and help build a capital fund to provide start-up money for SPARC projects. SPARC also seeks grant money to augment the capital fund and charges author fees.

The SPARC initiative is supported by the libraries at the University of Utah. Sarah Michalak, Director of the J. Willard Marriott Library, has been active in SPARC since its inception and has recently been elected a member of its Steering Committee. UALC (Utah Academic Libraries Consortium) is SPARC's first consortial member.

UALC has agreed to pay the $500 author charge for any Utah physicist publishing in the *New Journal of Physics*.

For more information on these issues, contact your library liaison and visit these websites: Association of Research Libraries Office of Scholarly Communication: **http://www.arl.org/scomm/** and SPARC: **http://www.arl.org/sparc**

Acquisitions Services

Deborah E. Hile was recently appointed as the new Acquisitions Librarian at the Spencer S. Eccles Health Sciences Library and will be responsible for coordinating monographic purchases for the library with vendors and publishers. She helps create, maintain, and evaluate a body of information in varied formats. Deborah also participates in Eccles Library education programs in support of the School of Medicine and Colleges of Nursing, Health, and Pharmacy.

The Eccles Library participates in several publisher and vendor plans that enable the library to receive relevant scholarly and technical titles regularly. However, materials may be ordered on a title-by-title basis. The selection process is greatly enhanced by recommendations and input received from faculty, staff, and students. To make a book, journal, or database suggestion for library purchase, contact Deborah by telephone at 801-587-9247 or via email to dhile@lib.med.utah.edu. Purchase recommendations can also be left at the Eccles Library Reference desk. Please contact Deborah for policies regarding monographic gifts and donations to the Eccles Library.

Slice of Life Workshop Planned for Salt Lake City, Summer 2000

The thirteenth annual Slice of Life Workshop—Computers in Healthcare Education Symposium—returns to the University of Utah in June 2000. Events are scheduled for June 29 to July 1, with an optional two-days of pre-workshops scheduled June 27- 28.

Purpose: The major goal of the workshop is to bring together developers of medical and health-related educational multimedia.

Attendee Characteristics:
- medical educators and library staff who want to see how new technology is used and get ideas about what is available
- software developers who want to get feedback on projects under development or completed
- developers who want to see the direction new software and technology is taking
- those wanting to network with colleagues with similar academic or technical interests

The workshop program involves more than half the attendees in some way and avoids concurrent activities in order to stimulate communication and networking.

Program submission deadline is February 1, 2000: Interested faculty and developers are encouraged to submit their program ideas. A *Program Submittal Form* is available at **http://www.slice.gsm.com** In addition, the website archives the programs and abstracts for the previous three meetings at **http://www.slice.gsm.com/archives.htm**

Accommodations and Events: Accommodations are available at the University Park Marriott Hotel and the new University Guest Inn. See **http://www.slice.gsm.com/hotel.htm** for details. Special events include dinner and an evening at the Red Butte Arboretum; and a special Saturday afternoon/evening extravaganza up a near-by canyon.

Sponsors:
- University of Utah: Slice of Life and Knowledge Weavers
- Thomas Jefferson University: Computers in Healthcare Education Symposium
- Gold Standard Multimedia Inc., Innovative Medical Publishers, Tampa, Florida

Contacts:
- Suzanne Stensaas of the Eccles Library and the Knowledge Weavers is heading the program committee; email: suzanne.stensaas@hsc.utah.edu
- GoldStandard Multimedia is mounting the website and handling registration
- Thomas Jefferson University is in charge of the mailing list and mailing

Registration before May 30, 2000 is $295. The workshop is limited to 250 registrants.

Library Workshops and Classes

Classes with a fee (indicated by an asterisk) require pre-payment.

Tours and Orientations
To schedule call 801-581-5534

Introduction to SilverPlatter Databases
Contact instructor to arrange a date and time; Mary McFarland, 801-581-5534 or email at marym@lib.med.utah.edu

Searching MEDLINE on PubMed	Small PC Lab
Friday, January 14, 2000	3:00 P.M.-4:30 P.M.
Monday, January 24, 2000	3:00 P.M.-4:30 P.M.
Friday, February 11, 2000	1:00 P.M.-2:30 P.M.
Monday, February 28, 2000	1:00 P.M.-2:30 P.M.
Friday, March 10, 2000	3:00 P.M.-4:30 P.M.
Monday, March 27, 2000	3:00 P.M.-4:30 P.M.
Friday, April 7, 2000	1:00 P.M.-2:30 P.M.
Monday, April 17, 2000	1:00 P.M.-2:30 P.M.

***Advanced SilverPlatter MEDLINE**
Contact instructor to arrange a date and time; Mary Youngkin, 801-581-5534 or email at maryy@lib.med.utah.edu

Full-text Databases	Small PC Lab
Wednesday, January 19, 2000	3:00 P.M.-4:30 P.M.
Wednesday, February 16, 2000	1:00 P.M.-2:30 P.M.
Wednesday, March 22, 2000	3:00 P.M.-4:30 P.M.
Wednesday, April 19, 2000	1:00 P.M.-2:30 P.M.

Finding Information on the Internet
Subject specific Internet classes are being developed for Spring Semester. Contact instructor to request a subject or to arrange a date and time; Jeanne Le Ber, 801-585-6744 or email at jeannele@lib.med.utah.edu

***Introduction to HTML**
Not being offered Spring Semester. See the Marriott Library class list at http://www.lib.utah.edu/instruction/schedule.html

***Intermediate HTML**
Not being offered Spring Semester. See the Marriott Library class list at http://www.lib.utah.edu/instruction/schedule.html

Non-Health Databases for the Health Professional	Small PC Lab
Friday, February 18, 2000	1:30 P.M.-3:00 P.M.
Wednesday, March 15, 2000	9:30 A.M.-11:00 A.M.
Wednesday, April 12, 2000	1:30 P.M.-3:00 P.M.

Presentations Using *PowerPoint*	Small PC Lab
Wednesday, January 26, 2000	2:00 P.M.-4:00 P.M.
Wednesday, February 23, 2000	2:00 P.M.-4:00 P.M.
Wednesday, March 29, 2000	2:00 P.M.-4:00 P.M.
Wednesday, April 19, 2000	2:00 P.M.-4:00 P.M.

Bibliographic Management

Reference Manager for Windows	Small PC Lab
Friday, January 28, 2000	2:00 P.M.-4:00 P.M.
Friday, March 31, 2000	2:00 P.M.-4:00 P.M.
EndNote 3 for Windows	Small PC Lab
Friday, January 21, 2000	2:00 P.M.-4:00 P.M.
Friday, February 25, 2000	2:00 P.M.-4:00 P.M.
Friday, March 17, 2000	2:00 P.M.-4:00 P.M.
Monday, April 24, 2000	2:00 P.M.-4:00 P.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. For more information, class descriptions, instructor phone number, email address, and registration form, see the Eccles Library Web page at **http://medlib.med.utah.edu/education/workshop.html**—or, please call 801-581-5534 or 801-585-6744.

Introducing ... Liz Workman

Reference Librarian, Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Liz Workman.

In a former life, Liz Workman began working at the Spencer S. Eccles Health Sciences Library in 1983 while attending the University of Utah. She began working as a shelver, then became a desk assistant. Excluding a stint to do volunteer work in Italy, Liz continued her work at the library until she completed a B.A. in English in 1989.

While pursuing other adventures, Liz moved to Hawaii to attend library school. She completed a Masters of Information and Library Studies degree at the University of Hawaii in December of 1993, then returned to Utah. After working in corporate and public libraries, Liz returned to the Eccles Library in November as a reference librarian. She quite enjoys this work, especially when she is assisting patrons in their various information quests. Liz has a particular interest in consumer health reference, a passion she developed while working in public libraries. She is absolutely elated to be back at the Eccles Library, and is looking forward to assisting library patrons and pursuing professional interests while working here.

When she's not at the library, Liz enjoys running, reading, writing, being outside (when it's not too cold), and especially being with her little daughter.

Library Classes Survey Results

The Spencer S. Eccles Health Sciences Library Education Team conducted a **Library Classes Survey** during the Fall semester. Surveys were distributed in print and available on the library website; survey dates ran from August 25 to September 30, 1999. The survey asked respondents to identify if they were students, staff or faculty and what school/college they were associated with, as well as six questions related to interest in specific classes currently offered and preferred times, dates and length of classes. Respondents were encouraged to identify classes they would like to see offered and make any additional comments.

Surveys were included and mailed with the Fall Semester *IAIMS Newsletter*, as well as available in-house at key service stations (Circulation, Computer and Media, Duplication, Reference and the Clinical Library) and in the teaching labs. In addition, surveys were dropped off at the Colleges of Health, Nursing and Pharmacy for distribution to faculty and staff.

A total of 155 surveys were returned, which included 8 surveys submitted from the website. Results were entered and tabulated using *SPSS* version 9. Taking into account that not all questions were answered we learned the following:

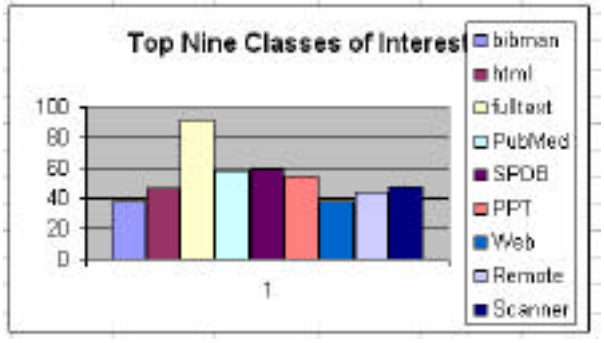
Of the 150 respondents who answered the question related to their status:

- 62 were students (40%)
- 57 were faculty (36.8%)
- 30 were staff (19.4%)
- 1 was other (.6%)

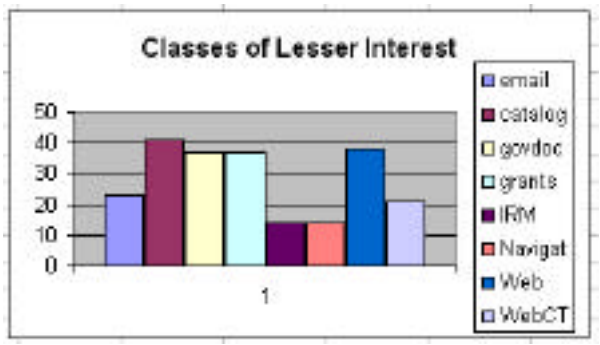
Of the 112 respondents who answered the question related to their department:

- 35 associated with the College of Health (22.6%)
- 34 associated with the College of Nursing (21.9%)
- 20 associated with the School of Medicine (12.9%)
- 16 associated with the College of Pharmacy (10.3%)
- 5 associated with University Hospitals & Clinics (3.2%)
- 2 were listed as other (1.2%)

Respondents were given a list of classes and asked to indicate which ones they would be interested in taking. A graph of the nine most popular classes is reproduced below. Most interest was expressed in full-text (92), Silver Platter databases (59), PubMed (58) and PowerPoint (55), classes already offered by the Eccles Library. Interest was expressed in two classes we do not regularly offer (but will develop) in using the scanner (47) and remote access (44).



A graph of classes of lesser interest but still of value to our survey respondents is reproduced below. Currently we do not offer regularly scheduled classes in the use of email, the online catalog, government documents on the web, or grant writing, but will consider adding these to our class offerings.



In response to the question "What times are most convenient for you to take a class?", there were slightly more requests for afternoon or evening classes than for morning classes.

In response to the question "What days are most convenient for you to take a class?", the responses were varied and seemed dependent on current semester teaching/class schedules. Tuesday and Thursday seemed slightly more popular than other days, and their were nine requests for Saturday classes.

The question concerning class length indicated that the majority of respondents (99 out of 142) preferred the two-hour class length. And most people felt it was "OK" to split a longer class into shorter time periods.

The survey also asked respondents to suggest classes they would like to see the library offer. Suggestions included *Excel* (7) *ACCESS* (3), Advanced *PowerPoint* (3), *SPSS* (1), Graphics (1), Literature Review (1) and general Internet (1).

We received a number of positive comments from survey respondents indicating they like our instruction services. As a reminder, classes are listed on the Eccles Library Web page at **http://medlib.med.utah.edu/eccles/education.html** Take a look.

A big thank you to survey respondents. We learned a lot from you and hope to continue meeting your needs.

Eccles Library Personnel Changes

Nancy Lombardo returns from maternity leave January 4, 2000.

Liz Workman accepted a position as Reference Librarian; she started November 1, 1999.

Online News

Electronic Textbooks

University of Utah users now have access to the **STAT!Ref Medical Reference Library**, a collection of 31 medical titles in electronic form. Resources include 9 of Lange's "Current" series, *AHFS Drug Information, USP DI, Mosby's GenRX, The Medical Letter, Handbook of Adverse Drug Interactions, Basic & Clinical Pharmacology, Griffith's 5 Minute Consult, The Merck Manual of Diagnosis & Therapy, Family Medicine: Principles & Practice, Dictionary of Medical Acronyms & Abbreviations, Geriatric Medicine, Medical Immunology, Williams Obstetrics, Rudolph's Pediatrics, Review of Medical Physiology, Review of General Psychiatry, Diagnostic and Statistical Manual of Mental Disorders (DSM IV), Treatments of Psychiatric Disorders, Ellenhorn's Medical Toxicology,* and *Smith's General Urology*.

Topics can be searched across all titles, or in selected resources. Retrieval is ranked according to relevance and users may increase or decrease the sensitivity of the search engine. Alternately, users may examine titles by their tables of contents, selecting specific sections or chapters to read. The database is also linked to *Stedman's Medical Dictionary* so that searchers may perform word lookups while examining retrieval.

This resource is available at **http://EcclesNT.med.utah.edu/statref/tserver.dll** and is accessible from University of Utah workstations or via the proxy server.

The Merck Manual of Diagnosis and Therapy (17th edition)
http://www.merck.com/pubs/mmanual/

This title is available on STAT!REF but if you visit the link below, Merck also provides the entire second edition of *The Merck Manual of Geriatrics* and part of *The Merck Manual of Medical Information--Home Edition* free as well.

The seventeenth edition of the *The Merck Manual of Diagnosis and Therapy* is available free at the website of Merck and Co., Inc. This 1999 centennial edition of the *Manual* has been edited by Mark H. Beers and Robert Berkow and includes contributions from hundreds of experts in the medical field. Users will find over 300 chapters on medical diseases, disorders, and related drug information in 23 specialty areas that include nutritional disorders, cardiovascular disorders, infectious diseases, gynecology/obstetrics, clinical pharmacology, and poisoning. Entries for each disease or disorder provide information such as causes and risk factors, symptoms and diagnosis, prevention, and treatment. The *Manual* is searchable by keyword and includes hyperlinks to chapters, topics, diagrams, and tables throughout the text. A print or palm pilot version can be ordered at the site.

Technology Assisted Curriculum Center

The Technology Assisted Curriculum Center (TACC) exists to support the efforts of University of Utah faculty members to integrate various technologies and information navigation skills into their curriculum for the enhancement of quality teaching and learning.

TACC's mission is to take part in ushering in the new millennium by providing faculty members with a wide, up-to-date, and user-friendly spectrum of digital services and resources. TACC is conveniently located in the Marriott Library, making information resources and the knowledge base of skilled librarians and information professionals available for faculty curriculum development. Because TACC is a partnership among the libraries, University of Utah academic departments and colleges, and Academic Outreach and Continuing Education, consultants at the TACC draw upon and provide varied services and resources for disciplines across the curriculum. All faculty members—ranging from the computer novice to the expert in developing fully asynchronous courses—are encouraged to actively participate in an environment conducive to collaboration, experimentation, exploration, and innovation in education.

Visit TACC's website at **http://www.tacc.utah.edu/** for information about the Center's goals, staff, activities, events, news and academic resources.

Workshop: Finding the Best Resources to Answer Nursing Questions

The Utah Health Sciences Library Consortium (UHSLC) is sponsoring a half-day workshop on Thursday, February 17, 2000 from 7:30 A.M. to noon in the Spencer S. Eccles Health Sciences Library History of Medicine Room. Margaret (Peg) Allen, MLS-AHIP, will present a workshop titled *Finding the Best Resources to Answer Nursing Questions*. Peg has provided library services to nurses for more than 30 years. She is a former editor of *International Nursing Index*, and now consults with Cinahl Information Systems and the Wisconsin AHEC (Area Health Education Center) to improve library/information services to nurses and other health professionals.

For more information about the workshop schedule, registration form and fee, see the Eccles Library webpage at **http://medlib.med.utah.edu/education/pegallen.html** Workshop is free to UHSLC members and member libraries; $15 for all others. Call or email Jeanne Le Ber for more information (801-585-6744 or jeannele@lib.med.utah.edu).

Non-health Databases for Health Professionals

Liz Workman, Affiliate Librarian, Spencer S. Eccles Health Sciences Library

Many people in the health care profession are familiar with databases such as MEDLINE and CINAHL which focus exclusively on health issues. However, many health professionals may not realize that there are other databases that are potentially useful in health care research. The following list briefly introduces just a few such resources. Although several of these are traditionally associated with other fields, those individuals researching certain topics, or utilizing certain methods, will find valuable health-related information through consulting these databases. Unless otherwise indicated, access these sources through the Marriott Library Indexes, Databases & Reference Material link at **http://www.lib.utah.edu/** From the alphabet, select the beginning letter of the database title to find its link. Tipsheets offering help in using some of these utilities and other useful information can be accessed through **http://www.lib.utah.edu/science/handouts/list1.html**

Biological Abstracts
Includes more than five million records and citations with abstracts. Draws upon nearly 5500 domestic and international journals to index the world's biological and biomedical literature. Covers materials from 1985 to the present. Search by completing the template or by clicking the "index" button and entering a term to be searched in one or all fields.

Chemical Abstracts
This electronic version of the popular printed index provides several convenient means for searching. Choose among five CD-ROMS (12CI covers 1987-91, and 13CI contains 1992-1996). After clicking the "browse" button, choose an index to search. There are many indexes, including author, formula, compound, and patent number. Double click on the desired item found in the index to view the citation and abstract. Click "browse" again to return to the index. Click on the "search" button to perform keyword searches in selected fields. Chemical Abstracts indexes literature from all areas of chemistry and chemical engineering, including biochemistry. Includes materials from 1987 to the present. (Note: In order to access this database, you must have CITRIX software downloaded to your PC. See the Chemical Abstracts link for downloading and more information).

COMPENDEX
Includes over 3 million citations with abstracts for journal articles, technical reports and conference papers. This interdisciplinary database includes literature from bioengineering and other health-related fields. Currently there are two options for COMPENDEX through the Marriott Library, a traditional interface and a simplified interface. By entering "artificial organs" as a subject through either route, one will retrieve articles related to many variations of this topic, such as bioartificial livers. Both interfaces support searches with multiple terms and those limited to a specific field.

CRC Handbook of Chemistry and Physics
The electronic version of this compendium of chemical and physical property information is based on the 79th Edition (1998) of the printed text. In the electronic version, some tables have been expanded and updated, but it does not include the appendix of mathematical tables. Choose a chapter from the "browse" menu or click "search" to access the keyword and subject indexes. Pages appear in PDF format. Accessing this database requires CITRIX software.

De humani corporis fabrica
This digitized facsimile of the famous work by Andreas Vesalius is searchable and the images can be enlarged to 300%. After choosing a disc, click "Set Up" and follow the instructions.

PsychINFO
Includes more than 1,087,000 citations with abstracts to literature dealing with all aspects of psychology, including behavioral literature in several related disciplines, including medicine. Its coverage is international in scope, with citations from 1967 to present. As a sample search, one may click on the thesaurus and enter the term "lupus." At this point, the database offers broader and related terms. By clicking search for the term lupus one will find many articles related to both psychological and physiological aspects of the disease. PsychINFO also accommodates keyword searches, searches that are limited to a particular field of the citations, and searches with multiple terms.

The Scientific and Technical Information Network at DTIC via the Internet at http://www.dtic.mil/stinet/
The Defense Technical Information Center (U.S. Department of Defense) provides a number of resources, including the Scientific and Technical Information Network, or STINET. This huge database was created mainly for the use of military personnel and government contractors, but the general public can also access much of its content. A simple keyword search can locate citations and abstracts that address health issues. Users registered with DTIC may order reports online for a fee. Unregistered users may order materials through NTIS **(http://www.ntis.gov)**. University affiliates may be eligible to register. Please see the information at **http://www.dtic.mil/dtic/regprocess.html** STINET includes materials from 1974 to the present.

Sociofile
Includes citations with abstracts to articles from over 2,500 journals and serial publications. Its two components, *Sociological Abstracts* and *Social Planning, Policy and Development Abstracts* index literature from the social sciences and related fields. Citations date from 1963 to the present. As an example, a search on "cancer" leads to many articles addressing sociological and physiological aspects of cancer. Sociofile also accommodates keyword searches, searches that are limited to a particular field of the citations, and searches with multiple terms.

Knowledge Weavers Update: New Instructional Tools - Quizmaker

Susan Roberts, Project Manager, Spencer S. Eccles Health Sciences Library

Client-side Quizmaker

The Knowledge Weavers project of the Spencer S. Eccles Health Sciences Library announces Quizmaker, a new version of the Multiple Choice Quiz Template **(http://medlib.med.utah.edu/kw/quiz_temp.html)**

Quizmaker is designed for instructors who want to create interactive Web-based multiple-choice quizzes without coding in HTML or Javascript. The client-side version of Quizmaker (see figure 1) consists of a stand-alone FileMakerPro database interface and a program (written in Perl) that generates a Web-readable multiple choice quiz (see figure 2). The instructor enters questions, answers and feedback through form fields in the database interface (see figure 3). Links to images, references and URLs can also be made for each question. The instructor has the option of tagging each question with keywords from a custom keyword list that they create. A quiz can then be generated from all of the questions in the database or from a select set of questions found by searching with the keywords.

Figure 1—Quizmaker, front page

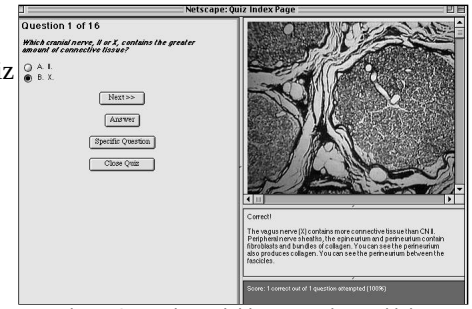


Figure 2—Web-readable Interactive Multiple Choice Quiz Page

Quizmaker will run on MacOS 7.5 or later as well as Windows 95/98/NT. It can be downloaded from the Knowledge Weavers website at: **http://medlib.med.utah. edu/kw/quizmaker_fmp/**

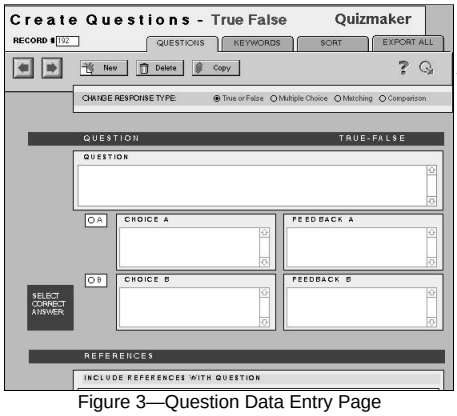


Figure 3—Question Data Entry Page

Server-side Quizmaker

The Knowledge Weavers team is also working on a server-side version of Quizmaker. The server-side version of Quizmaker stores questions, answers and feedback in a back-end database. An instructor will be able to access the database through a Web browser and automatically generate web-based multiple choice quizzes. The server-side version of Quizmaker will also have a student-user interface that will enable students to view specific quizzes already generated by an instructor as well as let students generate custom quizzes in selected subject areas.

For a more information on the server-side Quizmaker and a preview, go to **http://medlib.med.utah.edu/kw/quizmaker/**

Additional information about these Knowledge Weavers' projects and others can be found on the Knowledge Weavers website at: **http://medlib.med.utah.edu/kw/** You may also contact Susan Roberts by email sroberts@lib.med.utah.edu or phone 801-581-3031.

IAIMS Newsletter Deadline and Mailing List

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)
Assistant Editor: Deborah Hile (dhile@lib.med.utah.edu)

The deadline for the Summer 2000 issue of the *IAIMS Newsletter* is Monday, April 17, 2000.

The IAIMS Newsletter is available electronically via the WWW at **http://medlib.med.utah.edu/iaims/iaims.html**

To receive a copy of the electronic version in PDF format, send an email message to: MAISER@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5980. VOICE: 801-585-6744. FAX: 801-581-3632. INTERNET: jeannele@lib.med.utah.edu.

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InfoFair 2000

Video Visions: Integrating Multimedia in the Clinical Setting

Thursday, March 23

Keynote Speaker: Joseph V. Henderson

Panel: K. Jones, L. Reimer, S. Richardson

Afternoon workshops.

Plan to attend!

http://medlib.med.utah.edu/infofair

The Spencer S. Eccles Health Sciences Library Spring and Summer Semester 2000 Hours

January 3 to June 30

Monday to Thursday	7:00 A.M.-11:00 P.M.
Friday	7:00 A.M.-8:00 P.M.
Saturday	9:00 A.M.-8:00 P.M.
Sunday	11:00 A.M.- 11:00 P.M.

Special Hours

January 17—Martin Luther King Jr. Day	Regular hours
February 21—Presidents Day	Regular hours

Extended Weekend Hours; April 28 & 29, May 5 & 6, May 12 & 13

Fridays	7:00 A.M.-11:00 P.M.
Saturdays	9:00 A.M.-11:00 P.M.

Regular Summer Semester Hours Resume July 1

Phone Numbers

Administration	801-581-8771
Hours	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4686
Computer & Media	801-581-8052
Gifts to Library	801-581-5266
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

The ***IAIMS Newsletter*** is published 3 times a year (August, January, May), with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah.
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URL: http://medlib.med.utah.edu/

IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Spring 2003 Volume 18 Number 2

Library and Information Technology Forum Spring Schedule 2003

The Spencer S. Eccles Health Sciences Library sponsors a series of brown bag seminars related to libraries and information technologies. The Library and Information Technology Forum is generally held the second Wednesday of the month in Classroom B in the School of Medicine from 12:05 until 1:00 p.m. Sessions provide an opportunity for faculty, staff and students to learn about new computer technologies and electronic information sources. Visit our website linked from Educational Materials.

The January 15 LIFT Forum, *IP Video Conferencing: Understanding and Implications*, will be presented by Randy Scott, Advanced Technology Planning Officer at the Utah Education Network. Randy will talk about video conferencing technology and provide attendees with information that will help them determine where or how IP video conferencing may impact their jobs and lives. The presentation will be slightly technical in nature but will be valuable to all who are interested. Some portion of the time will be available for questions and answers.

Forum Schedule: Classroom B from 12:05 to 1:00 P.M.

- February 12—Jennifer Logan; *New Technologies and New Web Design Enhance Genetic Science Education*
- March 12—Rita Reuch, *Copyright and the TEACH Act*
- April 9—Karen Gunning; *Drug Resources for PDAs*

InfoFair 2003 Tuesday, March 25

Put this date on your calendar.

Eccles Library Provides Laptop Checkout Service

The Spencer S. Eccles Health Sciences Library provides laptops for use by University of Utah faculty, staff or students. Approximately 27 laptops are available for checkout. The laptops are equipped with wireless network cards, allowing users to work at any location in the library. The laptops circulate for a 4-hour period and are restricted to use within the library. A valid University ID is required for checkout. Checkout is available at the Circulation Desk.

In addition to the library checkout, students affiliated with a health science education program at the University of Utah have extended laptop checkout possibilities. Any health science student who is involved in a project focusing on an underserved area or population, a primary care project, or a public health project may be eligible for an extended laptop checkout for up to 4 weeks. Projects must be reviewed and approved by Robert Quinn, School of Medicine, Public Community Project Coordinator, or Molly Youngkin, Eccles Library, Outreach Librarian.

All laptop checkout requires a signature from the borrower stating that they accept responsibility for the equipment during the loan period. Compliance with all University and state laws and policies is also required for laptop checkout.

Please contact Nancy Litz at 801-581-8052 or nelitz@lib.med.utah.edu for more information related to this service.

In This Issue

Library and Information Technology Forum Schedule 1
Laptop Checkout Service 1
Introducing . . . Wanda Ramos 2
Video and DVD Update AND Welcome to Tox Town 2
What's New for PubMed and MEDLINE*plus* 3
Mobile Curriculum Tools: An Opportunity for Collaboration 4
Health Education Assets Library Adds New Features 4
Library Workshops and Classes 5
Web of Science Is Up! 5
Utah Academic Libraries Meeting Via Teleconferencing 6
2003 Slice of Life Workshop 6
Scholarly Communication: BioMed Central 7
IAIMS Newsletter Deadline and Mailing List 7
Spring Library Hours and Phone Numbers 8

Introducing . . . Wanda Ramos

Financial Analyst
Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Wanda Ramos.

"I was born and lived in Puerto Rico until the age of fifteen and then moved to Salt Lake City where I completed my last two years of high school education at South High School.

"After attending the University of Utah for a year I decided to take a break from school and enter the workforce. I had the opportunity to work in different places but one of my most memorable experiences was working at the Humboldt County Library located in the town of Winnemucca, Nevada. At the library I worked at the circulation desk which gave me the opportunity to meet very interesting people.

"I decided to move back to Salt Lake to complete a bachelor's degree in accounting at the University of Utah while working full time in various departments at the University. Most recently, I accepted the position of Financial Analyst at the Eccles Library. I'm really excited about the opportunity to be here and utilize my accounting skills.

"My interests outside of work include traveling, dancing, exercising, listening to music and watching a good movie."

InfoFair 2003

The Spencer S. Eccles Health Sciences Library's InfoFair 2003 has been scheduled for Tuesday, March 25. Plans for the day's events are in process and will focus on the subject of scholarly publishing with new technologies.

Mary Case, Director of the Office of Scholarly Communication, Association of Research Libraries has accepted the library's invitation to present the keynote address.

The InfoFair 2003 website will be available in early February at http://medlib.med.utah.edu/library /infofair/infofair.html Please visit the site then to learn about presentations, presenters, programs and workshops.

Video and DVD Update

The Spencer S. Eccles Health Sciences Library has received and cataloged the following videocassette programs.

VT3 2002-29	*Asthma in Children*
VT3 2002-30	T*reatment Adherence: How to Improve Patient Compliance*
VT3 2002-31	*Rural Medicine, Today and Tomorrow*
VT3 2002-32	*An Update in Neoplastic Diseases: Renal Cell Carcinoma, Testicular Cancer, and Tumors of the Central Nervous System*
VT3 2002-33	*On Being an Oncologist*
VT3 2002-34	*Medicine and Rehabilitation: A Multidisciplinary Commitment Over Time*
VT3 2002-35	*Report from Barcelona: Highlights from the 14th AIDS International Conference*
VT3 2002-36	*Effective Web Design: A College of DuPage Teleconference*
VT3 2002-37	*Understanding and Managing Acute Pain*
VT3 2002-38	*Christopher Reeve's Spinal Injury*
VT3 2002-39	*Safeguarding our Library Patrons' Privacy: An MLA Teleconference*

Tapes and DVDs can be viewed and/or checked out at the Public Services desk on the main level of the Eccles Library. Any questions you have about NCME videos, videocassettes or other media-based programs can be directed to Nancy Litz at 801-581-8052 or nelitz@lib.med.utah.edu.

Welcome to Tox Town

The Specialized Information Services Division of the National Library of Medicine launched **Tox Town** in October, 2002. The Tox Town website uses color, graphics, sounds and animations to add interest to learning about connections between chemicals, the environment, and the public's health. Tox Town provides an introduction to toxic chemicals and environmental health risks that might be encountered in everyday life, in everyday places. Still in development, Tox Town provides access to a limited number of locations and chemicals.There are future plans to include more chemicals and different types of geographic locations, such as a city or farm. Visit the website at http://ToxTown.nlm.nih.gov/main.html

*What's New for PubMed and MEDLINE*plus

Liz Workman, Clinical Librarian
Hope Fox Eccles Clinical Library

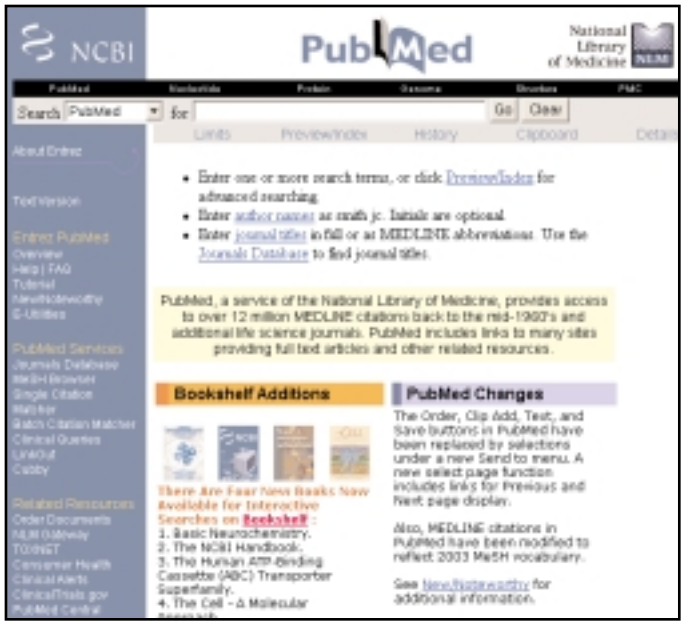
The National Library of Medicine has enhanced the PubMed (http://www.pubmed.gov) and MEDLINE*plus* (http://medlineplus.gov) websites. MEDLINE*plus* points visitors to reliable consumer-oriented health information, while PubMed continues to be an important index to professional health literature.

PubMed

NLM has made several recent modifications to PubMed to improve its performance and capabilities. The algorithm used in the automated "related articles" feature has been modified to produce a more precise search. This tool automatically builds and executes a search query based on the major topics of a given article selected by a user. The new term-weighted algorithm is more capable of retrieving relevant citations, even those that do not include an abstract. To use this tool, simply click on the "Related Articles" option attached to the citation of your choice.

The new "select page" feature facilitates better navigation. Users can enter the exact page of a resulting search. Text boxes in which users may enter a page number are located just above and below the list of citations, on the right side of the Web page.

The Order, Clip Add/Clip Remove, Text, and Save buttons have been replaced by the "Send to" tool, which includes a pull-down menu, allowing users to send selected citations to a file, a text format, the clipboard, or to be forwarded on as a Loansome Doc order.



MEDLINE*plus*

MEDLINE*plus*, NLM's source for quality consumer health information, now offers better searching capabilities, interactive tutorials, and Spanish content. Users who enter a search term will now receive results organized in online folders. For example, a search using the term "cancer" will distribute results to five folders:

1. Health Topics
2. Medical Encyclopedia
3. Drug Information
4. News
5. Other

Within the Health Topics folder, the results are further divided into categories such as "Cancer (General)" and "Prostate Cancer." The Health Topics folder in the right sidebar expands to display these divisions.

There are now over 150 interactive tutorials. Users can find such online presentations regarding diseases and conditions, tests and diagnostic procedures, surgery and treatment procedures, plus health and wellness. Each tutorial provides a slide presentation that is divided into logical subtopics with images and sound, and questions to test a user's understanding of the relevant subject. Each tutorial also includes instructions on its use.

MEDLINE*plus* now includes information in Spanish. The "Temas de Salud" section provides Spanish language information on many subjects, and has separate sections addressing the needs of specific audiences (such as men and children), and a preventive medicine area. There is also a medical encyclopedia (Enciclopedia Médica), and many interactive tutorials in Spanish.

MEDLINE*plus* is available at http://medlineplus.gov/ Please visit the website and explore the latest in consumer health information.

Mobile Curriculum Tools: An Opportunity for Collaboration.

John Bramble, Reference Librarian
Spencer S. Eccles Health Sciences Library

The Spencer S. Eccles Health Sciences Library recently hosted a meeting with faculty and staff from the School of Medicine, Medical Informatics, Information Technology Services and Colleges of Pharmacy and Nursing to discuss mobile curriculum tools. The goal of the meeting was to generate dialog about using or developing these tools to enhance the educational process. Nancy Lombardo, Systems Librarian provided a brief introduction and overview of mobile curriculum options and then asked participants to share their experiences, interests, and concerns with the use of mobile curriculum tools.

Mobile curriculum tools allow information to be pushed from faculty-to-students, student-to-faculty, faculty-to-faculty and student-to-student in a manner that is "device agnostic" and not geographically dependent. In other words, as long as students and faculty have access to the Web or a wireless network using a handheld device, they can access course materials and communicate instantly with fellow faculty or students.

For example, arcstream.com (http://www.arcstream.com/home.asp) has developed software that allows faculty to generate and maintain their curriculum via the Web. Some basic features of arcstream.com's software are it allows faculty to:

- send and receive comments and questions from students
- post course materials, quizzes and tests
- check student progress with assigned course work

For PDA users, the handheld acts as a temporary storage and input device until they sync with their main computer.

As another example, Professor Bill Griswold, from the University of California at San Diego, heads the ActiveCampus Project. (http://activecampus.ucsd.edu). His program has successfully integrated the use of PDA technology in the classroom. Funded by a grant, students receive wireless PDAs at the beginning of the semester. Students are required to bring their PDAs to class sessions so that faculty can instantly send, grade and return quizzes. In addition, students can ask questions, ask for clarification, or respond to questions instantly during class via the wireless network. This process is very effective in large auditorium settings and has given new voice to students who might otherwise be intimidated by their peers.

Participants attending the Eccles Library mobile curriculum tools meeting expressed interest and excitement about the possibilities and opportunities for integrating this technology into the classroom. The library plans on organizing/facilitating future forums and presentations from educators who are using the technology in the classroom and from hardware and software vendors of mobile curriculum tools.

As this is a collaborative effort, we invite and encourage your participation and input. If you have suggestions for forum or presentation topics discussing mobile curriculum tools, please contact: John Bramble (801-581-5534, jbramble@lib.med.utah.edu) or Nancy Lombardo (801-581-5241, nancyl@lib.med.utah. edu).

Health Education Assets Library Adds New Features

Sandra McIntyre, Program Manager, HEAL
David Geffen School of Medicine at UCLA

The Health Education Assets Library (HEAL), a national web-based repository of multimedia health education resources, has announced new features in its latest release on January 13. An earlier release of the application provided searching and downloading of free multimedia teaching resources in the health sciences. The new release has added the following:

- browse through the collections with a navigation tree organized by Medical Subject Headings (MeSH) to find specific multimedia files
- use improved search capabilities to search with MeSH terms as keywords
- contribute to the HEAL collection by uploading multimedia files with appropriate cataloging information

In addition, HEAL continues to add to its collection of multi-media teaching resources, most recently with 600 histological images from the UCLA School of Medicine and over 100 NeuroLogic Exam videos, in both English and Spanish, by Paul D. Larsen, M.D. and Suzanne S. Stensaas, Ph.D. HEAL continues to seek more contributors and development partners to augment the scope of its collections, expanding into new file types and into new subject areas.

HEAL is a multi-institutional, collaborative project funded by the National Science Digital Library Initiative (NSDL) of the National Science Foundation (NSF). Sharon E. Dennis, Librarian for Multimedia Development at the University of Utah Spencer S. Eccles Health Sciences Library, is one of the Principal Investigators, along with Dr. Sebastian Uijtdehaage from the David Geffen School of Medicine at UCLA and Dr. Chris Candler from the University of Oklahoma School of Medicine.

To access the multimedia collections, contribute files, or explore partnering with HEAL, visit the website http://www.healcentral.org or contact Sandra McIntyre, program manager, at 310-267-2873.

Library Workshops and Classes

Tours and Orientations
To schedule call 801-581-5534 or email Mary McFarland at marym@lib.med.utah.edu

Searching MEDLINE on PubMed & Special PubMed Features
Contact instructor to arrange a date and time; Molly Youngkin, 801-587-3493 or email molly@lib.med.utah.edu

Bibliographic Management

EndNote (version 5)	**Small PC Lab**
Monday, February 10, 2003	2:00 P.M.-4:00 P.M.
Thursday, February 13, 2003	9:00 A.M.-11:00 A.M.
Wednesday, February 26, 2003	2:00 P.M.-4:00 P.M.
Friday, March 7, 2003	8:00 A.M.-10:00 A.M.
Wednesday, March 19, 2003	2:00 P.M.-4:00 P.M.
Friday, April 4, 2003	9:00 A.M.-11:00 A.M.

Dreamweaver, Part 1 and 2	**Small PC Lab**
Thursday, March 20, 2003	10:00 A.M.-Noon
Friday, March 21, 2003	10:00 A.M.-Noon

Environmental Toxins Resources
To be announced.

Excel Essentials, Part 1	**Large PC Lab**
Tuesday, January 28, 2003	11:30 A.M.-1:00 P.M.
Tuesday, February 18, 2003	11:30 A.M.-1:00 P.M.
Tuesday, March 18, 2003	11:30 A.M.-1:00 P.M.
Tuesday, May 20, 2003	11:30 A.M.-1:00 P.M.
Excel Essentials, Part 2	**Large PC Lab**
Wednesday, January 29, 2003	11:30 A.M.-1:00 P.M.
Wednesday, February 19, 2003	11:30 A.M.-1:00 P.M.
Wednesday, March 19, 2003	11:30 A.M.-1:00 P.M.
Wednesday, May 21, 2003	11:30 A.M.-1:00 P.M.

Grant Writing and Research	**Small PC Lab**
Friday, January 17, 2003	9:00 A.M.-11:00 A.M.
Friday, March 7, 2003	9:00 A.M.-11:00 A.M.

HTML, Beginning
To be announced.

HTML, Intermediate
To be announced.

Patents and Trademark Searching	**Large PC Lab**
Wednesday, February 5, 2003	3:00 P.M.-5:00 P.M.

PubMed MEDLINE Basics	**Small PC Lab**
Tuesday, February 4, 2003	10:00 A.M.-11:30 A.M.
Wednesday, March 5, 2003	10:00 A.M.-11:30 A.M.
Tuesday, April 8, 2003	10:00 A.M.-11:30 A.M.

PowerPoint, Basic Presentations	**Large PC Lab**
Monday, February 3, 2003	9:00 A.M.-11:00 A.M.
Friday, February 14, 2003	2:00 P.M.-4:00 P.M.
Wednesday, March 5, 2003	1:00 P.M.-3:00 P.M.
Thursday, March 27, 2003	2:00 P.M.-4:00 P.M.
Wednesday, April 16, 2003	2:00 P.M.-4:00 P.M.

PowerPoint, Advanced Techniques	**Large PC Lab**
Wednesday, February 19, 2003	2:00 P.M.-4:00 P.M.
Monday, March 31, 2003	2:00 P.M.-4:00 P.M.
Wednesday, April 23, 2003	2:00 P.M.-4:00 P.M.

PowerPoint, Posters	**Large PC Lab**
Wednesday, February 12, 2003	3:00 P.M.-4:00 P.M.
Monday, March 10, 2003	3:00 P.M.-4:00 P.M.
Tuesday, April 8, 2003	9:00 A.M.-10:00 A.M.

Scanning with Adobe Photoshop	**Small PC Lab**
Friday, March 21, 2003	2:00 P.M.-4:00 P.M.
Wednesday, April 9, 2003	2:00 P.M.-4:00 P.M.

Statistics for the Health Sciences	**Small PC Lab**
Friday, February 14, 2003	9:00 A.M.-10:00 A.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. For more information see the Eccles Library Web page at **http://medlib.med.utah.edu/library/edumaterials/eduservices/libclasses.html** or please call 801-581-7535 or 801-585-6744.

Web of Science Is Up!

Barbara Cox, Coordinator of Library Selectors
J. Willard Marriott Library

Web of Science, which covers 8500 major scholarly journals in most academic fields, is now available through the J. Willard Marriott Library database list at http://www.lib.utah.edu/dbaccess/alpha/. Search by topic, author, journal title, author's institution, cited author, cited work, and cited year. This index is especially useful for interdisciplinary searching and for finding articles that have cited a known article or author. Cited reference searching allows you to keep track of fast-paced research, to determine if a theory or technique has been confirmed or modified, and gauge the influence of this work. Once you find an article of interest you can look at its bibliography (Cited References) and also Related Records of articles that share common intellectual ancestors.

The library subscription includes the years 1997 to present; earlier articles will be listed if they have been cited by others since 1997. For earlier years use online Science Citation Index (in same database list) for 1980-2002. The printed indexes, *Science Citation Index, Social Sciences Citation Index,* and *Arts and Humanities Citation Index*, for 1955-2002 are shelved in Science Reference and General Reference at Marriott Library.

Web of Science does not currently include links to the article's full text. Since there are a limited number of ports, please log off when finished using this database. A brief tutorial on main features is available at http://www.isinet.com/tutorials/webofscience5/index.html To learn how to fully exploit the many capabilities of this database, http://www.isinet.com/isi/training/trainingaids/wokaids/wosmaterials/index.html#wosqrc

Utah Academic Libraries Meeting Via Teleconferencing!

Nancy Lombardo, Systems Librarian
Spencer S. Eccles Health Sciences Library

To enhance collaboration and participation among Utah Academic Libraries, the Spencer S. Eccles Health Sciences Library requested and received a gift from the Mariner S. Eccles Foundation to purchase 15 Polycom ViaVideo videoconferencing units for the 14 academic libraries in the state and for the Utah State Library. Polycom ViaVideo units allow two-way interactive videoconferencing over the Internet using an integrated multimedia processor and high-quality camera to deliver high-quality video and audio between locations. Any two sites can meet in a point-to-point meeting with little or no pre-planning. The Eccles Library also collaborates with the Utah Tele-Health Network, which has the hardware, to enable multipoint interactive videoconferences with up to 24 sites with minimal preliminary planning and configuration.

The 14 academic libraries in Utah work closely together as a consortium to share resources and license high quality information resources for the students, staff and faculty of Utah institutions of higher education. The goal of the consortium is to offer high quality information services uniformly across the state. In order to coordinate their efforts, there are 10 different committees composed of members from each institution covering shared concerns such as library instruction, systems, collection development, distance education, and professional development. Because Utah is geographically large, it can be challenging for committees to have full participation. Driving from St. George, Cedar City or Logan to attend a one hour meeting in Salt Lake City is often an impossible time commitment for committee members. With one Polycom unit at each library, any committee member can install the camera in their own office to participate in a statewide library meeting.

Using the Polycom ViaVideo units, the Utah Academic Library Consortium (UALC) has held committee meetings for professional development, systems, and reference and instruction over the Internet. These meetings eliminated all driving (not to mention parking!) time for all participants. Protocols and procedures are being established to make these virtual meetings more efficient. Tips and techniques for effective video-conferencing are being shared among committee members. As this year progresses, it is anticipated that all (UALC) committees will employ this technology to meet at least once. While the goal is not to eliminate face-to-face meetings, these virtual meetings offer time saving convenience and will provide opportunities for improving communication and cooperation among the academic libraries in Utah.

2003 Slice of Life Workshop for Multimedia Developers and Health Sciences Educators

Dates: June 24-25, 2003, Pre-workshops
June 26-28, 2003, Meeting

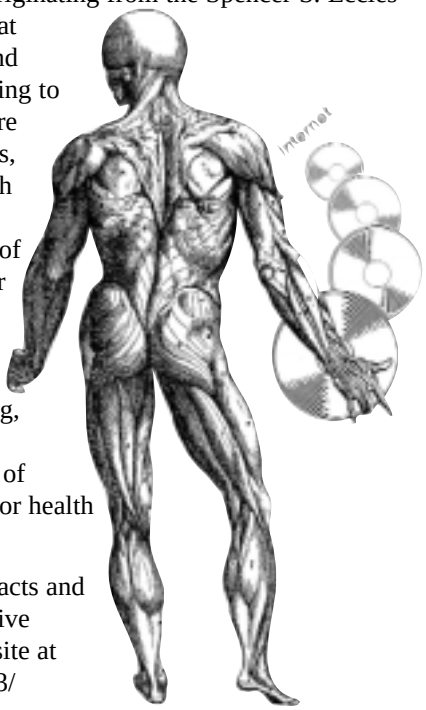
Location: Philadelphia, Pennsylvania

After two years outside the United States, the 16th annual Slice of Life workshop returns to the USA. This year's hosts are Drexel University and the University of Pennsylvania, both in Philadelphia. Drexel University is a wireless university on the cutting edge of technology delivery.

Following an optional two days of pre-workshops the main meeting opens with keynote speakers, panels, electronic demonstrations, electronic posters, breakout sessions, and auditorium presentations. The workshop is limited to 250 people. In order not to be disappointed, be sure to register early. The last time the Slice of Life workshop was held in Philadelphia registration exceeded the number of available spots.

The website contains more information.
http://www.slice.gsm.com

Slice of Life is an idea originating from the Spencer S. Eccles Health Sciences Library at the University of Utah and supported by people willing to work, contribute and share their time, software, ideas, and research projects with the same spirit that produced the 1986 Slice of Life videodisc. Each year this energetic group gathers at a different university and focuses on developing, integrating, sharing, evaluating, and collaborating in all areas of information technology for health sciences education.



The archives of the abstracts and programs from the past five meetings are on the website at http://slice.gsm.com/2003/archives.htm

For detail announcements, sign up for the Slice of Life email listserv at http://www.jiscmail.ac.uk/lists/slice_of_life.html

For program questions please email:
suzanne.stensaas@hsc.utah.edu.

Scholarly Communication: BioMed Central

Mary Youngkin, Librarian, Head Public Services
Spencer S. Eccles Health Sciences Library

In support of new models of scholarly communication, the Spencer S. Eccles Health Sciences Library and the J. Willard Marriott Libraries have paid the necessary fees for the University of Utah to be an institutional member of BioMed Central (BMC). See the University of Utah gateway for BMC at http://www.biomedcentral.com/inst/gateway/

"BioMed Central is an independent online publishing house committed to providing immediate free access to the peer-reviewed biological and medical research it publishes."

It includes free access to 89 online, peer-reviewed journals, plus access to selected research articles from additional titles such as *Breast Cancer Research* and *Genome Biology*.

The University also has purchased access to Faculty of 1000, a literature awareness tool that will "highlight and review the most interesting papers published in the biological sciences, based on the recommendations of a faculty of well over 1000 selected leading researchers. "

The libraries are supporting publication in BMC for a number of reasons:

- **Free access / cost**
  Access to the BMC journals is freely available to all and is archived both at http://www.biomedcentral.com and at the National Institutes of Health's electronic depository of full text articles, at PubMed Central http://www.pubmedcentral.nih.gov Authors receive global visibility, content is archived, and libraries have free access.
  Example: *BMC Genomics* is free and archived. The popular journal, *Genomics*, (Academic Press/Elsevier Science) now costs $4557 PER year for print plus online. If we cancel, we lose all access.
- **No publishing fees for the author**
  Institutional membership means that any University of Utah researcher can submit papers to the BMC Journals without incurring article processing fees.
- **Articles are linked from PubMed**
- **Researchers keep the copyright on their own content**
- **Rapid peer review and publication**
- **Online usage tracing**
  Authors can track the number of times people view or download their articles.
- **BioMed Central satisfies the demands outlined in the open letter from the Public Library of Science** at http://www.publiclibraryofscience.org

For more information on new models of scholarly communication, visit SPARC (Scholarly Publishing and Academic Resources Coalition) at http://www.arl.org/sparc or see "7 New Publishing Models, " http://info.lib.uh.edu/sepb/models.htm IN: Bailey, Charles W., Jr. Scholarly Electronic Publishing Bibliography. Houston: University of Houston Libraries, 1996-2002. http://info.lib.uh.edu/sepb/sepb.html

Eccles Library Personnel Changes

Wanda Ramos has joined the Eccles Library as the Financial Analysis. See her Introducing column on page 2.

Brad Schaefer, Programmer, has transferred from the Knowledge Weavers project to the HEAL project.

BLAST Available from CHPC

BLAST, and its other versions (Mega Blast, Psi/Phi-Blast, and RPS-Blast), are the National Center for Biotechnology Information (NCBI) sequence similarity search tools designed to provide a method for rapid searching of nucleotide and protein databases to support the comparison of new sequences against previously characterized sequences. The University of Utah Center for High Performance Computing has installed stand-alone web-based versions on their computer. All databases are updated whenever new versions are available at the NCBI FTP site. To access the CHPC installation, open up your Web browser, go to http://blast.chpc.utah.edu and select the program that you wish to use. Access is restricted to the utah.edu domain. For more information on BLAST, including tutorials, go to the NCBI website at http://www.ncbi.nlm.nih.gov/BLAST/

For questions about, and/or problems with the CHPC installation contact Anita Orendt at 801-587-9434 or orendt@chpc.utah.edu.

IAIMS Newsletter *Deadline and Mailing List*

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)
Assistant Editor: Bonnie Fox (bfox@lib.med.utah.edu)

The deadline for the Summer 2003 issue of the *IAIMS Newsletter* is Monday, April 28, 2003.

The *IAIMS Newsletter* is available electronically at **http://medlib.med.utah.edu/library/edumaterials/iaims/iaims.html**

To receive a copy of the electronic version in PDF format, send an email message to: maiser@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5890
VOICE: 801-585-6744; FAX: 801-581-3632
EMAIL: jeannele@lib.med.utah.edu

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The Spencer S. Eccles Health Sciences Library

Spring Semester 2003 Hours

Hours are subject to change—Call 801-581-8773 for current hours

January 6 to May 23

Monday to Thursday	7:00 A.M-11:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-8:00 P.M.
Sunday	11:00 A.M-11:00 P.M.

Extended Hours weekend April 26-28

Friday, April 26	7:00 A.M.-11:00 P.M.
Saturday, April 27	9:00 A.M.-11:00 P.M.
Sunday, April 28	11:00 A.M.-11:00 P.M.

Special hours:

Martin Luther King Day, Monday, January 20	Open regular hours
President's Day, Monday, February 17	Open regular hours

Phone Numbers

Acquisitions	801-587-9247
Administration	801-581-8771
Hours/Renewals	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4685
Gifts to Library	801-587-9247
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Media Services	801-581-8052
Outreach	801-587-3493
Regional Medical Library	800-338-7657
	801-587-3412
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

The *IAIMS Newsletter* is published 3 times a year (August, January, May), with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah
Editor: Jeanne Le Ber
Phone: 801-585-6744
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Email: jeannele@lib.med.utah.edu
URL: http://medlib.med.utah.edu/

MC/SCUG NEWS

DECEMBER 1995
VOLUME 11
NUMBER 3

UNIVERSITY OF UTAH HEALTH SCIENCES CENTER • PUBLISHED BY THE SPENCER S. ECCLES HEALTH SCIENCES LIBRARY• UNIV. OF UTAH • BLDG. 589 • SALT LAKE CITY, UTAH, 84112• PHONE: (801) 581-5269•FAX: (801)581-3632•EDITOR: JOAN M. GREGORY•INTERNET: JOANG@ECCLAB. MED.UTAH.EDU •LIBRARY SERVICES NEWS EDITOR: JEANNE M. Le BER• COPY EDITOR: JEFF SEAMAN

MC/SCUG

Medical Center / Small Computer Users Group

Wednesday, December 6, 1995
NOON

NetPharmacology:

Using the World Wide Web to Teach Pharmacology

Donald K. Blumenthal, Ph.D., Associate Professor, Pharmacology and Toxicology, College of Pharmacy

NetPharmacology (http://lysine.pharm.utah.edu/) is a network-accessible, multimedia/hypertext version of the handouts and learning aids used in teaching cardiovascular pharmacology to medical and pharmacology students. The present version includes lecture notes, prototype drug lists, 3-dimensional drug structures, annotated exam questions, and a glossary which are all hypertext-linked. Dr. Blumenthal will demonstrate *NetPharmacology*, will discuss how it was developed, and will share his plans for future development of this program.

Come with your questions, your lunch and your friends to the December MC/SCUG meeting, Wednesday, December 6, 1995 at NOON in Classroom C, School of Medicine Building.

ABOUT THE MEDICAL CENTER SMALL COMPUTER USERS GROUP

MC/SCUG is an informal group of computer users who enjoy keeping informed about the latest developments in computer applications of all types. Monthly presentations focus on current topics of interest. There is no membership fee. You are welcome whenever you are able to come. MC/SCUG meetings are held on the first Wednesday of the month (except during the Summer Quarter) in Classroom C, School of Medicine Building. If you would like more information about MC/SCUG or if you would like to suggest a topic for a MC/SCUG meeting, please contact Joan M. Gregory, Coordinator, MC/SCUG, Spencer S. Eccles Health Sciences Library, (801) 581-5269, INTERNET: joang@ecclab.med.utah.edu. If you are interested in receiving e-mail notification of future MC/SCUG meetings, send an e-mail message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe MCSCUG**

IN THIS ISSUE

MC/SCUG Meeting 1
Computer-Based Learning Discussion Group 2
Library Services News: New Videos, Finding Books, Library Hours 2-4
Library Services News: Online Catalog, FAX and Document Delivery 5-6
UUCC Update 6-7
HyperBrain Version 1.0 8
Outreach Services: *GM/LD* Search Strategy 9-11
Announcing CliniWeb 11-12
Access to Networked Databases 12-14
Internet Navigator Course 14-16
Internet Basics: Using *Netscape* for FTP 16-19
IAIMS Newsletter Deadline and Mailing List 19

COMPUTER-BASED LEARNING DISCUSSION GROUP

December Meeting Cancelled

The December meeting of the Computer-Based Learning Discussion Group has been cancelled. Regular meetings will resume in January.

If you are interested in computer-based learning (CBL), you are invited to join the Computer-Based Learning Discussion Group. The purpose of the group is to share information about developing and evaluating computer-based learning as well as curriculum integration issues. Depending upon the interests of the group, discussion may include, but not be limited to, some of the following topics: use of multimedia technologies, how to find suitable programs in various subject areas, how to get started in planning your own CBL program, authoring system and platform advantages/disadvantages, hints for effective information structuring and interface design, incorporating CBL programs into the curriculum, and methods of evaluating CBL.

For more information, contact Sharon E. Dennis at (801) 585-3928, or via electronic mail: sdennis@ecclab.med.utah.edu.

LIBRARY SERVICES NEWS

New Videos in Computer and Media Services

These videos may be checked out for a one-week period to University of Utah staff, faculty and students, or borrowed through interlibrary loan. They are available at Computer and Media Services on the lower level of the Spencer S. Eccles Health Sciences Library. For more information call Nancy Litz, (801) 581-8052.

VT3 83-80 Miracle of Life
A new 1/2 VHS copy of a famous NOVA program by Swedish photographer Lennard Nilsson on human reproduction. (60 minutes)

VT3 95-84 Pt. 1 Emporiatrics: Preventing and Treating Travel-Related Illness
After completing this telecourse you should be able to: describe the principles of the medical discipline known as emporiatrics; list the steps and goals of the pre-travel office visit; outline the special needs of pediatric travelers; list the major resources for obtaining current information on the treatment of travel illnesses. An NCME video. (30 minutes)

VT3 95-84 Pt. 2 Cutaneous Manifestations of Diabetes
Dr. Josef Jelinek, New York University Medical Center, discusses three cutaneous conditions that are virtually diagnostic of diabetes and describes other skin conditions which occur most commonly in the diabetic population. An NCME video. (10 minutes)

VT3 95-85 Stroke Rehabilitation: AHCPR Clinical Practice Guideline
The Agency for Health Care Policy and Research developed the guideline summarized in this program to assist primary care providers and rehabilitation specialists in the planning of care following the acute phase of treatment for stroke. The role of the patient's family is stressed. An NCME video. (60 minutes)

LIBRARY SERVICES

New Videos in Computer and Media Services

VT3 95-86 Alzheimer's Disease ... A Wilderness Explored
An update on what we know and what we speculate about this devastating disease. Patients and their family members present the human side, while leading clinicians and researchers detail their work on the etiology, with a specific concentration on the genetic link which may yield the key to prevention and/or management. An NCME video. (30 minutes)

VT3 95-87 Standards for Infection Control: An Update for Healthcare Workers
A detailed overview of how infections are spread and how healthcare workers can protect themselves and others. The program pays special attention to bloodborne infections such as hepatitis B and AIDS and the resurgence of Tuberculosis. A Medcom video. (45 minutes)

VT3 97-88 When Someone You Love Is a Cancer Survivor
Cancer survivors and their families give you a candid look at some of the changes they experienced and how they dealt with them. In addition, medical experts give an overview of the common effects cancer has on individuals, families, and friends. A Medcom video. (31 minutes)

VT3 95-89 Focus on Rheumatoid and Osteo Arthritis
CenterNet Teleconference. (90 minutes) 10/3/95

VT3 95-90 The Future of University Teaching Hospitals
CenterNet Teleconference. (90 minutes) 10/25/95

VT3 95-91 Bench to Bedside
CenterNet Teleconference, with Anthony J. Fauci, M.D., Ph.D., Director of the National Institute of Allergy and Infectious Diseases. (90 minutes) 11/8/95

VT3 95-92 The Universe Within: An Incredible Voyage into the Microworld of the Human Body
A recent NOVA program. Segments cover the coordination of muscles, bones, heart, and circulatory system; the amazing immune system as white blood cells combat a dangerous gangrene infection (with some wonderful computer animation); the body's digestive dynamo that turns a simple sandwich into raw energy; and the development of a new human life. (90 minutes)

VT3 95-93 Handmaidens
An incisive history of Nursing by Barbara Bird. (33 minutes)

VT3 95-94 UtahLink
Utah's educational connections via the Internet. (30 minutes)

LIBRARY SERVICES NEWS

Where Can I Find It?

by
Amy Mortensen,
Stacks Manager,
Spencer S. Eccles
Health Sciences
Library

"The book I need is not on the shelf. Where can I find it?" In my short time as the Stacks Manager at Eccles Library, I have been asked this question more than any other. There is nothing more frustrating than not being able to locate a journal or book in the library's collection. Usually the book is being used by someone else in the library, and will be back on the shelf later that day. Sometimes it is checked out, at the bindery, or being repaired. Occasionally, it has been lost, or was never returned by a borrower.

Whatever the case, you can save time and avoid nail-biting by requesting a Search at the Circulation desk. We will call you when the item is located and hold it for you for three days if it's a journal, or for five days if it's a book. You can also use the Horizon Online Catalog to do a little searching yourself. Check the Status window to see if an item is checked out, at the bindery, or in cataloging. You can request that at item be held for you when it is returned by clicking on the "Make Request" button, and entering your ID barcode number. This is the number on the back of your University of Utah ID card, it begins with the numbers 21114. Include your phone number in the comment box to ensure that we can contact you when the item is returned.

If you have questions about any circulation issue, I can be reached at the Circulation Desk, (801) 581-8772, or by e-mail: amortensen@ecclab.med.utah.edu.

LIBRARY SERVICES NEWS

Library Hours

EXTENDED HOURS

Wednesday, December 6, 1995	7:00 am - Midnight
Thursday, December 7, 1995	7:00 am - Midnight
Friday, December 8, 1995	7:00 am - 11:00 pm
Saturday, December 9, 1995	9:00 am - 11:00 pm
Sunday, December 10, 1995	11:00 am - Midnight
Monday, December 11 - Wednesday, December 13, 1995	7:00 am - Midnight
Thursday, December 14, 1995	7:00 am - 11:00 pm

CHRISTMAS BREAK

Friday, December 15, 1995	8:00 am - 5:00 pm
Saturday, December 16, 1995	9:00 am - 6:00 pm
Sunday, December 17, 1995	Closed
Monday, December 18 - Friday, December 22, 1995	8:00 am - 5:00 pm
Saturday, December 23, 1995	9:00 am - 6:00 pm
Sunday, December 24, 1995	Closed
Monday, December 25, 1995	Closed
Tuesday, December 26 - Friday, December 29, 1995	8:00 am - 5:00 pm
Saturday, December 30, 1995	9:00 am - 6:00 pm
Sunday, December 31, 1995	Closed
Monday, January 1, 1996	Closed

RESUME REGULAR HOURS

Tuesday, January 2, 1996	7:00 am - 11:00 pm

LIBRARY SERVICES NEWS

Windows, Macintosh, and Telnet Access To Eccles Library Online Catalog Now Available

The Horizon Online Catalog is a computerized index to library materials owned by the Spencer S. Eccles Health Sciences Library, the Hope Fox Eccles Clinical Library, and participating members of the Utah Health Sciences Library Consortium (UHSLC). It contains records of books, journal titles and holdings, audiovisuals, University of Utah Health Sciences theses, and government documents.

The Horizon software, a product of Ameritech Library Services, provides both text-based and graphical interfaces to the online catalog.

If you are a student at the University of Utah or are a member of the University of Utah faculty or staff and you are using Macintosh System 7 or Microsoft Windows (3.1 or Windows 95), graphical Horizon client software is available by contacting the Eccles Library Reference Desk, (801) 581-5534. Brochures on how to obtain, install and search the library's online catalog via the Macintosh and Windows graphical interfaces are available at the Reference Desk as well.

It is also possible to telnet to the Spencer S. Eccles Health Sciences Library Online Catalog:

telnet address:	library.med.utah.edu
login as:	guest

When you are prompted for a password, just press the ENTER key. Telnet provides a text-based interface to the online catalog.

If you are at the University of Utah and you are using IBM OS/2 (2.1 or WARP) or X-Windows on a SUN running SOLARIS, and are interested in using the graphical OS/2 or X-Windows clients, please contact Joan M. Gregory, (801) 581-5269, INTERNET: joang@ecclab.med.utah.edu to arrange to test the new Horizon client software for these operating systems.

LIBRARY SERVICES NEWS

FAX and Document Delivery Prices

NEW FAX PRICES - Effective January 1, 1996

In response to your requests, we have evaluated and lowered FAX prices at Eccles Library:

Document Delivery and personal FAX prices

$.20 per page to FAX anywhere in Utah
$1.00 per page to FAX outside the state of Utah, but within the continental U.S.
$2.00 per page to FAX to Hawaii, Alaska, and the rest of the world

Personal phone cards may be used to charge the long distance fees with only a $ .20 per page charge. Campus accounts may also be used for billing.

The cost to receive a FAX at Eccles Library will continue to be $ .50 per page.

The charge to receive an Interlibrary Loan FAX is the cost of obtaining the interlibrary loan plus $ 2.00.

LIBRARY SERVICES NEWS

FAX and Document Delivery Prices

DOCUMENT DELIVERY PRICES

Document Delivery service is for materials owned by Eccles Library.

Library pulls and copies material	$ .30 per page
Library pulls, copies and FAXes within Utah	$ .50 per page
Patron pulls material, library copies	$ .20 per page
Library pulls material	$ .50 per item
4 hour rush	additional $ 3.00 charge per article
Delivery to University Health Science Offices	no charge

An electronic document delivery request form is available from the Eccles Library home page (http://www-medlib.med.utah.edu/). Under the heading Library Services and Publications, select ILL Document Delivery and then select either the book or journal request form. If you have any questions, please contact Camille Salmond or John Barlow at (801) 581-5282.

UUCC UPDATE

Changes in u.cc.utah.edu login

In early November, the University of Utah Computer Center switched over to new computer equipment, a SUN SPARC 1000 "back end" server. The first time you log into u.cc.utah.edu following the switchover, you may be greeted with the following message. [NOTE: If you are using a dialing script and the script errors out, you may need to log in manually (one time only).]

```
************************************************************
UNIX(r) System V Release 4.0 (cor)

login:  your account
Password:
Password does not decrypt secret key for unix.6232@oz.cc.utah.edu.
Warning: USER environment variable could not be set.
************************************************************
```

Do not despair! This message is followed by a "Welcome to the new u.cc.utah.edu system" message:

```
************************************************************
-- Welcome to the new u.cc.utah.edu system --

  We believe this is your first login attempt since the switch
to the new system. The new u.cc.utah.edu consists of a new
Sun Sparc 1000 "back end" server for handling mail and storing and
serving your home directory. There are also a couple of "front end"
processor machines to which you will actually login. The particular
machine you attach to for login will be depend on the various
processor loads of each machine.

  All of the machines now run Sun's Solaris 2.X operating system and
the associated NIS+ authentication processes. In order to continue you
will need to set an NIS+ Secure RPC password. This will only need to be
done this one time. This will be done for you now, but you will need to
re-enter your password. Please do so below.

                              Thanks,
                              UUCC Systems Staff
************************************************************
```

UUCC UPDATE

Changes in u.cc.utah.edu login

Following the welcome message, there MAY be a rather long pause. BE PATIENT ... wait for the following prompt to appear. Then, re-enter your password as requested.

Please enter the login password for your account:

Once you have re-entered your password, you will be logged in and the system will respond:

OK done
Wed Nov 15 12:53:37 MST 1995
TERM = (vt100)

If you follow all these instructions and still encounter problems logging in, for instance, if you still get a message that looks like this:

```
**********************************************************
login: your account
Password:
Password does not decrypt secret key for unix.6232@oz.cc.utah.edu.
Last login: Fri Nov 17 11:03:14 from medlib.med.utah.
Warning: USER environment variable could not be set.
Fri Nov 17 11:04:47 MST 1995
TERM = (vt100)
**********************************************************
```

OR if you try to read your e-mail and you get a message that looks like this:

```
**********************************************************
Who are you? (Unable to look up login name)
**********************************************************
```

Then, CALL THE COMPUTER CENTER HELPLINE at (801) 585-HELP, as they will need to upgrade your account.

NOTE: The menu for University of Utah Internet Services has changed. Many of the letters have changed as well (e.g., choose 'm' for mail, rather than 'p' for pine mail). The new menu is reprinted here:

```
******************************************************

                University of Utah Internet Services

motd  -- Message of the Day              use  -- System Use-Policy

   w  -- World Wide Web (lynx)             c  -- UNIX Command Shell (csh)
   m  -- Electronic Mail (pine)            t  -- UNIX Command Shell (tcsh)
  ph  -- E-mail & Phone Directory (ph)     f  -- File Management [menu]
   n  -- Usenet News (tin)                 z  -- Download or Upload Files
   o  -- Other Internet Commands [menu]

   r  -- Run Application Software [menu]   x  -- Exit Menu

        Select choice [or help, x, top, bye]:

******************************************************
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The goal of this equipment replacement is to improve the delivery of computer services to University of Utah faculty, staff and students. If you encounter any problems in accessing or using your account, please contact the University of Utah Computer Center at (801) 585-HELP.

HYPERBRAIN VERSION 1.0

by
Michael A. Thelin,
Sr. Library
Specialist,
Spencer S. Eccles
Health Sciences
Library

HyperBrain 1.0 is a core resource for neuroscience education. Its purpose is to complement, supplement or substitute for a traditional neuroanatomy laboratory. It is not intended to replace an entire neuroanatomy course and it is assumed that the student either reads independently or has some background from lecture or personal interest. The program is very interactive and is linked to either the *Slice of Life VI* or *Slice of Brain I* videodisc of multi-disciplinary images.

The syllabus, written by O.E. Millhouse and S.S. Stensaas, is linked to over 700 images. Glossary terms are also linked to over 1400 illustrations. Each of 14 chapters is followed by a quiz with images and learning responses for correct and incorrect answers. Midterm and final "practical" exams are provided from a bank of images randomly presented with 150 questions. Pathway diagrams taken from Duane Haines' *Neuroanatomy Atlas* provide a substrate for animated quizzes linked to the videodisc and the atlas. An index of images of gross and microscopic neuroanatomy, neuropathology, neuroradiology as well as the 500 images from the *Bassett Stereoscopic Atlas* (in 2D or 3D) covering the head, neck, and spine is included permitting free text searching of the image index. All 100 of the digitized syllabus figures are labeled and each label is linked to the glossary. A core resource includes: atlas in three planes, animated reflex diagrams, and links to appropriate files on the *Interactive Brain Atlas CD-ROM*. The neurology section includes 38 short clinical cases.

HyperBrain 1.0 is designed to expand as new modules are developed. The program has been left unlocked so faculty familiar with *HyperCard* may make modifications. Links to launch other programs which you can acquire from the Slice of Life office or other sources are also built in. Examples are: *Interactive Brain Atlas CD-ROM*, *Lazy Eye (Neuro-ophthalmology)*, *The Ear*, *The Orbit*, *Cochlear Anatomy*, *Neuropathology Stack*, *Animated Embryo*, *EmbryoImages*, *Synapse: The Movie*, *NeuroNames*, *Cerebral Ventricles*, *It's Your Head*, and *NeuroLogic Atlas*.

Experience and evaluation have shown that students who systematically go through the entire program prefer having a paper copy to read and annotate for review prior to exams. To this end, the syllabus is provided with barcode list and permission to print and/or duplicate more copies.

The use of *Slice of Brain I* with the program has several additional advantages over the previous version with the *Slice of Life VI* videodisc. Both discs share the same still images. *Slice of Brain's* rotating 3-dimensional reconstructions of brain structures are spectacular, having come from the *Digital Anatomist* videodisc. Over 150 full-screen videoclips of patients' neurological signs and symptoms add tremendous clinical relevance. An added bonus is a 20 minute normal neurological exam on side 2 plus the Bassett collection in stereoscopic pairs. These can be viewed with 3-D Nintendo goggles. Links to the *Interactive Brain Atlas CD-ROM* are automatic (if the CD is inserted). This provides an additional 75 brain animations and 255 still images.

HyperBrain 1.0 can be used with any Macintosh LC, Quadra, PowerPC or Powerbook (8 MB RAM) and a cable to a standard NTSC videodisc player and NTSC television monitor (you must supply your own cable). The Voyager

HYPERBRAIN VERSION 1.0

videodisc drivers for all standard videodisc players are included with the program. The application comes with a copy of the syllabus for *HyperBrain 1.0* for use with either *Slice of Life VI* or *Slice of Brain I*. There are no plans to convert the program to Windows. The software is network compatible. The syllabus, quizzes, and glossary have been translated into Spanish (*El Cerebro ElectrÛnico* can be ordered from the Slice of Life office).

OUTREACH SERVICES

Grateful Med/ Loansome Doc Search Strategy

by Kathleen M. McCloskey, Associate Librarian, Outreach Services, Spencer S. Eccles Health Sciences Library

Beginning searchers will frequently start typing words without regard for the relationship between the words or for their meaning. These searchers may have some success, but may also become frustrated when the resulting citations don't reflect the topic they had intended. By planning a search, one can avoid a true "Garbage In / Garbage Out" retrieval.

ALWAYS USE MeSH HEADINGS - WHEN AVAILABLE

MeSH headings retrieve the most specific citations because they are assigned by an indexer at the National Library of Medicine who has read the article. Not using MeSH headings may retrieve citations where "a word appears" in the record as opposed to a "concept being represented". Look at, for instance, "end-stage renal disease". If these words are input in this order, citations will be retrieved, but instead of actually being about "end stage renal disease" the abstract or title might say "we noticed no end stage renal disease". The trick is to look at the MeSH headings attached to the records, here you'll see the phrase "Kidney Failure, Chronic". Many more citations, with more relevance, will be retrieved using the MeSH heading. Often it is appropriate to do a "quick and dirty" search using the keywords in the title and to analyze the MeSH headings of the relevant citations.

IDENTIFYING THE CONCEPT

The most difficult part of a bibliographic database search may be defining precisely what the topic of the search is. It is important to think about the topic and divide the search into concepts. The Input Form in *Grateful Med* forces the searcher into a Boolean format by only allowing words or MeSH headings to be "OR'd" together on a line and then inserts automatically the "AND" operator between the subject lines.

In searching, for instance, for articles on skateboarding injuries in children, you could brainstorm and come up with the following grouping of terms:

Concept #1: skateboarding or rollerblading or in-line skating or roller skating

Concept #2: injuries or fractures

Concept #3: children or adolescents (Pediatrics is not appropriate here because it refers to the specialty. It would retrieve articles about "Pediatricians injured while skateboarding")

OUTREACH SERVICES

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ENTERING YOUR SEARCH IN *GRATEFUL MED*

When entering your search in the *Grateful Med* Input Form remember a few key options you have: 1) The "explode" feature, available with terms that are followed by a plus (+), is unique to MEDLINE and other National Library of Medicine Databases, except for the Cumulative Index to Nursing and Allied Health (CINAHL) database. This capability allows one to search an entire category of the MeSH hierarchy without having to type in each narrower subject heading, such as SPORTS or CARDIOVASCULAR DISEASES. Some categories are so large that they are grouped together automatically into a category called a "pre-explosion" and are identified as (PX) when "pasted" into the *Grateful Med* Input Form. MeSH headings are identified in this way as (MH). 2) The ability to identify your concept as the "main focus of the article," when you type in an asterisk (*) before selecting the term, restricts the number of articles you will retrieve, but it makes your retrieval more specific.

The first concept entered on the lines of the *Grateful Med* Input Form is that of "skateboarding". The *Grateful Med* list of MeSH headings refers you from skateboarding to the term SKATING which appears under the broader category of SPORTS +. The broader category might be useful if you wanted to consider "sports-related injuries" to children.

The "injuries" concept is expressed with the MeSH heading WOUNDS & INJURIES + as well as with the subheading INJURIES. Note that the hierarchy includes everything from cracked teeth to traumatic amputations.

The age-group term that restricts the citations to articles about "children" is "explodable". The explode capability, adding a plus (+) before "child" in the MeSH listing in *Grateful Med*, allows you to search on the age groups from birth to 18 years old using one term.

TOO MUCH AND TOO LITTLE

Every searcher at one time or another encounters the problem of too many citations or too few. Learning to plan for these problems will save some time. Often it's just knowing the available options.

Too little. The problem may be that the search strategy you've used is too narrow. We often "complicate" the issue by restricting the topic too much. Adding additional synonyms or related terms to describe a concept, or exploding a term, will increase the available pool of citations by broadening the search. Also, reducing the number of concepts you are using may provide information that is valuable while not addressing your "specific topic". For instance, suppose you are looking for articles from JAMA in 1995 on the prevention of diabetes in twins living in Tooele. Are articles from JAMA the only ones that are acceptable? Is the fact that they live in Tooele or are twins really crucial to the issue? Be flexible and willing to adapt your search to the stated topic.

Too much. Restricting is actually fairly straight forward. You may choose more specific terms instead of exploding them; limit the language to English; limit to a review article; identify one or more of the MeSH headings as the main focus of

OUTREACH SERVICES

Grateful Med/ Loansome Doc SEARCH STRATEGY

by Kathleen M. McCloskey, Associate Librarian, Outreach Services, Spencer S. Eccles Health Sciences Library

the article; specify a particular age group; or restrict to human by selecting HUMAN as a MeSH heading.

SKATEBOARD INJURIES IN CHILDREN

When I entered the search into *Grateful Med*, this was the resulting format. Take a look at it and see where you might expand the retrieval and where you might narrow the retrieval.

SUBJECT WORDS	*Skating (MH)
and	
2ND SUBJECT	Injuries (SH) or all *Wounds a#d Injuries (PX)
and	
3RD SUBJECT	Child (PX)
and	
4TH SUBJECT	Human (MH)
ENGLISH ONLY	English Only.
PUBL TYPE	Review (PT)
JOURNAL ABBREV	JAMA

ANNOUNCING CliniWeb

CliniWeb is a project underway at Oregon Health Sciences University designed to provide a table of contents and index to clinical medical information on the Web, allowing browsing and searching respectively. Access to information is provided by:

Topic

All clinical Web pages (that the project is aware of) have been indexed by a subset of the Medical Subject Headings (MeSH) vocabulary from the National Library of Medicine. Terms for searching can be accessed by:

- Searching, using the SAPHIRE term look-up system
- Browsing, through the MeSH hierarchy

Site

Web sites with clinical information have been organized by their institutional type.

According to the CliniWeb Home Page, "its database contains 2,500 URLs of clinical content, indexed by terms from the Medical Subject Headings (MeSH) disease tree, which can be accessed by searching or browsing. The URLs in CliniWeb are deliberately limited to clinical information at the level of health sciences students, educators, or practitioners. It does not contain information about professional societies, health science universities, or other non-clinical entities. While this information is important to many, the aim of CliniWeb is to provide the ability to navigate around such information and get directly to clinical information."

ANNOUNCING CliniWeb

Other Clinical Information at OHSU includes:

Intern's manual - The pocket manual for interns in the Department of Medicine at OHSU

Dr. Deloughery's Famous Handouts - Handouts on a variety of internal medicine topics from OHSU

ACP Infobase - Limited to clients within the OHSU network, a Web version of the information products of the American College of Physicians, including the MKSAP, Journal Club, Practice Guidelines, and State of Oregon Disability Guidelines.

Use **SAPHIRE** to explore the entire **UMLS Metathesaurus**

The developers of CliniWeb are interested in feedback on how to improve CliniWeb. Take a look at their site and be sure to give them feedback, by using the feedback page built into the CliniWeb system.

CliniWeb can be accessed at the URL: **http://www.ohsu.edu/cliniweb/**

ACCESS TO NETWORKED DATABASES

by
Jeanne M. Le Ber,
Affiliate Librarian,
Spencer S. Eccles Health Sciences Library

and

Mary E. Youngkin,
Associate Librarian,
Information Services,
Spencer S. Eccles Health Sciences Library

ACCESS TO CD-ROM DATABASES ON THE NOVELL NETWORK

The Spencer S. Eccles Health Sciences Library CD-ROM Novell network offers a number of computerized indexes to the journal literature. Databases available on the Eccles Library CD-ROM network include AIDSLINE, Bioethicsline, CINAHL (Cumulative Index to Nursing and Allied Health Literature), HealthPLAN, MEDLINE, Sport Discus, and TOXLINE.

Marriott Library CD-ROM databases accessible over the campus Novell network include BIOSIS, Chemical Abstracts, ERIC, PsycLIT, SOCIOFILE and other databases listed in the "Information Systems Handbook."

ACCESS TO MEDLINE

SilverPlatter MEDLINE is available on DOS, Windows and Macintosh platforms. The Windows and Macintosh platforms access MEDLINE only, while the DOS version accesses MEDLINE and other databases.

The Novell Network is accessible only to University of Utah faculty, staff and students on campus. Modem or dial-in access to SilverPlatter MEDLINE is not possible.

Another version of MEDLINE is available through Marriott Library's Infogate using FirstSearch. FirstSearch is available to individuals who have accounts with the University of Utah Computer Center and is therefore accessible from off-campus. Telnet to infogate.lib.utah.edu, select FirstSearch, then All Databases, then MEDLINE. The Eccles Library is working with the University community and the state of Utah to offer statewide access to MEDLINE in the near future.

ACCESS T O NETWORKED DATABASES

by
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and

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Associate Librarian,
Information Services,
Spencer S. Eccles Health Sciences Library

DOS ACCESS, SILVERPLATTER PC-SPIRS
To access SilverPlatter CD-ROM databases from a PC on the University of Utah Novell network, at your DOS prompt, type:

ecclescd

Ecclescd is a batch file your system administrator needs to load on your network. If your system administrator has any questions about this batch file call (801) 581-3691.

If the ecclescd method does not work, an alternative method for access to SilverPlatter CD-ROM databases on the University of Utah Novell network is, at your DOS prompt, to type:

login edu-utah-med-ecclab/guest

WINDOWS ACCESS, SILVERPLATTER WinSPIRS
To access SilverPlatter MEDLINE from Windows on the University of Utah Novell network, at your DOS prompt, type:

ecclescd

From the MEDLINE Version Menu select:

W) WINSPIRS MEDLINE Express

The ecclescd command does not work from a Windows Shell. YOU MUST BE AT THE DOS PROMPT.

MAC ACCESS, SILVERPLATTER MacSPIRS
Macintosh users can access MEDLINE over the AppleShare Network with the MacSPIRS software. MacSPIRS can be downloaded from the network to your personal computer.

To obtain and install the Mac client:

- Go to the **Chooser** and select **AppleShare**
- Select the **Eccles Lib** zone and the **EDU-UTAH-MED-ECCLAB** file server
- Login as **guest**, there is NO password, choose **OK**
- Select **APPS**
- Double click on the **APPS** icon, which now appears on your desktop
- Double click on the **Mac folder**
- Double click on **MacSPIRS Install**
- Double click on **Installer**
- Select **Full Installation**
- Select where you want the file to go on your computer: eg: DESKTOP
- Click on **SAVE**
- Select **"STANDALONE only"**
- Choose **OK** as your answer to the remaining default questions.

ACCESS T O NETWORKED DATABASES

by
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and

Mary E. Youngkin,
Associate Librarian,
Information Services,
Spencer S. Eccles Health Sciences Library

Once the MacSPIRS client has been loaded on your Mac, you are ready to search MEDLINE:

- Go to the **Chooser**
- Select **AppleShare**
- Select **Eccles Lib** zone
- Select **EDU-UTAH-MED-ECCLAB**
- Choose **OK**
- Login as **guest**, there is NO password
- Choose **OK**
- Hold down the **shift** key and click on **MEDX01**, **MEDX02** and **MEDX03** (They should appear on your desktop.)
- Choose **OK**
- Close the **Chooser**
- Double click on the colored **MacSPIRS icon**
- Click on the files you wish to load

Please, do not select the MEDLINE volumes MEDX01, MEDX02, MEDX03 to be automatically loaded at startup by checking the box to the right of the volume name. Our network license limits us to a specified number of simultaneous users. Each guest login constitutes a user. Please wait until you are ready to search MEDLINE to load the volumes, and then place the volumes in the trash when you are finished. A guest session disconnects two hours after the initial login.

For assistance with networked access options to MEDLINE and other databases call or e-mail: Reference staff at (801) 581-5534, reference@ecclab.med.utah.edu or Systems staff at (801) 581-3691, systems@ecclab.med.utah.edu

INTERNET NAVIGATOR COURSE

Utah's first online, multi-institutional Internet course

by
Nancy T. Lombardo,
Affiliate Librarian,
Spencer S. Eccles Health Sciences Library

INTERNET NAVIGATOR GOALS

The Internet Navigator course, funded by a Higher Education Technology Initiative grant, is sponsored by the Spencer S. Eccles Health Sciences Library and the Utah Academic Library Consortium (UALC). These libraries realize the importance of information technology and the increasing reliance on electronic media for information searching, retrieval and delivery. By providing this on-demand Internet skills course, we wish to empower the students in Utah. It is intended that this course use the most current Internet technologies to teach students to navigate the Internet effectively and access essential information resources. These skills will be valuable not only for formal education, but as life-long learning skills that will allow success as information technology evolves.

The specific goals to be achieved by this project are:

1) Implement an on-demand Internet course taking advantage of the newest Internet technologies.
2) Train students to use Internet tools and equip students with the skills required to succeed in the electronic information environment.
3) Initiate a collaborative interactive learning environment that eliminates time, distance and location barriers.
4) Establish a cooperative environment through which Utah Academic Institutions can create a shared learning environment for all Utah students.

INTERNET NAVIGATOR COURSE

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INTERNET NAVIGATOR COURSE MODULES
Internet Navigator students will complete a set of modules. The modules will cover:

1 - Introduction to the Internet
Module 1 will introduce the student to basic Internet concepts.

2 - Communicating over the Internet
The Internet is a powerful tool for communication. A variety of electronic communication tools are examined.

3 - Information Systems
Internet information can be provided in many ways. This module explains the various information systems and allows the student to examine a wide variety of electronic resources and collect those of interest.

4 - Resource Discovery
There are many ways to locate resources on the Internet. This module examines some of the tools available to help the student search for information on specific topics.

5 - Providing Information on the World Wide Web
The most popular way to provide information on the Internet is via a World Wide Web Home Page. This module will teach the student the basics of creating a home page.

If you are interested in taking this one-credit course, contact the Internet Navigator Preceptor at your institution:

Brigham Young University
Julene Butler
Julene_Butler@byu.edu
801-378-2813

College of Eastern Utah
Sherill Shaw
sshaw@ac.ceu.edu
801-637-2120 x5278

Dixie College
David Zielke
zielke_d@lib.dixie.edu
801-673-4811 x494

Salt Lake Community College
Janet Hovorka
hovorkja@slcc.edu
801-957-4610

Snow College
Mel Jacobson
melj@cc.snow.edu
801-283-4021 x324

Southern Utah University
Phil Dillard
dillard@suu.edu
801-586-1991

University of Utah
Spencer S. Eccles Health Sciences Library
Nancy Lombardo
nlombardo@ecclab.med.utah.edu
801-581-5241

University of Utah
Marriott Library
Kenning Arlitsch
karlitsc@alexandria.lib.utah.edu
801-585-3721

INTERNET NAVIGATOR COURSE

Utah's first online, multi-institutional Internet course

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INTERNET BASICS

Using *Netscape* for File Transfer Protocol (FTP)

by
Joan M. Gregory,
Associate Librarian,
Technical Services,
Spencer S. Eccles Health Sciences Library

University of Utah
Law Library
Marsha Thomas
marsha.thomas@law.utah.edu
801-581-6438

Utah State University
Deleyne Wentz
delwen@cc.usu.edu
801-797-1479

Utah Valley State College
Mike Freeman
freemami@uvsc.edu
801-222-8751

Weber State University
Carol Hansen
chansen@weber.edu
801-626-6071

Westminster College
Tania Stastny
t-stastn@wcslc.edu
801-488-4279

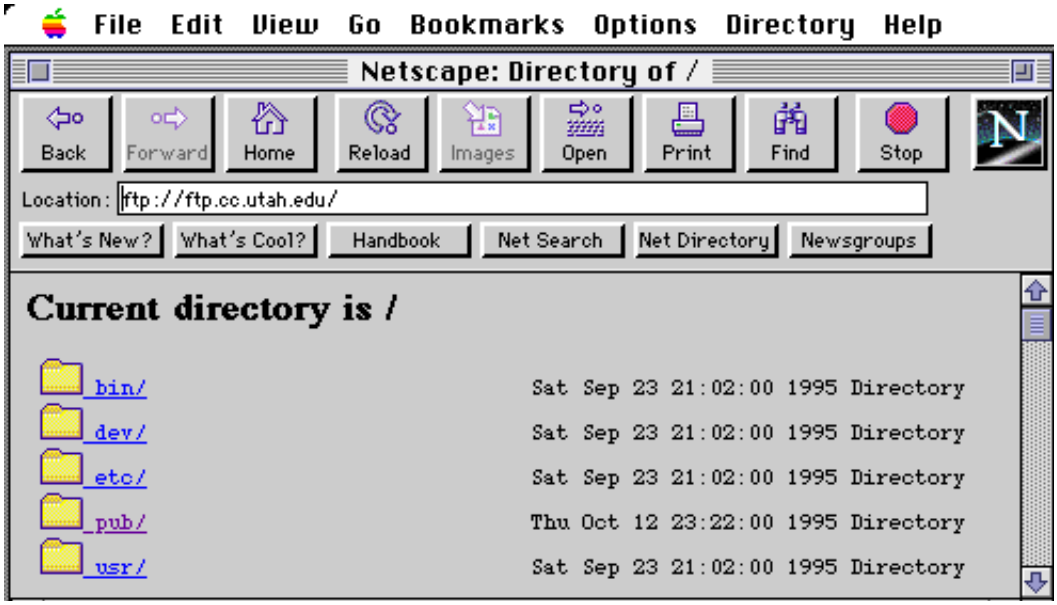
Funded by a HETI Grant. For further information, contact: Nancy T. Lombardo, Spencer S. Eccles Health Sciences Library, University of Utah, (801) 581-5241, INTERNET:nlombardo@ecclab.med.utah.edu, http://www-medlib.med.utah.edu/navigator/navigator.html

WHAT IS FTP?

File Transfer Protocol (FTP) is the protocol that allows you to move files from one computer to another on the Internet. With "Anonymous FTP" you can access large repositories of documents, software applications, and graphics stored on thousands of public FTP computers and download them to your personal computer or account. These files are mostly public domain (free) and Shareware (small fee).

USING *NETSCAPE* FOR ANONYMOUS FTP

To access any FTP site through *Netscape*, just type ftp:// followed by the site's FTP address into the **Location:** box at the top of the *Netscape* screen. Remember to precede the site name with ftp:// (just as you would precede a Web address with http://). For example, to go to the top level of the University of Utah ftp server, use the URL: ftp://ftp.cc.utah.edu/



Using *Netscape* for File Transfer Protocol (FTP)

by
Joan M. Gregory,
Associate Librarian,
Technical Services,
Spencer S. Eccles
Health Sciences
Library

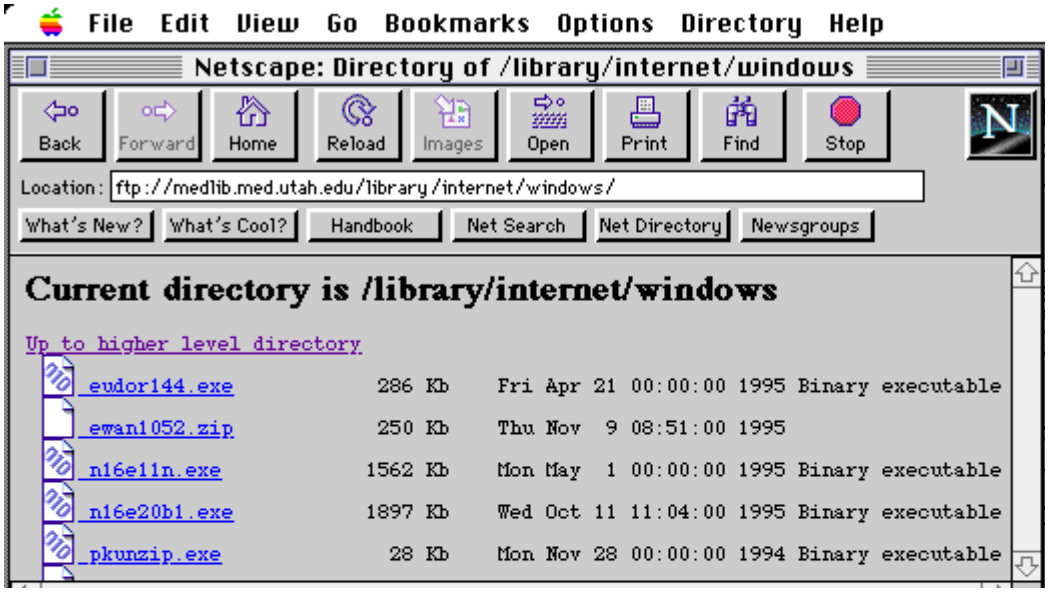
Accessing the subdirectories is as easy as pointing and clicking on the subdirectory. To access the /pub subdirectory, just point and click on the pub/ folder. Within the pub/ folder, point and click on the mac/ or pc/ folders to access the mac or pc subdirectories.

It is possible to access the subdirectory directly by typing the path to the directory or file in the **Location:** box at the top of the *Netscape* screen**.** To go to the /pub/mac or the /pub/pc subdirectories, use the URLs: ftp://ftp.cc.utah.edu/pub/mac or ftp://ftp.cc.utah.edu/pub/pc

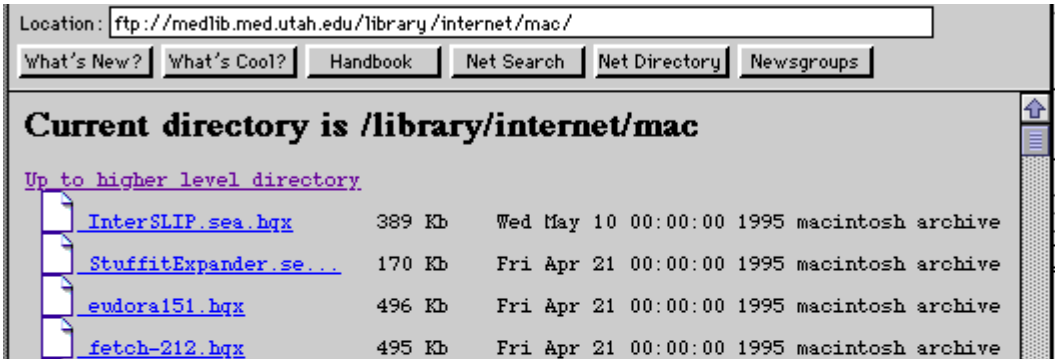
You may need to dig deep down into the subdirectories of an FTP site to find the software you wish to access. Be persistent. Once you reach the subdirectory which contains the software you need, you will want to download it to your desktop.

DOWNLOADING SOFTWARE

To download a particular file or program, choose the file or program from the list of items available at the ftp site. For example, if you are interested in obtaining a copy of *PKUNZIP*, a program which decompresses zipped DOS or Windows programs, you would ftp to an archive where *PKUNZIP* is stored (e.g., medlib.med.utah.edu), move through the subdirectories until you find pkunzip.exe, then double click on the filename to begin the download.



As another example, if you are interested in obtaining a copy of *Stuffit Expander*, a program which decompresses compressed Macintosh programs, you would ftp to an archive where *Stuffit Expander* is stored (e.g., medlib.med.utah.edu), move through the subdirectories until you find StuffitExpander.sea.hqx, then double click on the filename to begin the download.



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WHERE DID IT GO?

Netscape 1.1N comes with default settings for storing downloads. If you wish, you may accept the default settings. However, the *Netscape* default directory may NOT be where YOU want your downloads to go.

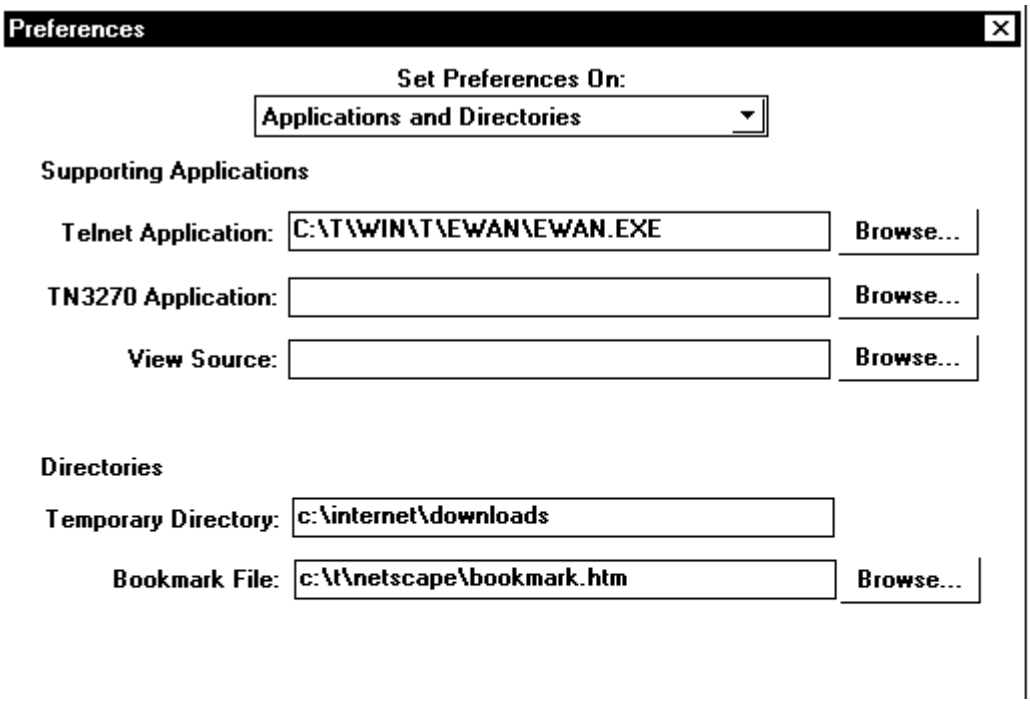
The directory for downloads is called the Temporary Directory. For the Macintosh version of Netscape, the default Temporary Directory is your SYSTEM FOLDER. For the Windows version of *Netscape*, the default Temporary Directory is c:\temp. However, when you are downloading software (i.e., for a filename with the extension ".exe"), the Windows version of *Netscape* will ask you the following question each time you start a program download: How would you like to handle this file? Save to Disk, Cancel Transfer or Configure a Viewer. To save the program to your hard drive, choose SAVE TO DISK and identify the subdirectory on your hard drive where you want the program to be stored (e.g., c:\internet\software).

CONFIGURING *NETSCAPE* FOR FTP

If the word "configuring" scares you, you are not alone. Rest assured, configuring *Netscape 1.1N* for FTP is VERY EASY. All you need to do is to let *Netscape* know where it should put the software you are downloading. NOTE: For those of you using *Netscape* 2.0 Beta, no configuring is required.

To set up a **different** Temporary Directory, choose: OPTIONS from the main *Netscape* menubar, then choose: PREFERENCES. Within PREFERENCES, choose APPLICATIONS AND DIRECTORIES by clicking on the down arrow and choosing APPLICATIONS AND DIRECTORIES from among the items in the pulldown menu.

For the Windows version, in the box labeled: TEMPORARY DIRECTORY: type the path for the directory where you want your downloads to be placed (e.g., c:\internet\downloads).



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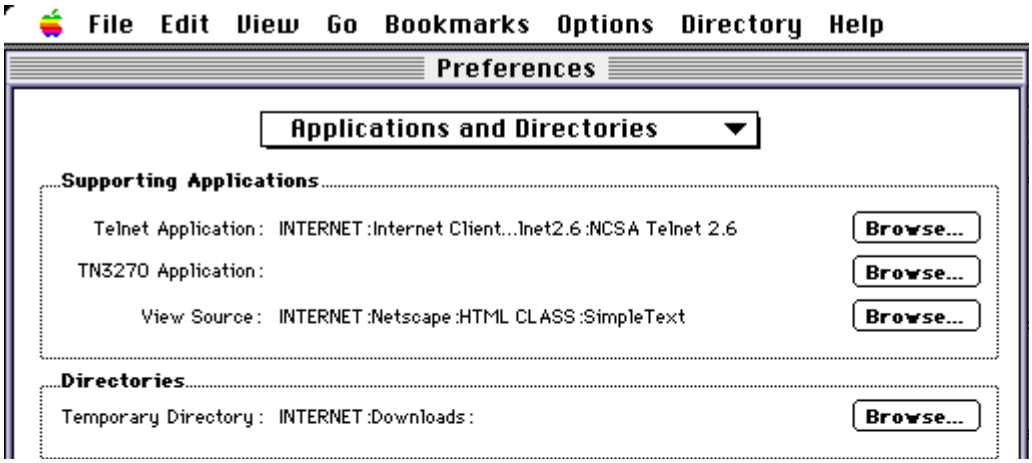
Library

For the Macintosh version, use the BROWSE button to locate the folder where your downloads should be placed (e.g., INTERNET:Downloads).



Once you have designated your Temporary Directory, go back to the *Netscap*e menubar, choose: OPTIONS and then choose SAVE OPTIONS to make your changes permanent.

If you have questions about using *Netscape* for FTP, please contact: Joan M. Gregory, (801) 581-5269, INTERNET: joang@ecclab.med.utah.edu.

IAIMS NEWSLETTER

Deadline and Mailing List

The purpose of the *IAIMS Newsletter* is to keep the campus community informed on all aspects of computer and information technology as well as on the services provided by the Spencer S. Eccles Health Sciences Library. Articles on computer and information technology events, applications, services, education, etc. are welcome. To contribute articles to the *IAIMS Newsletter*, contact Joan M. Gregory at the address indicated below. **The deadline for the January 1996 issue of the *IAIMS Newsletter* is: December 15, 1995.**

To be added to the electronic distribution list for the *IAIMS Newsletter*, send an e-mail message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe IAIMS** To be added to the **printed** newsletter mailing list, send the following information to: Joan M. Gregory, Editor, *IAIMS Newsletter*, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. VOICE: (801)581-5269. FAX: (801)581-3632. INTERNET: joang@ecclab.med.utah.edu.

***IAIMS NEWSLETTER* MAILING LIST**

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IAIMS NEWSLETTER

A quarterly publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Summer 1998 *Volume 13 Number 4*

Unbound Journal Usage Study

Academic libraries are caught between a rock and a hard place when it comes to journal subscriptions. Over the last ten years the price of journal subscriptions has risen steadily above the rate of inflation. In fact, the Association of Research Libraries estimates that its 121 member libraries spent 124% more on journals in 1996 than in 1986, and that they were getting 7% fewer titles for their money. Scholarly journals tend to have a small readership, yet they are an essential means of communication between researchers; libraries purchase journal titles in response to researcher needs. If a library cancels a journal subscription they cannot afford, publishers raise the price of the subscription to those institutions that continue to subscribe.

The Spencer S. Eccles Health Sciences Library has a budget of over $700,000 for journal subscriptions and has been facing the effects of double digit inflation for years. More money buys less. In early April, library staff decided to conduct a study of journal usage for titles that cost more than $2,000, or for titles that have significantly increased in price over the last five years. The inflation rate per title varies from 4% to 31%. The 48 journal titles chosen for the study have been marked with red dots. As the unbound issues of these journals are picked up and returned to the circulation area, they are scanned into the computer to count use. A calculation is made to determine price per use based on this count and the cost of the journal subscription.

As an example of price per use, *Mutation Research* is a $7,622 subscription. Bound issues of this title have circulated 9 times, making the price per use $846.89 (cost divided by use). In contrast, *Biochemistry* is a $2,020 subscription and has circulated 295 times, making price per use $6.85.

The unbound journal usage study will continue at least through June 1998. At the end of the study period, price per use will be calculated for these 48 titles and then staff will make a determination about cancelling specific journal titles in consultation with library users. Journal usage studies will become increasingly routine as the Eccles Library works to meet the needs of our users and stay within the allotted journal budget.

Some facts:

- The three most expensive journals Eccles Library subscribes to are the following titles: *Brain Research* at $15,428; *Journal of Comparative Neurology* at $11,595; and *Journal of Chromatography* at $9,862.
- Twenty-five of the titles in the study are published by Elsevier, followed by Springer (8), Wiley (6) and Academic Press (6).
- The five journals with the highest inflation rate are Elsevier journals and include: *Social Science and Medicine* (31%), *Journal of Neuroscience Methods* (29%), *Journal of the Autonomic Nervous System* (28%), *Toxicology* (27%) and *Toxicology Letters* (27%).

Check It Out! U of U Web Sites

Detailed semester calendars through the year 2000 are available at **http://www.acs.utah.edu/semester/calendar.html**

University of Utah Student Affairs World Wide Web System, provides class schedules, general catalog, admissions forms, your records and more—**http://www.acs.utah.edu/student/**

The Semester Conversion page is still under construction but keep checking—**http://www.acs.utah.edu/semester/**

In This Issue

Unbound Journal Usage Study 1
Check It Out! U of U Web Sites 1
Library Workshops and Classes 2
Knowledge Weavers Update 2
Eccles Library Staff Changes 2
Highlighting Quality Information-Internet Journal Clubs 3
Did You Know That ... *and* InfoFair '98 Summary 4
Introducing ... Jeff Weiler *and* Academic Universe 5
Off-Campus Access to Library Web-based Resources . 5
Electronic Services Survey Results and PubMed 6
Wayne Peay Delivers Janet Doe Lecture at MLA 7
Suzanne Stensaas at the Eccles Library 7
IAIMS Newsletter Deadline and Mailing Lists 7
Summer Quarter Library Hours & Phone Numbers 8

Library Workshops and Classes

Classes with a fee (indicated by an asterisk) require pre-payment.

Tours and Orientations
To schedule call 801-581-5534

Introduction to CD-ROM Databases
Contact instructors to arrange a date and time; Patricia Arter, 801-581-5534 or email at parter@lib.med.utah.edu or Mary McFarland, 801-581-5534 or email at marym@lib.med.utah.edu

Introduction to PubMed PC Lab
Monday, August 3, 1998 3:00 P.M.– 4:00 P.M.

***Advanced SilverPlatter MEDLINE** PC Lab
Contact instructor to arrange a date and time; Mary Youngkin, 801-581-5534 or email at maryy@lib.med.utah.edu

***Finding Information on the Internet** PC Lab
Contact instructor to arrange a date and time; Nina Dougherty, 801-581-8771 or email at nina.dougherty@m.cc.utah.edu

***Introduction to HTML** PC Lab
Wednesday, July 1, 1998 9:00 A.M.–Noon

***Advanced HTML** PC Lab
Wednesday, July 8, 1998 9:00 A.M.–Noon.

***Introduction to HTML Style Sheets** PC Lab
Contact instructor to arrange a date and time; Sharon Dennis, 801-585-3928 or email at sdennis@lib.med.utah.edu

***Introduction to HTML Forms** PC Lab
Contact instructor to arrange a date and time; Sharon Dennis, 801-585-3928 or email at sdennis@lib.med.utah.edu

Presentations Using *PowerPoint PC Lab
Monday, July 13, 1998 2:00 P.M–4:00 P.M.

Bibliographic Management

Reference Manager for Windows PC Lab
Friday, July 31, 1998 2:00 P.M–4:00 P.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. For more information, class descriptions, instructor phone number, email address, and registration form, see the Eccles Library Web page at **http://medlib.med.utah.edu/education/workshop.html**—or, please call 801-581-5534.

Knowledge Weavers Update

by Sharon Dennis, Associate Librarian
Spencer S. Eccles Health Sciences Library

The Spencer S. Eccles Health Sciences Library Multimedia Catalog now includes over 1,900 images and illustrations in dermatology, neuroanatomy, neurology, obstetrics/gynecology, biochemistry, and cardiology. The Multimedia Catalog is searchable by keyword, subject heading, author, or title. Images or illustrations in the multimedia catalog may be downloaded and used for educational purposes. The Multimedia Catalog may be found at: **http://medlib.med.utah.edu/webpac-bin/wgbroker?new+-access+top.kw**

If you have an image collection that you would like indexed in the Multimedia Catalog, please contact Sharon Dennis at sdennis@lib.med.utah.edu.

Valeri Craigle, Multimedia Graphics Artist, has completed an animation showing a representation of parasympathic pathways in the pupillary light reflex. The animation requires the Flash 3 plug-in, available from Macromedia's site at **http://www.macromedia.com/software/flash/**. The Flash 3 plug-in is available free of charge. After installing the Flash 3 plug-in, view the animation at **http://medlib.med.utah.edu/kw/hyperbrain/anim/reflex.html**

Suzanne Stensaas, Ph.D., Clinical Professor of Neurobiology and Anatomy, and Susan Roberts, Project Manager, are working on a Web-based brain atlas. The Brain Atlas has two sections: AFIP Brain, Coronal Sections and Brain Stem and Spinal Cord, Cross-Sections. The AFIP Brain Atlas is completed; the Spinal Cord Atlas is currently under development. Feedback would be welcome. The atlas can be found at **http://medlib.med.utah.edu/kw/brain_atlas/**

For more information about the Knowledge Weavers project, see the Knowledge Weavers Web site at **http://medlib.med.utah.edu/kw/**, or contact Sharon Dennis at 801-585-3928 or email at sdennis@lib.med.utah.edu.

Eccles Library Personnel Changes

Patricia Arter, former Hope Fox Eccles Clinical Librarian, has been appointed to the position of Reference Librarian at the Spencer S. Eccles Health Sciences Library.

Jeanne Le Ber, former Assistant Librarian in Reference Services, has been appointed to the newly created position of Education Librarian.

Nancy Lombardo, has been promoted to Assistant Librarian with the title of Systems Librarian.

Highlighting Quality Information—Internet Journal Clubs

by Nancy Lombardo, Assistant Librarian, Spencer S. Eccles Health Sciences Library

The Internet is playing an important role in providing new ways for physicians to find relevant, filtered information quickly and conveniently. One trend has been the development of **Medical Journal Clubs** which sift through the current literature and identify those articles of highest quality and those that are perceived to be of greatest value to practitioners. These articles are summarized and evaluated in the journal clubs, providing an excellent tool that allows the busy physician to go directly to quality information. Some of the prominent Internet Journal Clubs are listed below with brief descriptions of their content.

ACP Journal Club (American College of Physicians)
http://www.acponline.org/journals/acpjc/jcmenu.htm
Published six times a year, ACP Journal Club summaries and expert commentaries provide useful information on internal medicine topics. More than 35 leading medical journals are reviewed. Articles that meet explicit standards for high scientific merit for clinical practice are chosen. Each abstract carries a follow-up commentary by a clinical expert to provide context, limitations, and clinical applications. The purpose is to select articles reporting studies and reviews that warrant immediate attention by physicians. The reviews are updated bimonthly and cover 1996 to the present. Reviews include: citation, objective, data sources, study selection, data extraction, results, conclusion and commentary. (Selected entries online for free.) $59.00/year

Journal Club on the Web
http://www.journalclub.org/
This Web site is an interactive medical journal club. Every two weeks Michael Jacobson, MD, MPH, FACP summarizes and comments on an article from the recent medical literature. Feedback from readers is appended to the article summaries. The articles are primarily in the field of adult internal medicine and mainly from the *New England Journal of Medicine, Annals of Internal Medicine, JAMA* and the *Lancet*. It is updated every two weeks. Each review includes: citation, background, methods, results, author's discussion, reviewer's comments, references (links to PubMed, finds related articles!) and reader comments.
FREE

PedsCCM Evidence-Based Journal Club
http://pedsccm.wustl.edu/EBJournal_Club.html
The PedsCCM Evidence-Based Journal Club offers regular publication of critical reviews of clinical trials pertinent to the practice of pediatric critical care. The goals of this publication are to bring to the attention of the pediatric critical care community important and timely publications of clinical trials, to provide critical analyses of such trials in a systematic fashion and to encourage this evidence-based approach to the medical literature and to the care of patients. Each Review includes article citation and abstract, description of what is being studied, analysis of the results, and commentary. FREE

POEMs: Patient Oriented Evidence that Matters
http://jfp.msu.edu/jclub/jclub.htm
POEMs is designed to support the evidence-based practice of medicine. Each month, over 80 journals are reviewed to identify the eight articles with patient-oriented outcomes that have the greatest potential to change the way primary care clinicians practice. These articles are then critically appraised by expert family physicians, educators, and/or pharmacologists. The reviews cover 1994 to the present and are updated monthly. Each review includes the article citation, name of the reviewer, the clinical question presented, background, study design and validity, outcomes measured, results, recommendations for clinical practice, and references. FREE

Journal Clubs on Specific Topics

HIV Journal Club
http://www.unsw.edu.au/clients/ashm/HIV_JC.html
The HIV Journal Club reviews major published articles from the International literature, summarizes them and presents them along with comments by members of the editorial panel in Australasia. These comments seek to critically analyze the articles, to place them in their context from the viewpoint of the practicing clinician in Australasia and ensure the consistency of that practice between various sites. Updated monthly, covering 1992 to the present, each review includes the article citation, key findings, methods, results, conclusion, review, references.
FREE

Molecular Pharmacology Journal Club
http://www-fhs.mcmaster.ca/mcpharm/ejc/ejch.htm
On the first of each month, an important new paper is posted for discussion. Anyone may post questions or comments to mcpharm@fhs.csu.mcmaster.ca. The site is updated monthly and covers February 1997 to the present. Each discussion includes the article citation, presenter's summary and a discussion of why this paper is important. FREE

Neurosurgical Critically Appraised Topics Journal Club
http://www.brown.edu/Departments/Neurosurgery/EJC/journ.html
The NeuroCATs Electronic Journal Club provides online access to Neurosurgical Critically Appraised Topics (NeuroCATs). For a NeuroCAT, a clinical scenario is developed which poses a question about patient care. A thorough review of the literature is then performed, and the most pertinent articles are reviewed using the following assessments: value of diagnostic tests, prognosis of the patient's disease, best therapy for the patient's illness. From this assessment, support for the test or therapy as a treatment standard, guideline, or option is then made. Each article assessment describes the study type, clinical question addressed, citation, analysis, type of evidence and comments.
FREE.

Did You Know That....

By Nina Dougherty, Librarian, Spencer S. Eccles Health Sciences Library

Did you know that ... you have answers at your fingertips to some of the most frequently asked reference questions at the Spencer S. Eccles Health Sciences Library. The following electronic resources mostly correspond to heavily used books in our reference department. Most of these electronic versions provide additional and more current information than is found in their print counterparts. The resources may be restricted to particular groups of users, as noted, or are free on Internet to anyone. All are easily searched, with online help information readily found.

AMA Physician Select
http://www.ama-assn.org/aps/amahg.htm
Are you looking for physician addresses? Do you want to know whether specific physicians or specialists within a specific zip code are taking new patients? AMA Physician Select provides information on virtually every licensed physician in the United States and its possessions, including more than 650,000 doctors of medicine (M.D.) and doctors of osteopathy or osteopathic medicine (D.O.). Much more detailed information is provided for AMA members than for non-members. Searching is by physician (by state) or by speciality (by state, city and zip code). "Sound-like" searching for name and location is available if the exact spelling is not known. Prospective patients can get the practice philosophy, office hours, which insurance policies are accepted and map to the office, as well as whether new patients are accepted.

Availability: Free to anyone on Internet

Associations Unlimited
http://galenet.gale.com/m/mcp/db/au/
The *Encyclopedia of Associations*, which has long been relied upon as the most comprehensive and authoritative source for information about associations and professional societies, is the core of Associations Unlimited. There are 144,000 detailed listings for organizations all over the world, with a scope that covers everything from a local Chamber of Commerce to the American Medical Association, and beyond. In addition, Internal Revenue Service (IRS) information on 300,000 nonprofit organizations has been added to Associations Unlimited, "making it the world's largest, most detailed and searchable database available on nonprofit information." Searching can be by acronym, words in the association name, location, subject and other parameters. Information provided includes primary contact, address, telephone and fax numbers, URL (if submitted), size of membership, dues, publications and, in some cases, links to more detailed descriptive information.

Availability: Academic Pioneer, available to school, public and academic libraries in Utah.

Books in Print
http://digilib.lib.utah.edu/cgi-bin/dbs.pl Select Books in Print
Or from Marriott Library's home page **(http://www.lib.utah.edu)** select the Databases and Indexes link and then select Books in Print

This First Search electronic version of Books in Print contains 1.8+ million records of in-print, out-of-print, and forthcoming books from over 44,000 North American publishers and is updated weekly. It can be searched by author, title, subject, publisher, and other approaches. Publishers' addresses and other order information is accessible from the record for each book. Information on book publishers, distributors and wholesalers of the United States can be searched in the company field.

Availability: University of Utah users

Statistical Abstract of the United States 1997
http://www.census.gov/statab/www/
Statistical Abstract is often the first source used for a statistics question. It is the official annually updated collection of U.S. statistics, with references to the actual sources of specific statistics. The home page provides links to HTML summary tables of the most frequently requested statistics and to the PDF files for the complete Statistical Abstracts volume, broken down by topical sections. Many other excellent sources of U.S., Utah and international statistics are accessible through Internet, a topic deserving of separate treatment.

Availability: Free to anyone on Internet

InfoFair '98 Summary and Request for Feedback

InfoFair is an annual event at the University of Utah Health Sciences Center. The goal of InfoFair is to provide up-to-date information on computer applications, resources and services as well as a glimpse into the future of computers and computing in the health sciences.

InfoFair '98 was held Thursday, April 30. This year's theme was Evidence-Based Health Care. InfoFair Day has passed, but it is still possible to visit the virtual exhibits, look at the handouts and URLs featured in the InfoFair day presentations. Visit the InfoFair Web page at **http://medstat.med.utah.edu /infofair/**

If you want to provide feedback on InfoFair activities, or suggest a theme or topic for next year, see the InfoFair feedback request form at **http://medstat.med.utah.edu/eccles/feedback.html**.

Introducing ... Jeff Weiler

Systems Supervisor
Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Jeff Weiler.

As the fifth child in a family of seven, I have lived in Salt Lake City for most of my forty-two years. As a senior at Olympus High School in 1973, when computers were programmed with paper tape and punch cards, I knew that I wanted to learn more about computers. My first real exposure to the computer world started in high school as a keypunch operator on dinosaur-like IBM card punchers. A female dominated profession, the women thought it novel to work with a male keypuncher, a job at which I excelled.

I attended the University of Utah where I received my bachelor's degree in Geography, Urban Planning, and Cartography. The income I received while working at the University of Utah Computer Center Keypunch Department augmented my four-year geography scholarship. During my undergraduate years, I enrolled in only five computer courses. Most of my computer knowledge was gained by volunteering my programming skills for University related projects. And for fun, I promoted University student sponsored concerts and movies and got my first real taste of the entertainment world.

I have worked for numerous departments over the past 25 years at the University of Utah. At the Intercollegiate Athletics Department, I programmed their office computers as well as produced animated commercials and cartoons for the Rice Stadium color scoreboard during football games and other special events. At the Geography Department, I produced computer generated map images. And at the Special Education Department I assisted in personal computer setup and computer training of faculty, staff, and students.

I now find myself working with the best and the most motivating people, who's attitudes reflect an on-going process of helping others further themselves. Through our team efforts of providing information exchanges and services to others we are on our way to being part of the "avante-garde of the new civil consciousness." That is, maintaining our goal to be part of the leading edge to provide information services to others. As supervisor of the Eccles Library Computer Systems Department, my practice is maintaining an open door policy for providing computer information for those who seek it. Anyone is welcome to our knowledge, talents, and skills with computers. Come visit us from time to time.

My future plans include studying physics with interests in sound, light, magnetics and gravity, and earning an expertise in laser technologies for the entertainment world. I can't seem to get entertainment out of my system. I have interests in camping, hiking, and fishing. I'm a worthy chess player. I love reading American and American Indian folk tales, and finding the origins of some of our modern humor. Please stop by and visit, I would be happy to share a few yarns.

Academic Universe

Academic Universe (AU) is the new face of Lexis/Nexis, available at **http://www.lib.utah.edu/ualc/universe.html** The product contains a large subset of traditional Lexis-Nexis files. Also, the files are not updated in real time. There will be some limited access in the near future to the traditional Lexis-Nexis and Marriott Library will provide a method for obtaining that access as soon as the process has been determined. Use **ualc** as ID and **utahc** as the password.

Access is limited to UALC institutions only.

Off-Campus Access to Library Web-based Resources

In order to provide the University of Utah community with access to electronic library resources from commercial Internet Service Providers, the Academic Computing and Library Information Services (ACLIS) department has implemented proxy service. The proxy server allows access to Web-based library resources from off-campus computers. Existing **u.cc.utah.edu** logins are used to verify that people connecting are indeed members of the University community and therefore allowed to access the electronic resources under the terms of the contracts with the vendors. Contact Ann Marie Breznay at 801-581-3852 or Joe Potts at 801-581-5167 with questions.

For detailed instructions on using the proxy service read the Web help page at **http://www.lib.utah.edu/remote.html**. There are four basic steps:

1. Register as an authorized user (i.e. obtain an account on u.cc.utah.edu)
2. Configure your Web browser for proxy service by setting a specific proxy address in Preferences
3. Connect to the Marriott Library home page at **http://www.lib.utah.edu** and select the link to Indexes and Databases, or Electronic Journals
4. Disconnect from the proxy service.

Electronic Services Survey Results and PubMed

by Jeanne Le Ber, Assistant Librarian, Spencer S. Eccles Health Sciences Library

Last December, the Spencer S. Eccles Health Sciences Library conducted a survey to gauge library user's knowledge of electronic resources. One question specifically asked on the survey was "How do you access MEDLINE? Check all that apply." Survey responses indicated that most people use the Windows, Macintosh or Web versions (WinSPIRS, MacSPIRS or WebSPIRS) of SilverPlatter to access the MEDLINE database. WinSPIRS received the most use, 158 users; MacSPIRS had 82 users; WebSPIRS had 50 users; for a total of 290 users.

Since SilverPlatter is the software supported by the library, and since it's search system is so flexible and powerful, it was reassuring to see the high usage of this system. But we were surprised by the number of people who use PubMed **(http://www.ncbi.nlm.nih.gov/ PubMed/)**, the National Library of Medicine's Internet version of MEDLINE. A total of 88 respondents (17%) indicated they search MEDLINE using PubMed. This number is relatively high since PubMed has only been available free over the Internet since June 26, 1997. (With exposure, the number of users is probably now much higher.)

In addition, the survey asked people to indicate which search service they prefer and why. Of the 199 responses to this question, 40 (20%) indicated a preference for PubMed. One respondent addressed most of the reasons for preferring PubMed when she wrote, "PubMed has links to related articles (very useful when searching certain topics), is fast, up-to-date, easy to use, free, and has links to online versions of many journals."

For people not familiar with this search system, PubMed was created by system experts at the National Center for Biotechnology Information (NCBI). It is an experimental search service that is evolving and changing in response to user suggestions. PubMed includes all the MEDLINE citations going back to 1966, as well as PREMEDLINE citations.

PREMEDLINE functions like a current awareness service. It includes the most current references but without full indexing or medical subject headings (MeSH). For selectively indexed journals (such as *Nature* or *Science*) all articles from that journal title are included in PubMed. This means that PubMed has additional citations that are not included in MEDLINE.

PubMed also provides access to the molecular biology databases included in NCBI's Entrez retrieval system. It is expected that access to additional NLM databases will be added in the future. PubMed retrieval is very fast and efficient, a plus for searchers who need the information now. Searchers are encouraged to read and/or print the **Help** and **New/Noteworthy** pages.

A particularly helpful feature of PubMed is the ability to **See Related Articles**. This feature uses a powerful word-weighted algorithm to compare title and abstract text words, as well as the MeSH terms of each citation in order to link to similar articles. Unfortunately, further limiting of this subset is not possible. In addition, University of Utah users can link to full-text articles if the publisher provides access and the library subscribes to the electronic version of the journal.

There are three methods for searching PubMed: Basic Search, Advanced Search and Clinical Query.

• The initial PubMed search screen provides for the **Basic Search**. It allows users to perform a quick search by entering a few key words, phrases or author name in the search text box. A set of article titles is retrieved and their associated abstracts can be selected for viewing.

• The **Advanced Search** feature allows for more precision by offering a pull down menu of field specific limits such as author, journal name, language, Mesh major topic, publication type, text words, title words, etc. Besides the initial **Current Query** text box, there are two additional text boxes that allow you to **Add Term(s) to Query** and **Modify Current Query**.

• The **Clinical Query** is designed for the clinician. It has built-in search filters for diagnosis, etiology, therapy and prognosis. An additional filter allows for selecting sensitivity or specificity. This filtering process reduces the retrieval to articles that report research conducted with specific methodologies.

Additional PubMed features include the Citation Matcher, the Journal Browser and the MeSH Browser.

• The **Citation Matcher** allows users to match their own list of citations to PubMed entries, using bibliographic information such as journal title, volume, issue, page number and year. This feature is very helpful with partial or incorrect citations.

• The **Journal Browser** allows you to look up journal titles using the standard MEDLINE abbreviation, full title, or ISSN numbers for journals that are included in the PubMed system.

• The **MeSH Browser** links to the list of controlled vocabulary of medical and scientific terms. Medical subject headings (MeSH) and subheadings are assigned to documents in MEDLINE by professional indexers. These terms can be used to search MEDLINE more efficiently than simple text words. Be sure to read and/or print the **How To Use the MeSH Browser** help screen.

Importing references from PubMed to a bibliographic management program such as *Reference Manager* or *EndNote* is fairly easy. Be sure records are displayed in the **MEDLINE report format** and saved in **text** format. Once in the bibliographic management program, select the import or capture filter for NLM MEDLINE.

Wayne Peay Delivers Janet Doe Lecture at MLA

Wayne Peay, Director of the Spencer S. Eccles Health Sciences Library delivered the Janet Doe Lecture at the Centennial Meeting of the Medical Library Association on May 25 in Philadelphia. The lecture, *Strategies and Measures for Our Next Century*, examined the development of the Western Governors University as an illustration of the dramatic changes facing libraries and higher education. Succeeding in this dynamic environment is made possible by applying the ethical values of the profession to the complex questions that lie ahead. He proposed exploiting the collaborative capabilities of new technologies and overcoming behavioral/cultural barriers to collaboration. This new collaborative model may be the best strategy for addressing the challenge of providing organized access to Internet resources.

Wayne's lecture, as well as other audiocassettes of the MLA sessions, are available for listening or checkout at the Computer and Media desk on the lower level of the Eccles Library.

The lecture is also available on Wayne's Web page at **http://medlib.med.utah.edu/faculty/wayne-lec.pdf**

Suzanne Stensaas at the Eccles Library

Suzanne Stensaas, Ph.D., and the Spencer S. Eccles Health Sciences Library began their productive partnership in the mid-1970's. The Slice of Life videodisc project has been one of their most productive efforts and currently she is working with Sharon Dennis, Associate Librarian, and the Knowledge Weavers to develop Web-based multimedia resources. Suzanne has been an innovator in using computer technology to support teaching and learning activities at the University of Utah School of Medicine and at Cornell University Medical College. Cementing her close tie with the Eccles Library, Suzanne recently established an office on the library's lower level.

Suzanne works closely with other library faculty and staff in various capacities; Nancy Litz searches for and orders software and video media; Jeanne Le Ber, the newly appointed Education Librarian, coordinates educational activities; and Wayne Peay, the library director, plans innovative programs.

Several projects Suzanne is currently working on in conjunction with the Knowledge Weavers include:

- Expanding the Digital Slice of Life **(http://medlib.med.utah.edu/ kw/sol/sss/)** by working to digitize many of the early Slice of Life videodisc images; first year medical student Easton Jackson is working with Suzanne and Paul Burrows
- Converting parts of HyperBrain to the World Wide Web **(http://medstat.med.utah.edu/kw/brain_atlas/);** first year medical student Nicola Riley is assisting on this project
- Offering faculty development workshops at other institutions.

Suzanne coordinated the 10th Annual Slice of Life Workshop at the University of South Florida, in Tampa June 23-27, 1998. The workshop focuses on new technology, software development, as well as faculty development. The program and linked abstracts are available at **http://www.slice98.gsm. com**. As an example of the collaborative efforts between Suzanne and library faculty, Sharon Dennis and Nancy Lombardo will be presenting workshops at the conference.

One of Suzanne's roles is to serve as a liaison between library faculty and School of Medicine teaching faculty with issues related to the new problem-based curriculum. She encourages faculty to use a variety of teaching techniques, including software programs, to diversify courses and reduce lecture hours. She anticipates faculty needs, suggests solutions related to software programs, online testing, and course evaluation. Getting software programs integrated into the curriculum is her primary challenge. Suzanne is also playing a major role in organizing and teaching the new Integrated Neurosciences course for Block 4 for the second year medical students.

Suzanne Stensaas has an appointment as Associate Professor in the Department of Neurobiology and Anatomy at the University of Utah, and she continues as an Adjunct Associate Professor of Pathology at Cornell University, where she directs courseware development for their new four-year curriculum. Call or email Suzanne with questions or suggestions at her email address suzanne.stensaas@hsc.utah.edu or voice mail at 801-585-1281.

IAIMS Newsletter *Deadline and Mailing List*

The deadline for the Fall 1998 issue of the *IAIMS Newsletter* is August 10, 1998.

The IAIMS Newsletter is available electronically via the WWW at **http://medlib.med.utah.edu/iaims/iaims.html**

To receive a copy of the electronic version in PDF format, send a email message to: MAISER@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5980. VOICE: 801-581-5534. FAX: 801-581-3632. INTERNET: jeannele@lib.med.utah.edu.

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Permit Number 1529

The Spencer S. Eccles Health Sciences Library Summer Quarter 1998 Hours

June 21 to August 15, 1998

Monday to Thursday	7:00 A.M.–10:00 P.M.
Friday	7:00 A.M.– 8:00 P.M.
Saturday	9:00 A.M.– 6:00 P.M.
Sunday	Noon–6:00 P.M.

Special Hours

Saturday, July 4, 1998	Closed
Friday, July 24, 1998, regular hours	7:00 A.M.– 8:00 P.M.

Break Hours, August 16 to August 22, 1998

Monday to Friday	7:00 A.M.–8:00 P.M.
Saturday	9:00 A.M.–6:00 P.M.
Sunday	Closed

Regular Fall Semester hours resume on Sunday, August 23, 1998

Phone Numbers

Administration	801-581-8771
Hours	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4686
Computer & Media Services	801-581-8052
Duplication	801-581-5258
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-585-3031
Reference	801-581-5534
Slice of Life	801-585-2737
Technical Services	801-581-5266
Technical Support	801-581-3691

The ***IAIMS Newsletter*** is published quarterly (September, December, March, June) by: The Spencer S. Eccles Health Sciences Library at the University of Utah.
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URL: http://medlib.med.utah.edu/

IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Spring 2005 Volume 20 Number 2

Google Scholar Beta Launched

Joan M. Gregory, Technical Services Librarian
Spencer S. Eccles Health Sciences Library

Google Scholar (*http://scholar.google.com/*), a new service from Google, searches databases such as PubMed and WorldCat (a database of books, audiovisuals and other materials in libraries worldwide), digital archives of articles, research data, dissertations, and teaching materials, etc. published or developed at universities worldwide. With Google Scholar, research articles are searchable if they are indexed in PubMed or in a digital article archive. In addition, articles are accessible in full-text if either the libraries on campus have a current electronic subscription to the journal or if the article has been deposited in a digital article archive.

In the past, such material would not be found by search engines such as Google; it would remain "invisible" to Web searchers. But Google has made arrangements with publishers, libraries, and database vendors to access the citations and abstracts for these resources enhancing Google search results.

For example, if you search Google Scholar for the phrase **"carotenoids and colon cancer,"** you will get 20 hits, the first of which is *Carotenoids and Colon Cancer* by Martha L. Slattery (University of Utah), et al. which was published in the *American Journal of Clinical Nutrition*. Since the libraries at the University of Utah have paid for electronic access to this title, you can access the full-text of this article. There is also a Cited by hyperlink following the citation, which currently links to 26 additional articles which cite Dr. Slattery's article.

However, the challenge comes when you try to access articles in journals for which the libraries do not have electronic subscriptions. This is where digital article archives, such as the DSpace archive now under development by Spencer S. Eccles Health Sciences Library, will provide access to articles, research data, teaching resources and other materials created by faculty at universities worldwide. See the article on page 2 for information on participating in the DSpace project to make your research articles accessible via Google Scholar and other Web search engines.

For more information see Google Scholar's About page at: *http://scholar.google.com/scholar/about.html*

In This Issue

Google Scholar Beta Launched 1
Use DSpace to Google Your Research Articles 2
Introducing . . . Suzanne Sawyer 2
Serving Utah Miners & Library Personnel Changes 3
NOVEL Project Produces New Collections 3
Access Grid Available for Use 4
LSTA Mini Grant Awarded 4
BioMail & PubCrawler: Automated Search Alert Services 4
Library Workshops and Classes 5
NLM Funds 3 Year Utah CHI Infrastructure Project 6
Support Available for Faculty Use of New Technologies . . 6
Library and Information Technology Forum Schedule . . . 7
Tablet PC Pilot Project Initiated 7
HSEB Tours Available & InfoFair 2005 7
IAIMS Newsletter Deadline and Mailing List 7
Spring Semester Library Hours and Phone Numbers 8

Use DSpace to Google Your Research Articles

Joan M. Gregory, Technical Services Librarian
Spencer S. Eccles Health Sciences Library

Wouldn't it be great if:

- Google searches could find your research articles as well as websites?
- Reprint requests could be filled by sending colleagues valid, reliable links to the full-text of your articles?
- All your publications were accessible from one website, maintained and backed up by a reliable source?
- You could maintain ownership of the materials and articles you create?

These are the goals of a new DSpace digital article archive hosted by Spencer S. Eccles Health Sciences Library, a Google searchable digital article archive with no broken URLs, no backup worries, no need for paper reprint requests, where you, as faculty, can archive the materials and articles you create.

DSpace™ is open source software developed cooperatively by Hewlett-Packard Labs and MIT Libraries and designed for use by universities in creating digital archives of the scholarly material produced by their own faculty. "… [T]his material is being collected under the model of faculty 'self-archiving' where faculty authors retain copyright to their published articles or at least the right to make an electronic copy available from a website at their own institution free of charge." [1]

Copyright depends on the copyright policies of the journal publisher in which an article is published. Some publishers have very restrictive copyright policies; others have begun to review and change these policies. The UK-based SHERPA Project website (*http://www.sherpa.ac.uk/romeo.php*) is one of the best places to view the policies for publishers of the journals you publish in regularly. For example, a search for **Elsevier** on the SHERPA site indicates that Elsevier is a ROMEO green publisher allowing both pre-print and post-print archiving on an author's personal or institutional server. The ROMEO (Rights MEtadata for Open archiving) colors currently range from white (archiving not formally supported) to green (can archive pre-print and post-print). The pre-print is the word processing version of the article as initially submitted to the journal for publication. The post-print is the final, edited, "ready for publication" word processing version of the article. Few publishers currently allow archiving of the final publisher PDF.

How can you assure that your articles can be found via Google Scholar? It is really quite easy:

- The library is in the process of loading journal citation information into our new DSpace archive for articles published by University of Utah Health Sciences Center faculty in journals published by ROMEO green publishers.
- The next step will be to link to the actual full-text (the final, edited, ready for publication word processing document) of the articles.
- The library will be contacting you for submission of the word processing versions of your articles, OR you may notify the library that you would like to participate by contacting: Joan Gregory, joang@lib.med.utah.edu, 801-581-5269.

DSpace is also available for archiving of presentations (e.g., PowerPoint), departmental publications (e.g., brochures, annual reports, technical reports, newsletters) and other similar materials. To see this "work in progress" as faculty and departments begin contributing materials, go to *http://dspace.med.utah.edu/* Contact Joan Gregory; joang@lib.med.utah.edu, 801-581-5269, to contribute articles or to set up your department in DSpace and begin archiving your publications today.

1. Smith, M: DSpace for E-Print Archives. High Energy Physics Libraries Webzine February 2004:(9) (http://library.cern.ch/HEPLW/9/papers/3/)

Introducing . . . Suzanne Sawyer

Project Coordinator,
Regional Medical Library
Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Suzanne Sawyer.

Suzanne Sawyer joined the Regional Medical Library Administrative office on August 30, 2004, as Project Coordinator. She works in the MidContinental Regional offices at the University of Utah, Spencer S. Eccles Health Sciences Library. Suzanne's new responsibilities include providing support to personnel in the Utah offices as well as to the liaisons throughout the region.

She received her BS degree in Elementary Education from Utah Valley State College in Orem, Utah, and taught in the public school setting for five years. Her varied experiences included teaching students in grades 1, 3 and 6. Her favorite teaching experience was a year spent teaching students in grades K to 6 to use various computer applications. In addition to teaching, Suzanne has experience in customer service and retail.

Suzanne spent most of her childhood in Arizona and New Mexico, including several years living on the Navajo reservation. She moved to Orem at the age of 13. Suzanne has also lived in Texas, California and the Philippines. She currently lives in Orem with her husband and children.

In her spare time, Suzanne enjoys reading and working on home improvement projects. She is enjoying her experience with the RML and is looking forward to the opportunities and challenges the future will bring.

Serving Utah Miners

The Spencer S. Eccles Health Sciences Library Outreach Team is partnering with the University of Utah Miners Hospital to provide health education programs to Utah miners. In addition, the Eccles Library's Web page provides a link to pertinent Occupational Health and Safety and Mining websites within consumer health. Members of the mining community will have easy access to the full range of health and safety resources available on the Internet. For more information, visit *http://medlib.med.utah.edu/km/chealth.php* and scroll to Occupational Health and Safety and Mining.

Plans are being finalized for a meeting with coal mine safety officers and Mine Safety and Health Administration (MSHA) field service educators to introduce them to resources on the Internet. Health education programs are also planned for miners, their families, and community groups serving the mining community.

For historical perspective, the Miners Hospital is the result of a legal settlement negotiated between Utah miners and the state of Utah to provide medical services tailored to meet the specific and unique health-care needs of Utah's disabled coal, metal, and non-metal miners. Created in January 2004, the Miners Hospital allows disabled miners access to the full range of services available through the University of Utah Hospitals and Clinics. An additional Miners Clinic is located at the Parkway Health Center in Orem.

For more information visit the Miners Hospital website at *http://uuhsc.utah.edu/ miners_hospital/* Or you can email miners.hospital@hsc.utah.edu; Dana Hughes, R.N., Ph.D., is the Miners Hospital Outreach Coordinator.

MINERS HOSPITAL

Library Personnel Changes

Donna Herron, Administrative Secretary, has resigned and is moving to Grand Junction, Colorado.

Sarah Page has been promoted from Public Services Assistant to the Administration Office. She is a recent graduate of the University of Utah, majoring in Anthropology.

Jason Varghese has joined the Eccles Library staff as lead developer on the HEAL Project working with Sharon Dennis. He graduated from the University of Oklahoma with a BS in computer engineering and is currently working on his MBA. He has been working on the HEAL project since December 2001 and will be moving to Utah in the spring.

NOVEL Project Produces New Collections and Looks to the Future

The Neuro-Ophthalmology Virtual Education Library (NOVEL), a collaborative project between the North American Neuro-Ophthalmology Association (NANOS) and the Spencer S. Eccles Health Sciences Library, has recently made significant progress in developing a digital library of clinical multimedia materials for neuro-ophthalmology.

NOVEL now offers free Web access to five neuro-ophthalmology collections, available from the NOVEL Home page at *http://library.med.utah.edu/NOVEL/* Together, the collections contain over 1300 items including digitized slides, audio lectures and patient videos. The donors of these materials are some of the world's top neuro-ophthalmology luminaries, including Kathleen B. Digre, M.D., William F. Hoyt, M.D., Shirley H. Wray, M.D., Ph.D., and J. Lawton Smith, M.D. We are also pleased to announce the arrival of the David G. Cogan collection, currently under development at the Eccles Library.

Each collection contains classic findings and unique observations gleaned from numerous neuro-ophthalmologic examinations. We encourage users to download or link to these materials for use in presentations, lectures, clinical research, and other educational endeavors.

Each collection is displayed within the framework of a customized website, designed to meet the individual specifications of the author/contributor. Users can obtain images by simply right clicking on a JPEG image or high resolution TIF file and saving the image file to their hard drive. Several choices exist for obtaining video, including options for downloading the QuickTime video format or streaming Real Media video files over the Internet.

As the five core collections of the NOVEL project near completion, issues regarding the preservation and storage of large volumes of pre-digital media are becoming a chief concern. Efforts are underway to procure storage facilities with the goal of reserving enough space for existing materials and for those materials we expect to acquire in the future. A secure, controlled environment is necessary in order to preserve the structural integrity of the materials, which will help ensure the continuation of these valuable resources so that they may be enjoyed by future generations of neuro-ophthalmology practitioners, students, and patients.

Please view the newest edition of the NOVEL project by visiting the website at *http://library.med.utah.edu/NOVEL/*

For more information about this project, please contact Nancy Lombardo; nancyl@lib.med.utah.edu, 801-581-5241.

Access Grid Available for Use

The Spencer S. Eccles Health Sciences Library, in collaboration with the Center for High Performance Computing (CHPC), has installed an Access Grid (AG) node. With technical support from Jimmy Miklavcic of CHPC, high-end audio and visual equipment have been placed in the library's History of Medicine Room, enabling state-of-the-art interactive, multi-media collaborations. Access Grid (AG) is used for large-scale distributed meetings, collaborative work sessions, seminars, lectures, tutorials, and training. The AG technology was developed by the Futures Laboratory at Argonne National Laboratory and is now used at over 150 institutions worldwide. For more information visit http://www.accessgrid.org/

Faculty and staff wishing to utilize this new technology for communication or collaboration with colleagues should contact Nancy Lombardo; nancyl@lib.med.utah.edu, 801-581-5241.

LSTA Mini Grant Awarded for Internet Communication Technology Pilot

The Spencer S. Eccles Health Sciences Library was awarded an LSTA (Library Services and Technology Act) Mini Grant to pilot a program that will train public librarians in the use of Internet communication technologies. This one year grant will provide participating librarians an alternative method of accessing professional development resources, a utility to help generate ideas for new and innovative services to public library communities, and a means to facilitate effective communication between colleagues and community partners.

The grant money will be used to purchase Polycom ViaVideo units to be distributed to 10 libraries; five urban and five rural locations. The Eccles Library will also house a ViaVideo unit in the Reference Department in order to deliver face-to-face reference services.

The project will be aided by the statewide infrastructure of high-speed access to the Internet. In fact, every public library in the state of Utah offers public access to high-speed Internet connections, whether they are T1 lines, DLS, cable, satellite, or even a combination of these technologies. Another goal of the grant is to increase collaboration between librarians.

For more information about the project, please contact John Bramble, Outreach Librarian; jbramble@lib.med.utah.edu, 801-587-3493.

BioMail: Automated Search Alert Service

BioMail is a web-based application. It is written to automate searching for recent scientific papers in the PubMed MEDLINE database. BioMail is free.

What does BioMail do?
BioMail does a user-customized MEDLINE search and sends all matching articles recently added to MEDLINE to the users' e-mail address. HTML-formatted e-mails generated by BioMail can be used to view selected references in MEDLINE format (which is compatible with most reference manager programs).

Why is BioMail helpful?
BioMail will perform routine searches for you. This program alerts users to all new papers in their fields automatically. Your search strategies are safe and secure in the database and can be accessed, tuned, or deleted any time.

For less sophisticated or casual searches, BioMail includes an *Indexed References Only* option that uses the MeSH headings to enhance a keyword search. For expert searchers, any traditional PubMed search can be run, including those using subheadings, field tags, and other advanced strategies.

Visit the BioMail website for more information about using the web-based product or downloading the application.

General information: *http://biomail.sourceforge.net/biomail/*
BioMail: *http://www.biomail.org*

PubCrawler: Automated Search Alert Service

It goes to the library. You go to the pub. ™

PubCrawler is a free alerting service that keeps scientists informed of the current contents of MEDLINE and GenBank, by listing new database entries that match their research interests.

PubCrawler searches the NCBI PubMed (MEDLINE) and Entrez (GenBank) databases daily using search parameters (keywords, author names, etc.) specified by the user. There is no limit on the number of searches that can be carried out. Previous search hits are stored and only the newest PubMed or GenBank records are shown each day. The results are presented as an HTML Web page, similar to the results of an NCBI PubMed or Entrez query. This Web page can be located on the PubCrawler computer, on your computer, or you can receive it via e-mail.

Visit the PubCrawler website for more information and to sign up: *http://pubcrawler.gen.tcd.ie/*

Library Workshops and Classes

Tours and Orientations
To schedule call 801-581-5534 or email Mary McFarland at marym@lib.med.utah.edu

Access Basics	**Large PC Lab**
Monday, February 14, 2005	2:00 P.M.-4:00 P.M.
Wednesday, March 9, 2005	1:00 P.M.-3:00 P.M.
Wednesday, April 6, 2005	10:00 A.M.-Noon
Wednesday, April 27, 2005	10:00 A.M.-Noon
Access Advanced	**Small PC Lab**
Wednesday, February 16, 2005	2:00 P.M.-4:00 P.M.
Wednesday, March 23, 2005	1:00 P.M.-3:00 P.M.
	Large PC Lab
Wednesday, April 13, 2004	10:00 A.M.-Noon
Wednesday, May 4, 2005	10:00 A.M.-Noon

Basic Design
By request for groups of four or more; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

Bibliographic Management

EndNote (version 8)	**Small PC Lab**
Wednesday, February 2, 2005	9:00 A.M.-11:00 A.M.
Monday, February 14, 2005	2:00 P.M.-4:00 P.M.
Tuesday, March 8, 2005	9:00 A.M.-11:00 A.M.
Monday, March 14, 2005	8:00 A.M.-10:00 A.M.
Tuesday, April 19, 2005	9:00 A.M.-11:00 A.M.
EndNote, Follow-up Session	
Tuesday, February 22, 2005	8:00 A.M.-10:00 A.M.

Contribute
By request for groups of four or more; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

Dreamweaver, Part 1 and 2
By request for groups of four or more; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

Excel Essentials, Part 1	**Small PC Lab**
Monday, January 11, 2005	10:30 A.M.-Noon
Tuesday, February 1, 2005	1:00 P.M.-2:30 P.M.
Tuesday, February 22, 2005	10:30 A.M.-Noon
Monday, March 28, 2005	1:00 P.M.-2:30 P.M.
Tuesday, April 19, 2005	10:30 A.M.-Noon
Monday, May 9, 2005	1:00 P.M.-2:30 P.M.
Excel Essentials, Part 2	**Small PC Lab**
Wednesday, January 13, 2005	10:30 A.M.-Noon
Thursday, February 3, 2005	1:00 P.M.-2:30 P.M.
Thursday, February 24, 2005	10:30 A.M.-Noon
Wednesday, March 30, 2005	1:00 P.M.-2:30 P.M.
Thursday, April 21, 2005	10:30 A.M.-Noon
Wednesday, May 11, 2005	1:00 P.M.-2:30 P.M.

Grant Writing and Research	**Large PC Lab**
Friday, January 28, 2005	9:30 A.M.-11:30 A.M.
Friday, February 18, 2005	9:30 A.M.-11:30 A.M.
Friday, March 18, 2005	9:30 A.M.-11:30 A.M.

PowerPoint, Basic Presentations	**Large PC Lab**
Thursday, January 20, 2005	10:00 A.M.-Noon
Friday, January 28, 2005	2:00 P.M.-4:00 P.M.
Thursday, February 10, 2005	9:00 A.M.-11:00 A.M.
Wednesday, February 23, 2005	2:00 P.M.-4:00 P.M.
Friday, March 4, 2005	2:00 P.M.-4:00 P.M.
Wednesday, March 23, 2005	8:00 A.M.-10:00 A.M.
Friday, April 8, 2005	2:00 P.M.-4:00 P.M.

PowerPoint, Advanced Techniques	**Large PC Lab**
Friday, January 21, 2005	2:00 P.M.-4:00 P.M.
Friday, February 25, 2005	2:00 P.M.-4:00 P.M.
Wednesday, March 30, 2005	8:00 A.M.-10:00 A.M.
Friday, April 29, 2005	2:00 P.M.-4:00 P.M.

PowerPoint, Animation Part 1 and 2
By request for groups of four or more; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

PowerPoint, Posters	**Large PC Lab**
Tuesday, February 14, 2005	9:00 A.M.-10:00 A.M.
Friday, April 1, 2005	2:00 P.M.-3:00 P.M.

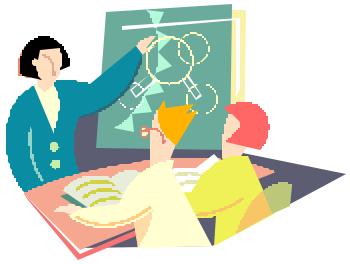
PubMed MEDLINE Basics	**Small PC Lab**
Monday, January 17, 2005	1:00 P.M.-2:30 P.M.
Thursday, January 27, 2005	5:30 P.M.-7:00 P.M.
Monday, January 31, 2005	1:00 P.M.-2:30 P.M.
Wednesday, February 16, 2005	10:30 A.M.-Noon
Tuesday, February 21, 2005	2:00 P.M.-3:30 P.M.
Thursday, March 10, 2005	4:30 P.M.-6:00 P.M.
Monday, March 21, 2005	10:30 A.M.-Noon
Monday, April 4, 2005	10:30 A.M.-Noon
Tuesday, April 19, 2005	4:00 P.M.-5:30 P.M.
Monday, May 16, 2005	10:30 A.M.-Noon

RefWorks
By request for groups of four or more; contact Jeanne Le Ber at 801-585-6744 or jeannele@lib.med.utah.edu

Scanning with Adobe Photoshop	**Small PC Lab**
Tuesday, February 8, 2005	9:00 A.M.-11:00 A.M.
Wednesday, April 6, 2005	2:00 P.M.-4:00 P.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Online registration is required for all classes. For more information see the Eccles Library Web page at ***http://registration.med.utah.edu/classes.cfm?textonly=false*** or please call 801-581-7535 or 801-585-6744.

Faculty are encouraged to consider integrating library classes into their course content. For more information contact Jeanne Le Ber; jeannele@lib.med.utah.edu, 801-585-6744.



NLM Funds 3 Year Utah Consumer Health Information Infrastructure Project

Sally Patrick, Project Director-Utah Consumer Health Information Infrastructure and
John Bramble, Director of Outreach Services
Spencer S. Eccles Health Sciences Library

The Spencer S. Eccles Health Sciences Library is pleased to announce that it was recently awarded a three year National Library of Medicine/National Institutes of Health (NLM/NIH) Information Systems Grant to fund the Utah Consumer Health Information Infrastructure project, thus broadening the successful Utah Consumer Health Information Initiative. The new infrastructure project will further support statewide collaborations and communication methods in order to provide access to high quality health information resources, services and programs for all Utah citizens. The consumer health network will support human and technological connections serving Utah's health information seekers, regardless of geographic location.

Health Challenges for all Americans
Health has become a primary concern for most Americans. At the beginning of the 21st century, we are experiencing the convergence of health challenges for individuals within a national health care system stretched to the breaking point. The realities we face include a larger aging population, an increase in health risk behaviors including obesity, inactivity and an increase in fast food consumption. These are coupled with diminished health care benefits and rising health care costs. It is estimated that 44 million Americans are not covered by medical insurance and for those who are, employers are decreasing the amounts they can cover for employees and their families. For many, this means making a choice between food on the table, medications or doctor visits for loved ones.

Historically, when it came to learning about one's health, citizens trusted the information provided by their family physicians and shared family wisdom about health issues. Recently, the Internet has become a supplement or even a replacement for these two traditional information resources but finding reliable health information remains a challenge for most Americans. Over the past several years, the National Library of Medicine, through its National Network of Libraries of Medicine (NN/LM), has been in the forefront of supporting the information needs of medical professionals and reaching out to communities through local public libraries. Databases such as MedlinePlus have been developed to create authoritative links to consumer health information. As stated by noted heart surgeon Michael E. DeBakey, M.D, "[G]ood information is the best medicine…Not only health professionals but consumers should have the most recent medical information at their fingertips."

With this in mind, the Eccles Library maintains outreach services as one of its most important service philosophies. A number of outreach projects have been created with the aim of collaborating with entities such as the Utah Telehealth Network, public libraries, Utah Department of Health, and other health information providers throughout the state in order to coordinate vital consumer health information for all Utah citizens.

Utah Consumer Health Information Initiative Leads to Infrastructure Project
During 2003-2004 the Eccles Library carried out a Library Services and Technology Act (LSTA) grant that supported the Utah Consumer Health Information Initiative. This initiative was the initial phase of creating an environment for Utah's public libraries and librarians so they can provide top quality consumer health information and training throughout Utah. The project was successful, reaching most public librarians with health information training and conducting a needs assessment of skills. Lead by Project Director Sally Patrick, the project was awarded the U.S. National Commission on Libraries and Information Science's (NCLIS) 2004 Blue Ribbon Consumer Health Information Recognition Award for Utah.

Support Available for Faculty Use of New Technologies in the Classroom

The Spencer S. Eccles Health Sciences Library provides services, support and resources for faculty course development and enhancement. The library staff can help faculty take full advantage of the latest instruction techniques, technologies and tools.

What can we do for you?
Services include scanning slides, transparencies and overheads to digital images; scanning and placing materials on electronic reserve; providing mobile curriculum tools and applications (handheld devices, laptop computers, Tablet PCs, and wireless network utilization); and access to our digital video studio (tools for creating video content, broadcast, store and replay lectures, special events and speakers).

Support services include teaching evidence-based searching skills; teaching information literacy skills; help converting your course to WebCT; providing student orientations to the Eccles Library; developing distance and continuing education tools and materials; providing instruction in the use of databases (PubMed, CINAHL, etc.), software applications (PowerPoint, Excel, Access, etc.), HTML and Web building tools (Dreamweaver, etc.) and bibliographic management (EndNote, Reference Manager, RefWorks).

Resources include help identifying and acquiring materials for your course, access to over 500 databases, and full-text access online to textbooks and journals.

If you are interested in learning more about these services contact Jeanne Le Ber, Education Services; jeannele@lib.med.utah.edu, 801-581-5534.

Library and Information Technology Forum Spring Schedule

The Spencer S. Eccles Health Sciences Library sponsors a series of brown bag seminars related to library and information technologies. The Library and Information Technology Forum is generally held the second Wednesday of the month in Classroom B or C in the School of Medicine from 12:05 until 1:00 P.M. Sessions provide an opportunity for faculty, staff and students to learn about new computer technologies and electronic information sources. Visit our website for current information: *http://medlib.med.utah.edu/or/lift/lift.php*

The January 12 LIFT Forum, *Easy, New and Cool Things You Can Do with Your Digital Camera*, will be presented by a team of digital camera users from the Eccles Library.

Forum Schedule: Classroom B or C from 12:05 to 1:00 P.M.

- January 12—Susan Roberts, et. al.—*Easy, New and Cool Things You Can Do with Your Digital Camera (B)*
- February 9— Dave Packham—*Cell Phones and Mobile Computing* (C)
- April 12—Suzanne Stensaas—*Tablet PCs in Teaching* (B)
- April 20—Joan Gregory—*DSpace and Institutional Repositories* (B)

Tablet PC Pilot Project Initiated

The Spencer S. Eccles Health Sciences Library initiated a Tablet PC Pilot Project during Fall Semester 2004. The goal of the project was to offer health sciences faculty an opportunity to experiment with the Tablet PC to discover and share ways that it might be used to enhance teaching. A group of ten health sciences faculty were invited to participate; faculty were selected from the School of Medicine and the Colleges of Nursing, Pharmacy and Health. Each participant received a Tablet PC for the duration of the pilot project. In return, we asked that the participants attend a once-a-month meeting at the Eccles Library and share their experiences with the Tablet PC.

Eccles Library staff provided a brief overview of the geography and features of the device before checking it out to the participant. We encouraged faculty to review the tutorial provided with the tablet and to begin using the device in their teaching. During the monthly sessions, library staff presented basic instruction and requested feedback.

The faculty were very enthusiastic about using the devices. By the end of Fall Semester, we had learned a lot. As a group we were able to identify needs and find solutions. Together we raised the tablet skills of participants and library faculty to a higher level.

The pilot group will continue to meet Spring Semester. If you would like more information or if you have questions, contact Jeanne Le Ber; jeannele@lib.med.utah.edu, 801-585-6744.

HSEB Tours Available

The Spencer S. Eccles Health Sciences Library is offering tours of the new Health Sciences Education Building. One-hour tours will be held on Monday and Thursday afternoons, from 3:00-4:00 p.m., starting January 20; tour groups are limited to ten. To sign up for a tour visit the library's Workshops and Classes page at *http://registration.med.utah.edu/classes.cfm?textonly=false*; click on the link to **Health Sciences Education Building Tour,** then click on the date you would like to attend. Please fill in the requested information and press the *Submit Registration* button. If you sign up for a tour that is all ready filled, you will be placed on a waiting list. If there is a cancellation, you will move up one slot.

The walk into the building can be muddy and once in the building it can be dusty; wear appropriate shoes.

If you have questions, please contact Jeanne Le Ber; jeannele@lib.med.utah.edu, 801-585-6744.

InfoFair 2005 in Planning Stage

Please put Tuesday, March 29 on your calendar for InfoFair 2005. We have an exciting program of all day events planned. Palmer Taylor, Dean, Skaggs School of Pharmacy & Pharmaceutical Sciences at the University of California, San Diego will present the keynote address. Afternoon sessions will focus on teaching technologies and the new health sciences education building.

IAIMS Newsletter *Deadline and Mailing List*

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)
Assistant Editor: Allyson Mower (amower@lib.med.utah.edu)

The deadline for the Summer 2005 issue of the *IAIMS Newsletter* is Monday, May 2, 2005.

The *IAIMS Newsletter* is available electronically at ***http://medlib.med.utah.edu/or/iaims/iaims.php***

To receive a copy of the electronic version in PDF format, go to *http://lib.med.utah.edu/mailman/listinfo/iaims*, enter your email address and name (optional), and click on the Subscribe button. You will receive an email stating the newsletter has been published with a link to the pdf copy.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5890
VOICE: 801-585-6744; FAX: 801-581-3632
EMAIL: jeannele@lib.med.utah.edu

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InfoFair 2005
Tuesday, March 29, 2005

The Spencer S. Eccles Health Sciences Library

Spring Semester 2005 Hours

Hours are subject to change—Call 801-581-8773 for current hours

Spring Semester Hours January 3 to June 17

Monday to Thursday	7:00 A.M-11:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-8:00 P.M.
Sunday	11:00 A.M.-11:00 P.M.

Regular Hours

Martin Luther King Jr.; January 17	7:00 A.M-11:00 P.M.
Presidents' Day; February 21	7:00 A.M-11:00 P.M.
Memorial Day; May 30	7:00 A.M-11:00 P.M.

Summer Hours June 18-August 21

Monday to Thursday	7:00 A.M-10:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-6:00 P.M.
Sunday	Noon -6:00 P.M.

Regular Fall Semester hours begin Monday, August 22, 2005

Phone Numbers

Acquisitions	801-587-9247
Administration	801-581-8771
Hours/Renewals	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4685
Gifts to Library	801-587-9247
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Media Services	801-581-8052
Outreach	801-587-3493
Regional Medical Library	800-338-7657
	801-587-3412
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

The *IAIMS Newsletter* is published 3 times a year (August, January, May), with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah
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IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Fall 2002 Volume 18 Number 1

Library and Information Technology Forum Fall Schedule

The Spencer S. Eccles Health Sciences Library sponsors a series of brown bag seminars related to libraries and information technologies. The Library and Information Technology Forum is generally held the second Wednesday of the month in Classroom B in the School of Medicine from 12:05 until 1:00 p.m. Sessions provide an opportunity for faculty, staff and students to learn about new computer technologies and electronic information sources. Visit our website linked from Educational Materials.

The September 11 LIFT Forum, *Wireless Computing and the Health Sciences Center*, will be moderated by Nancy Lombardo and will cover recent developments in wireless connectivity. Mark Beekhuizen and Jason Traeden from the Health Sciences Center Information Technology Services (HSC ITS) department will describe the wireless network on the HSC campus, demonstrate the new authentication scheme for HSC wireless users and will discuss the ability to roam from building to building with laptop in hand. without losing connectivity Derrick Albright from the College of Pharmacy will discuss his college's plans for wireless implementation within the Pharmacy program. Nancy Lombardo will explain recent wireless services added at the Eccles Library.

Forum Schedule: Classroom B from 12:05 to 1:00 P.M.

- October—John Bramble and Nancy Lombardo; *Resources for PDA's* and PDA Fair
- November—Chuck Norlin, *Developing a Web Site to Support Primary Care Physicians*
- December—Kay McCloskey; *Youth Without Borders Video Project* and *Healthy Seniors*

Eccles Library Launches New Laptop Checkout Service

Beginning with the Fall 2002 semester, the Spencer S. Eccles Health Sciences Library will be offering laptops for use by University of Utah faculty, staff or students. Approximately 27 laptops will be available for this new service. The laptops will be equipped with wireless network cards, allowing users to work at any location in the library. The laptops will circulate for a 4-hour period and be restricted to use within the library. A valid University ID is required for checkout. Checkout will be processed at the Circulation Desk.

In addition to the library checkout, students affiliated with a health science education program at the University of Utah will have expanded laptop checkout possibilities. Any health science student who is involved in a project focusing on an underserved area or population, a primary care project, or a public health project maybe eligible for an extended laptop checkout for up to 4 weeks. Projects must be reviewed and approved by Robert Quinn, PCP Coordinator, or Molly Youngkin, Outreach Librarian.

All laptop checkout will require a signature from the borrower stating that they accept responsibility for the equipment during the loan period. Compliance with all University and state laws and policies are also required for laptop checkout.

Please contact Nancy Litz at 801-581-8052 or nelitz@lib.med.utah.edu for more information on this exciting new service.

In This Issue

Library and Information Technology Forum Fall Schedule 1
Eccles Library Launches New Laptop Checkout Service . . 1
2002 Priscilla Mayden Lecture 2
Introducing . . . Brandt Deakin 2
New Videocassettes Available 2
Eccles Library Personnel Changes 2
NCBI Advanced Workshop for Specialists 3
Education Services Web Page 3
Clinical Library Announces Patient Information Services . 4
From Primary Care to Public Health 4
Library Workshops and Classes 5
VPN Connection to University Internet Resources 6
Creating Interactive Web Animations with PowerPoint XP 6
WebCT: Support for Instructors 6
Eccles Library Journal Cancellations for 2003 7
Library Videoconferencing Services 7
IAIMS Newsletter Deadline and Mailing List 7
Fall Library Hours and Phone Numbers 8

2002 Priscilla Mayden Lecture

This year's Priscilla Mayden Lecture will be presented by David J. Lipman, M.D., Director of the National Center for Biotechnology Information (NCBI). NCBI is a division of the National Library of Medicine responsible for basic research in computational biology, and to deliver tools, database and information systems for molecular biology. In his research on computational tools, Dr. Lipman developed the most widely used methods for searching biological sequence databases. Under his leadership, NCBI developed PubMed, which provides access to over 12 million MEDLINE citations back to the mid-1960's and includes links to many sites providing full text articles and other related resources. He has also been an advocate for a revolutionary model for scholarly publication–PubMed Central. This year's lecture will be presented October 22 at 10:30 A.M. in the Eccles Institute for Human Genetics auditorium.

Introducing . . . Brandt Deakin

Computer Technician
Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Brandt Deakin.

Brandt Deakin works in the Systems department at the Spencer S. Eccles Health Sciences Library. He fulfills many tasks for the library, including keeping the workstations working and some of the server's services serving. He is also an undergraduate student in Computer Engineering. A Utah native, he wanted to study Computer Science at the University of Utah since elementary school, but got interested in hardware and found a happy medium in CE. Following graduation from the University of Utah, Brandt hopes to work with embedded systems.

Experienced in several flavors of Unix, Brandt prefers Linux because it makes sense to him. Having started his Unix life with WICAT and AT&T-Unix, he then found the world of Linux. He then furthered his experience learning the peculiarities of Solaris. Brandt finds server maintenance very rewarding, especially in the library, where improved server performance means improved service for the patrons.

In his free time, he enjoys camping, hiking, and other outdoor activities. He can often be found in the mountains above his home in Bountiful, biking or just enjoying a quiet evening. He also enjoys car maintenance, amateur radio (KD7EKI), and reading. His favorite authors include Hugh Nibley, Douglas Adams, Robert Heinlein, and C.S. Lewis.

New Videocassettes Available

The Spencer S. Eccles Health Sciences Library has recently acquired a number of vidoecassettes, including some NCME programs. Title received by the library include the following:

VT3 2002-14	*Eating Disorders*—NCME (Network for Continuing Medical Education), New York State Psychiatric Institute, 60 minutes
VT3 2002-15	*Hospital Preparedness for Bioterrorism* NCME—Mt. Sinai Medical Center, 60 minutes
VT3 2002-16	*Tuesdays With Morrie*—A feature film with Jack Lemmon and Hank Azaria, from Mitch Albom's book about his relationship with Morrie Schwarz, the Brandeis professor suddenly stricken with ALS. 89 minutes
VT3 2002-17	*Wit*—Thompson portrays Vivian Bearing, an English Professor faced with a devastating illness, in a Mike Nichols film, based on the 1999 Pulitzer Prize-winning play by Margarett Edson. 99 minutes.
VT3 2002-18	*Principles of Public Health, Part 1—The History of Public Health.* 104 minutes..
VT3 2002-19	*Principles of Public Health, Part 2—Essential Services of Public Health: What Makes Us Unique?* 90 minutes.
VT3 2002-20	*Principles of Public Health, Part 3—Public Health and the Health Spectrum*. 102 minutes
VT3 2002-21	*Principles of Public Health, Part 4—Public Health Science*. 100 minutes.
VT3 2002-22	*Principles of Public Health, Part 5—Partnerships in Public Health*. 95 minutes.
VT3 2002-23	*Principles of Public Health , Part 6—Public Health in the Political Arena.* 100 minutes
VT3 2002-24	*Principles of Public Health, Part 7—The Future of Public Health*. 100 minutes.
VT3 2002-25	T*he Painful Shoulder*, NCME—John McShane, Director of Sports Medicine, Thomas Jefferson University. 30 minutes.

Tapes and DVDs can be viewed and/or checked out at the Public Services desk on the main level of the Eccles Library. Any questions you have about NCME videos or other multi-media materials can be directed to Nancy Litz at 801-581-8052 or nelitz@lib.med.utah.edu.

Eccles Library Personnel Changes

Dawn Ashment has resigned to return to school full time.

Joan M. Gregory has been appointed Acting Deputy Director. She will continue to oversee Technical Services.

Joan M. Stoddart is on leave from Eccles Library. Joan will be taking the position of Acting Assistant Director of Public Services at the J. Willard Marriott Library.

NCBI Advanced Workshop for Bioinformatics Information Specialists

Nicola Gaedeke, Adjunct Assistant Librarian
Spencer S. Eccles Health Sciences Library

Bioscience research over the last 2-3 decades has changed our understanding of disease. With the help of biotechnology, a vast amount of data is generated that would be useless for the advances in medicine, if it was not compiled and made retrievable.

The mission of the National Center of Biotechnology Information (NCBI; http://www.ncbi.nlm.nih.gov/) is the development of computer-based information processing methods that serve the biomedical research community. Many different biomedical databases as well as genome analysis tools are being created and maintained at the institute. However, in order to support the scientist, training on searching and handling these resources has to be provided for both end-users and the librarians who support the scientist.

In January 2001 a group of medical library administrators, medical librarians, and NCBI staff discussed the need for an Advanced Course on NCBI tools and initiated NCBI's Educollab Project. Shortly after the meeting, a team of librarians and scientists was formed to develop a 40-hour (5 day) advanced course for health sciences and science librarians and other bioinformatics information specialists (http://www.ncbi.nlm.nih.gov/Class/NAWBIS/).
The entire 40-hour course consists of the following modules:

1. **Info Hubs**—provides an overview of centralized data collections that provide starting points to additional information in many resources, a wide range of molecular databases and/or software.
2. **Similarity Searching**—emphasizes search tools to identify sequences similar to a query sequence. This can help to reveal a putative identity and function of a gene.
3. **The Human Genome**—covers NCBI's resources for searching, viewing and manipulating maps of the human genome, as well as methods for relating the map data to other resources.
4. **Non-Human Genomes**—covers tools and resources to investigate the genome of model organisms and pathogenic organisms used in genetics and molecular biology research.
5. **Clinical Resources**—provides information about databases that can answer clinical questions, from the very general to the very specific.
6. **Expression and Variation Resources**—covers resources for the search of gene expression levels and genetic varieties.
7. **Structures** —introduces concepts and techniques in modeling molecular structures of proteins and other biomolecules.
8. **Additional Analytical Tools**— introduces a wide range of tools that are available to all users with access to the World Wide Web. The module is divided into
   DNA Analysis Tools
   RNA Analysis Tools
   Protein Analysis Tools
   Phylogenetic Resources
9. **Special Purpose Resources**—covers a variety of special applications at NCBI.

10-A. Educational Resources—introduces educational resources in the field of genetics.

10-B. Outreach and Communication—discusses strategies for communicating the availability of bioinformatics services provided by libraries.

The goal for the participant of the course is to be able to recognize and understand the various data types that result from research in the biosciences and to identify the appropriate resources to answer the patrons/users question. The course was held for the first time August 5 to 9, 2002 in Bethesda. It will be offered on a regular basis at NCBI. Medical Library Association-Continuing Education credits can be earned.

The individual modules will be available as separate classes at the Spencer S. Eccles Health Sciences Library for the scientific community. The Human Genome (3), Structure (7) and Expression and Variation Resources (6) modules are being offered for the first time on August 17, 18 and 19, respectively. Beginning this Fall, these classes will be held on a regular basis. Shorter versions of the modules InfoHubs (1), Similarity Searching (2) and Clinical Resources (5) are already taught at the library and will be expanded to the NCBI module contents. Please check our HelixHelper page (http://medstat.med.utah.edu/library/helixhelper/) or the Library Workshops and Classes page for more information.

Education Services Web Page

The Spencer S. Eccles Health Sciences Library's Education Services Web page links to the current list of Library Workshops and Classes, handouts for most classes, and tip sheets for selected databases. For the student beginning a research project, there is a link to Research Tools highlighting the best resources available by subject: consumer health, gerontology, medicine, nursing, nutrition, occupational therapy and pharmacy.

Additional links lead to Online Tutorials and Classes, Library Presentations and Publications (including the Library and Information Technology Forum, the *IAIMS Newsletter* and InfoFair) and Library and Academic Interest Readings.

The Education Services Web page is available from the Educational Materials link on the library home page.

Faculty who would like to incorporate instruction in the use of online databases and electronic resources into their class assignments should contact Jeanne Le Ber, Education Librarian at 801-585-6744 or jeannele@lib.med.utah.edu.

Clinical Library Announces Patient Information Services

The Hope Fox Eccles Clinical Library (room 4037 University Hospital) is expanding its patient oriented services. The library's new Patient and Consumer Information Services focuses on the needs of University Hospital patients, their families, and the community at large. The library is enhancing its online resources, augmenting the collection of printed items, and training staff members to meet the specific information needs of consumers to better serve this population. The Clinical Library will continue its mission of providing print and online professional resources, educational materials and reference services to University of Utah Health Science Center clinical staff.

The library is assembling a print and multimedia collection geared to patients and consumers. This separate collection will provide information in terms that are comfortable for a lay audience. Individual items will address many topics that are important to patients.

Library staff will also refer to online sources for information. The Clinical Library's Web page (http://medlib.med.utah.edu/library/services/clinical/clinical.html) is now a starting point for locating quality consumer health information. Web page visitors can access sources that have been pre-evaluated by librarians for credibility. Included in these resources is the Utah Consumer Health Information Network (UCHIN), a cooperative project of the Spencer S. Eccles Health Sciences Library and the Utah Library Association. UCHIN combines quality online health data, plus contact information for regional health services. Online visitors can also access the 24 Languages website (http://medlib.med.utah.edu/24languages) to find consumer-oriented health information in many different languages.

University Hospital is partnering with the Clinical Library in communicating these new services to patients and staff, and in redesigning the library to better serve consumers. Patients will receive literature promoting library services and facilities. University Hospital is assisting the Clinical Library in introducing the new services to different staff groups and to explore how the library can help these groups in serving their patients. The library itself will be updated and redesigned in order to be more attractive to patients and their families.

Please let Liz Workman, the Clinical Librarian, know how she can assist you in providing your patients with health information. Liz can be reached by phone at: 801-581-4686, by fax at 801-581-3632 or by email at lworkman@lib.med.utah.edu

From Primary Care to Public Health: A New Opportunity for Fourth Year Medical Students

Molly Youngkin, Outreach/Education
Spencer S. Eccles Health Sciences Library

Reflecting the changes that are constant in medical education, the Department of Family and Preventive Medicine recently made a significant modification to one of its more interesting courses. This revised course, Public/Community Project (PCP), addresses the need to offer training on public health and community health issues for medical students.

Many federal agencies including the Centers for Disease Control and Prevention and the National Library of Medicine are now focusing on public health issues as prominent national health challenges. This new course will also parallel these national interests. Previously this course, known as Primary Care Preceptorship (PCP), consisted of a six week rotation where fourth year medical students explored primary care questions in clinics or hospitals in various rural and urban settings.

The new Public/Community Project rotation will focus on issues from the public health viewpoint of addressing specific populations as opposed to the focus in medicine, that of treating individuals. In this project, students are exposed to community health issues. They will select a public health department or community agency and will work with agency staff to identify a problem within the community. They will investigate the topic, collect data and prepare a report on their topic. At the end of the rotation, students will present their findings to the other medical students within their particular rotation.

This self-directed community learning experience has the support, as well, of the Spencer S. Eccles Health Sciences Library. The library has been a key partner in helping with the logistics of the course, including the development of the PCP website and technical support. During the first day of the PCP Project, the fourth year medical students are given a brief orientation by the Eccles Library staff to the many library resources and services that will prove useful in their research. Students are also provided with new Toshiba laptops to take with them on these rotations. Several laptops that have been used in the past for the previous course are now available for use by University of Utah faculty, staff and students within the Eccles Health Sciences Library. (See page 1 for article on laptop checkout). More information about the new PCP Project can be found on the website http://medlib.med.utah.edu/pcp or by contacting Robert Quinn, M.P.A., Course Coordinator, at 801-587-3382.

Library Workshops and Classes

Tours and Orientations
To schedule call 801-581-5534 or email Mary McFarland at marym@lib.med.utah.edu

Searching MEDLINE on PubMed	**Small PC Lab**
Monday, September 9, 2002	1:00 P.M.-3:00 P.M.
Wednesday, September 25, 2002	10:00 A.M.-12:00 P.M
Monday, October 7, 2002	1:00 P.M.-3:00 P.M.
Tuesday, October 29, 2002	10:00 A.M.-12:00 P.M
Tuesday, November 5, 2002	10:00 A.M.-12:00 P.M
Wednesday, November 20, 2002	1:00 P.M.-3:00 P.M
Wednesday, December 4, 2002	10:00 A.M.-12:00 P.M

Special PubMed Features	**Small PC Lab**
Tuesday, October 1, 2002	10:30 A.M.-12:00 P.M
Friday, November 1, 2002	10:00 A.M.-11:30 A.M

Advanced MEDLINE on PubMed
Contact instructor to arrange a date and time; Mary Youngkin, 801-581-5534 or email maryy@lib.med.utah.edu

ACCESS, Part I	**Large PC Lab**
Thursday, October 17, 2002	9:00 A.M.-11:00 A.M.
ACCESS, Part II	
Friday, October 18, 2002	9:00 A.M.-11:00 A.M.

Bibliographic Management

EndNote (version 6)	**Small PC Lab**
Monday, September 16, 2002	2:00 P.M.-4:00 P.M.
Monday, September 30, 2002	2:00 P.M.-4:00 P.M.
Monday, October 21, 2002	2:00 P.M.-4:00 P.M.
Wednesday, October 30, 2002	3:00 P.M.-5:00 P.M.
Wednesday, November 20, 2002	3:00 P.M.-5:00 P.M.

Reference Manager (version 10)
Contact instructor to arrange a date and time; Jeanne Le Ber, 801-585-6744 or email at jeannele@lib.med.utah.edu

Consumer Health with EBSCOhost
Contact instructor to arrange a date and time; Liz Workman, 801-581-4686 or email at lworkman@lib.med.utah.edu

Excel Essentials, Part 1	**Small PC Lab**
Excel Essentials, Part 2	**Small PC Lab**
Dates to be announced	

Flash, Macromedia MX Part 1 & 2	**Small PC Lab**
Friday, September 27, 2002	9:00 A.M-11:00.A.M.

Full Text Databases	**Small PC Lab**
Dates to be announced	

Grant Writing and Research	**PC Labs**
Monday, September 16, 2002	1:00 P.M.-3:00 P.M.
Friday, October 11, 2002	9:00 A.M.-11:00 A.M.
Friday, November 1, 2002	9:00 A.M.-11:00 A.M.

HTML, Beginning	**Large PC Lab**
Thursday, October 31, 2002	1:00 P.M.-4:00 P.M.
HTML, Intermediate	**Large PC Lab**
Friday, November 1, 2002	1:00 P.M-4:00 P.M.

Patents and Trademark Searching	**Large PC Lab**
Friday, October 4, 2002	10:00 A.M.-12:00 P.M
Friday, November 22, 2002	10:00 A.M.-12:00 P.M

PowerPoint, Basic Presentations	**Large PC Lab**
Wednesday, September 18, 2002	10:00 A.M.-12:00 P.M.
Monday, September 23, 2002	9:00 A.M.-11:00 A.M.
Monday, October 14, 2002	2:00 P.M.-4:00 P.M.
Wednesday, October 23, 2002	2:00 P.M.-4:00 P.M.
Monday, November 18, 2002	2:00 P.M.-4:00 P.M.
Monday, December 2, 2002	2:00 P.M.-4:00 P.M.

PowerPoint, Advanced Techniques	**Large PC Lab**
Wednesday, September 25, 2002	9:00 A.M.-11:00 A.M.
Monday, October 28, 2002	2:00 P.M.-4:00 P.M.
Monday, November 25, 2002	2:00 P.M.-4:00 P.M.
Monday, December 9, 2002	2:00 P.M.-4:00 P.M.

PowerPoint Posters	**Large PC Lab**
Friday, September 20, 2002	11:00 A.M.-12:00 P.M.
Friday, October 18, 2002	3:00 P.M.-4:00 P.M.
Tuesday, November 12, 2002	9:00 A.M.-10:00 A.M.
Friday, November 22, 2002	3:00 P.M.-4:00 P.M.

PowerPoint Animations, Pt 1 & 2	**Large PC Lab**
Thursday, September 19, 2002	10:00 A.M.-12:00 P.M.
Friday, September 20, 2002	10:00 A.M.-12:00 P.M.

Scanning with Adobe Photoshop	**Small PC Lab**
Friday, September 13, 2002	9:00 A.M.-11:00 A.M.
Tuesday, October 15, 2002	9:00 A.M.-11:00 A.M.
Monday, November 4, 2002	2:00 P.M.-4:00 P.M.
Friday, December 6, 2002	9:00 A.M.-11:00 A.M.

Statistics for the Health Sciences	**Large PC Lab**
Friday, September 13, 2002	10:00 A.M.-11:00 A.M.
Friday, October 18, 2002	10:00 A.M.-11:00 A.M

NCBI Workshops for Bioinformatics Research Tools
The Eccles Library is also offering a series of workshops on NCBI (National Center for Biotechnology Information) resources for the bio-scientist. Nicola Gaedeke, Ph.D., Adjunct Assistant Librarian, will be teaching this series of classes. For more information and class descriptions visit our Helix Helper Web page at http://medlib.med.utah.edu/library/helixhelper/index.html or call Nicola at 801-587-3439 for more information.

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. For more information, class descriptions, instructor phone number, email address, and registration form, see the Eccles Library Web page at http://medlib.med.utah.edu/library/edumaterials/eduservices/libclasses.html or call 801-585-6744. **Please use the online registration form to register for classes.**

VPN Connection to University Internet Resources from Off Campus!

Mary McFarland, Reference Associate
Spencer S. Eccles Health Sciences Library

Do you telecommute? Do you access the University or libraries' restricted resources from home or on the road with your laptop? Or, maybe you're thinking about doing just that and have been hesitant to proceed? Then this article is for you. The libraries on campus offer a wealth of electronic information, from full text online journals and textbooks to full text and bibliographic databases. Many course materials are posted electronically, broadening access for students and faculty from off-campus, or home computers. Access to these licensed resources is through the University of Utah's computer network.

Current students, staff and faculty can now connect to University of Utah Internet resources from off campus via a Virtual Private Network or VPN. A VPN "provides a secure connection to a network through the Internet from a personal computer." You need the VPN client software on your computer, and your University of Utah Network ID (NID) in order to connect. The VPN client is not an Internet Service Provider (ISP), but the VPN client allows you to be recognized as a valid University of Utah affiliate for the Internet resources restricted to the University of Utah community. With the VPN client and your NID, your personal computer is located on campus—virtually! Whether you connect to the Internet by modem, cable or DSL, using the VPN client provides the greatest security and easy access to the University's network. The University of Utah VPN client is available for the following operating systems—Windows (Windows 9.x, ME, 2000, and XP), MAC (OS X Version 10.1.0 or later), Linux, and Solaris.

The previous remote access choices of dialing directly into the University's modem pool or connecting through the University's proxy server are still available. So why connect with a VPN? Because it's more secure—all data is encrypted. The VPN assigns a University of Utah IP address to your computer, not just your Web browser, so all your Internet transactions are encrypted. Although most of us use the Internet for email or to browse and find Web resources, there are other useful Internet protocols. FTP or File Transfer Protocol allows you to send files from one computer (or server) to another. Telnet allows you to communicate directly with another computer or server. By connecting to the University of Utah's computer network with the VPN, all your Internet transactions are encrypted and therefore more secure. The VPN also works with networks that are protected by firewalls. The proxy server doesn't function behind a firewall, but the VPN works well.

So what's the procedure to set up your VPN? Full instructions and links are on the library's **Remote Access** page located under the **Quick Links** menu on the Library's home page at http://medlib.med.utah.edu/. In general, the process is:

1) University of Utah affiliates complete an online form to obtain a campus NID.
2) The VPN Client requires a one-time download and installation onto your computer.
3) Connection to and disconnection from the University of Utah network is through the **VPN Dialer** icon, which prompts you for your campus NID and password. (You can place a shortcut icon to the VPN Dialer on your desktop.)

Questions regarding remote access can be directed the Eccles Library staff at 801-581-5534 or the Campus Help Desk at 801-581-4000.

Creating Interactive Web Animations with PowerPointXP

Instructor: Susan Roberts, KW Project Manager
Spencer S. Eccles Health Sciences Library,

Synopsis: This workshop will show you how to quickly and easily add simple and interactive animations (with or without sound) to your PowerPoint lectures for delivery offline or on the Web. By animating text, graphics, diagrams, charts and other objects on your slides you can add focus to the important points, control the flow of information and add interest to your presentation.

Topics to be covered: This workshop will be taught in two parts. In Part I, participants will become familiar the PowerPointXP animation environment and will gain hands-on experience animating text, charts and diagrams as well as learn how to apply basic animation effects to drawing objects. Part II of this workshop will cover the use of animation effects in more detail including the use of motion paths, animation timing, and transparency. The use of audio (sound and voice narration and video in combination with animation effects will also be covered.

Prerequisites: Basic familiarity with Microsoft PowerPoint and the use of a Web browser. This class will be offered as a Part 1 and Part 2 series, September 19 and 20 from 10:00 A.M. to noon. Call Susan Roberts at 801-581-3031 for more details.

WebCT: Support for Instructors

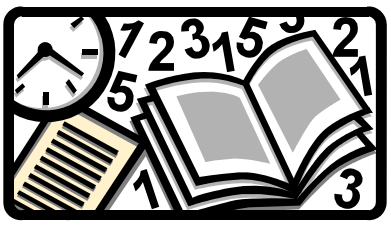
WebCT, or Web Couse Tools, is a web-based course management system. WebCT provides powerful tools for publishing course materials on the Web. Additional tools are available for course navigation, communication, testing, student tracking and more. Library faculty will be offering classes and one-on-one consultations to faculty wanting to learn how to use WebCT for course content and management. Please contact Jeanne Le Ber at 801-585-6744 or jeannele@lib.med.utah.edu for more information or to arrange for a consultation.

Eccles Library Journal Cancellations for 2003

The following Spencer S. Eccles Health Sciences Library journal titles have been slated for cancellation in 2003. High cost, high cost per use, low usage, and duplication with Marriott Library or other academic institutions in the state were the primary criteria used in this evaluation. Due to increased funding from the Health Sciences Center, we were able to reduce the list from $160,000 to approximately $25,000. Savings are slated for reinvestment in heavily requested online titles.

Statistics for online usage are unavailable from many publishers, so **IF YOUR PRIMARY USAGE OF ANY OF THESE TITLES IS ONLINE**, and you are concerned about its cancellation, **PLEASE** contact Mary Youngkin at 801-581-5534, maryy@lib.med.utah.edu by October 1, 2002. Titles can be re-instated. More in-depth information can be found on the library's ejournal page at http://medlib.med.utah.edu/library/eresources/ejournals.html

Journal Title	**Subscription Cost**
Abstracts in Social Gerontology	$395
Acta Neuropathologica	$3846
Basic Research in Cardiology (Official Journal of the German Cardiac Society)	$1116
Blood Cells Molecules & Diseases (formerly Blood Cells)	$624
Cellular Immunology	$3194
Critical Reviews in Bioengineering	$1080
Critical Reviews in Neurobiology	$423
Critical Reviews in Toxicology	$690
Current Opinion in Biotechnology (duplicate with Marriott)	$1338
Developmental & Comparative Immunology	$1635
International Pharmaceutical Abstracts	$804
Journal of Clinical Engineering	$281
Journal of Psychopathology & Behavioral Assessment (duplicate with Marriott)	$506
Journal of Receptor & Signal Transduction Research	$975
Learning Decisions Interactive Newsletter	$195
Legislative Network for Nurses	$297
Medical Microbiology & Immunology	$1104
NMR in Biomedicine	$1360
Nutrition Abstracts & Reviews (Marriott will add online subscription)	$1740
Proceedings of the National Academy of Sciences (Print will remain at Marriott. Online will continue)	$1110
Prostaglandins & Other Lipid Mediators	$1331
Tropical Diseases Bulletin	$650



Library Videoconferencing Services

With support from the Marriner S. Eccles Foundation, the Spencer S. Eccles Health Sciences Library is leading a project that will extend desktop videoconferencing services to the college and university libraries in the State of Utah. Each of the libraries will be provided with a Polycom VidVideo desktop videocamera with integrated microphone and speaker. The software that is employed by the cameras is an enhancement to the NetMeeting software developed by Microsoft and supports filesharing, chat, videomail in addition to voice and video. The project will provide funding to upgrade the video bridge that is managed by the Utah Telehealth Network **(http://www.utahtelehealth.net/)** to support up to 24 participants in a videoconference or in a class. The camera is available for checkout and use in the library for library patrons that wish to participate in a point-to-point conference or a multi-site conference.

Library Director Wayne Peay "conferencing" with colleagues in remote parts of Utah.

Please contact Nancy Lombardo at 801-581-5241 or email at nancyl@lib.med.utah.edu if you are interested in learning more about this technology or to schedule a demonstration.

IAIMS Newsletter *Deadline and Mailing List*

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)
Assistant Editor: Bonnie Fox (bfox@lib.med.utah.edu)

The deadline for the Fall 2002 issue of the *IAIMS Newsletter* is Monday, January 6, 2003.

The *IAIMS Newsletter* is available electronically at **http://medlib.med.utah.edu/library/edumaterials/iaims/iaims.html**

To receive a copy of the electronic version in PDF format, send an email message to: maiser@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5890
VOICE: 801-585-6744; FAX: 801-581-3632
EMAIL: jeannele@lib.med.utah.edu

UNIVERSITY OF UTAH
ECCLES HEALTH SCIENCES LIBRARY
10 N 1900 E
SALT LAKE CITY UT 84112-5890

Non-Profit Organization
U.S. Postage Paid
Salt Lake City, Utah
Permit Number 1529

The Spencer S. Eccles Health Sciences Library
Fall Semester 2002 Hours

Hours are subject to change—Call 801-581-8773 for current hours

August 19 to December 13, 2002

Monday to Thursday	7:00 A.M-11:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-8:00 P.M.
Sunday	11:00 A.M-11:00 P.M.

Special hours: Thanksgiving

Wednesday, November 27, 2002	7:00 A.M-8:00 P.M.
Thursday, November 28, 2002	CLOSED
Friday, November 29, 2002	8:00 A.M-5:00 P.M.

Extended Hours for Exams

Friday, December 6, 2002	7:00 A.M-11:00 P.M.
Saturday, December 7, 2002	9:00 A.M-11:00 P.M.
Sunday, December 8, 2002	11:00 A.M-11:00 P.M.

Fall Semester Break December 14, 2002 to January 5, 2003

Monday to Friday	8:00 A.M-5:00 P.M.
Saturday	9:00 A.M-6:00 P.M.
Sunday	Closed.
Christmas, December 25, 2002	Closed
New Year Day, January 1, 2002	Closed

Regular Spring Semester hours begin Monday, January 6, 2003

Phone Numbers

Acquisitions	801-587-9247
Administration	801-581-8771
Hours/Renewals	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4685
Gifts to Library	801-587-9247
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Media Services	801-581-8052
Outreach	801-587-3493
Regional Medical Library	800-338-7657
	801-587-3412
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

The *IAIMS Newsletter* is published 3 times a year (August, January, May), with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah
Editor: Jeanne Le Ber
Phone: 801-585-6744
Fax: 801-581-3632
Email: jeannele@lib.med.utah.edu
URL: http://medlib.med.utah.edu/

NEWSLETTER

JANUARY 1996
VOLUME 11
NUMBER 4

UNIVERSITY OF UTAH HEALTH SCIENCES CENTER • PUBLISHED BY THE SPENCER S. ECCLES HEALTH SCIENCES LIBRARY• UNIV. OF UTAH • BLDG. 589 • SALT LAKE CITY, UTAH, 84112• PHONE: (801) 581-5269•FAX: (801)581-3632•EDITOR: JOAN M. GREGORY • INTERNET: JOANG@ECCLAB. MED.UTAH.EDU •LIBRARY SERVICES NEWS EDITOR: JEANNE M. Le BER• COPY EDITOR: JEFF SEAMAN

MC/SCUG

Medical Center / Small Computer Users Group

Wednesday, January 3, 1996
NOON
JAVA: the Programming Language for the Internet

Jo Ann Funseth
System Engineer, Sun Microsystems

JAVA is the first programming language designed to meet the challenges of application development for the Internet. When integrated into Web pages, JAVA applets allow expert graphics rendering, real-time interaction with users, live information updating and instant interaction with servers. Come learn why the Web is so excited about JAVA and its capabilities. Challenge yourself to consider how you might incorporate JAVA applets into your Web pages or use Web resources developed with JAVA.

Be sure to come with your questions, your lunch and your friends to the next MC/SCUG meeting, Wednesday, January 3, 1996 at NOON in Classroom C, School of Medicine Building.

ABOUT THE MEDICAL CENTER SMALL COMPUTER USERS GROUP

MC/SCUG is an informal group of computer users who enjoy keeping informed about the latest developments in computer applications of all types. Monthly presentations focus on current topics of interest. There is no membership fee. You are welcome whenever you are able to come. MC/SCUG meetings are held on the first Wednesday of the month (except during the Summer Quarter) in Classroom C, School of Medicine Building. If you would like more information about MC/SCUG or if you would like to suggest a topic for a MC/SCUG meeting, please contact Joan M. Gregory, Coordinator, MC/SCUG, Spencer S. Eccles Health Sciences Library, (801) 581-5269, INTERNET: joang@ecclab.med.utah.edu. If you are interested in receiving e-mail notification of future MC/SCUG meetings, send an e-mail message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe MCSCUG**

IN THIS ISSUE

MC/SCUG Meeting 1
Computer-Based Learning Discussion Group 2
Internet Basics: Yahoo! 2-4
Library Services News: News from the Stacks, Eccles Library Hours 4-5
Eccles Library Classes 6-10
Announcing InfoFair '96: Becoming Digital 10-11
UUCC Internet Seminars 11-12
UUCC Short Courses 12-14
Marriott Library Short Courses 14-16
Internet Basics: Configuring *Netscape 2.0b3* for FTP 17
Internet Resources: Nursing Resources 18-19
Outreach Services: *Grateful Med/Loansome Doc* Subheadings 20-22
IAIMS Newsletter Deadline and Mailing List 23

COMPUTER-BASED LEARNING DISCUSSION GROUP

New Multimedia Support Services at Eccles Health Sciences Library

Thursday,
January 11, 1996
NOON - 1:00 pm
History of Medicine
Room, Eccles Library

The Spencer S. Eccles Health Sciences Library recently received funding from the National Library of Medicine to create a Multimedia Support Center for health sciences education. The grant provides funding to create an online Multimedia Library consisting of important multimedia events, including digitized photographs, clip art, sounds, full-motion digitized video, case studies, and textual information. These multimedia events will be available on the Internet through the World Wide Web. The Multimedia Library will serve as a databank of accumulated faculty expertise which can then be transformed into new knowledge structures appropriate to individual teaching styles. Principal investigators for the grant are Sharon Dennis, Assistant Librarian, Computer and Media Services at Eccles Health Sciences Library, and Paul Burrows, Multimedia and Video Producer/Director at KUED Media Solutions. Team members include instructional designers, graphics artists, video production artists, and programmers.

What can the new multimedia support services at Eccles Health Sciences Library do for you? If you have an idea for creating resources for health sciences education, or if you would like to learn more about possibilities for using new media to support health sciences education, come to the next meeting of the Computer-Based Learning Discussion Group, on January 11, 1996 from NOON - 1 pm in the History of Medicine Room at the Eccles Health Sciences Library. Sharon Dennis and Paul Burrows will discuss the goals of the Multimedia Support Center and grant team members will be on hand to answer questions.

For more information, contact Sharon E. Dennis at (801) 585-3928, or via electronic mail: sdennis@ecclab.med.utah.edu.

INTERNET BASICS

Finding Information On The Internet: Yahoo!

by
Nancy T. Lombardo,
Affiliate Librarian,
Spencer S. Eccles
Health Sciences
Library

As the Internet grows exponentially in scope, it becomes increasingly important for users to take advantage of the search tools available. There are many sites providing excellent navigational aids on the Internet today. This series of articles will highlight some of the more useful sites we've found The first site we will review is **Yahoo!**

What is Yahoo?
Yahoo is a searchable, browsable subject oriented index of Internet information. It began as the project of two Stanford University graduate students, David Filo and Jerry Yang, but became so popular as an Internet search tool that it is now a privately funded company. Yahoo provides a hierarchical menu of major subject

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categories for browsing Internet resources and also allows keyword searching of the **Yahoo!** database.

Browsing Yahoo!
If you just want to "surf" around to see what's on the Internet, Yahoo! is a great place to start. If you are using *Netscape* as your World Wide Web Browser, you can easily get to Yahoo! by clicking on the Net Directory Button at the top of the *Netscape* window.

From that page, just click on YAHOO DIRECTORY or any topic you want to browse and you're on your way! If you are not using *Netscape,* use the Open Location or Open URL feature of your browser to go to: **http://www.yahoo.com/**

From Yahoo!'s main page, you'll find links to each of the Yahoo! Features: What's New, What's Cool, What's Popular, and Random Link, which takes you to a randomly selected site on the Web. The latest news Headlines are provided by Reuters news service and are updated hourly!

Navigating Yahoo! Menus
Throughout Yahoo!, categories are marked in bold text. To move down into the subject hierarchy, simply click on a category name and the next level of menus will be displayed. These are the top level subject categories today:

Arts - - Humanities, Photography, Architecture, ...
Business and Economy [Xtra!] - - Directory, Investments, Classifieds, ...
Computers and Internet - - Internet, WWW, Software, Multimedia, ...
Education - - Universities, K-12, Courses, ...
Entertainment [Xtra!] - - TV, Movies, Music, Magazines, Books, ...
Government - - Politics [Xtra!], Agencies, Law, Military, ...
Health - - Medicine, Drugs, Diseases, Fitness, ...
News [Xtra!] - - World [Xtra!], Daily, Current Events, ...
Recreation - - Sports [Xtra!], Games, Travel, Autos, ...
Reference - - Libraries, Dictionaries, Phone Numbers, ...
Regional - - Countries, Regions, U.S. States, ...
Science - - CS, Biology, Astronomy, Engineering, ...
Social Science - - Anthropology, Sociology, Economics, ...
Society and Culture - - People, Environment, Religion, ...

Searching Yahoo!
If you're looking for information on a specific topic, try using Yahoo! search. Specify a keyword or set of keywords by typing them into the box in front of the Search Button.

Yahoo! will search its entire database (not the entire Internet) to find listings that match the words you enter. You'll find a search box or search button at the top of

INTERNET BASICS

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every Yahoo! page. Unless you specify otherwise, Yahoo! will search titles, URLs, and comments to find listings that contain all of your keywords. If you want to customize your search, click on the Options link just to the right of the Search Button and you'll find several options you can select.

Yahoo! Search Results
Yahoo! searches retrieve different kinds of information, including Yahoo! categories that match your keywords, sites that match your keywords, and the Yahoo! categories where those sites are listed. This way, you can click on any link to go directly to retrieved sites, or browse around relevant Yahoo! categories for related information. If you are not satisfied with the results you retrieve from the Yahoo! database, click on one of the **Other Search Engine** links. Yahoo! will automatically initiate a search with your keywords in that search engine. Different search engines retrieve different results, so this may bring you more sites.

LIBRARY SERVICES NEWS

News From The Stacks

by
Amy Mortensen,
Stacks Manager,
Spencer S. Eccles
Health Sciences
Library

Where are the 1989 journals?
The 1989 bound journals have been shifted downstairs to make room for the incoming 1996 issues. As always, if the issue you need is not located in the proper place, ask at the Circulation Desk. We will place a search on it and contact you when it is found.

Plea bargaining available for those who have overdue books!
I have always been notorious for not returning library books on time, and now it is my job (and my penance) to bill those people who have books that are extremely overdue. Therefore, I am open to plea bargaining, but I must also ensure that everyone has equal access to materials within the library.

What follows are the Eccles Library checkout policies and renewal procedures. The purpose of these policies and procedures is to ensure that library materials are returned for others to use. Should you have questions, suggestions, or a plea, contact Amy Mortensen at (801)581-8772 or by e-mail: amortensen@ecclab.med.utah.edu.

Eccles Library Checkout Policies and Fine Schedule
The Eccles Library applies checkout policies equally to University of Utah

LIBRARY SERVICES NEWS

News From The Stacks

by
Amy Mortensen,
Stacks Manager,
Spencer S. Eccles Health Sciences Library

students, staff, and faculty. Library permit card holders, and students, staff and faculty from other Utah universities or colleges may check out books, theses and documents, but not journals.

Material Type	Loan Period	Fine	
Books, theses, and documents	2 week loan period. 2 renewals allowed.	1-7 days overdue After 7th day Maximum fine	No fine $.25/day $10.00
Bound Journals	3 day loan period. No renewals allowed.	1 day overdue After one day Maximum fine	No fine $1.00/day $25.00
Open or Closed Reserve	Overnight loan: Check out 2 hours before closing; due 1 hour after the library opens the following day.	1 hour overdue After one hour Maximum fine	No fine $1.00/hour $25.00
Recalls	Items requested by another borrower will not be recalled until they are overdue.	1-3 days overdue After 3 days Maximum fine	No fine $1.00/day $25.00

Renewals
You may renew books up to one week after they are due, as long as they have not been requested by another borrower. You may renew books in person or by phone at (801)581-8772. The assistant will need only your name and social security number.

Billing
Reminder notices are sent during the first 30 days that materials are overdue. After thirty days, we will call to request that item(s) be returned. Once library materials are sixty days overdue, you will be billed for the replacement cost of the material(s), the maximum fine, plus a $5.00 invoice fee.

LIBRARY SERVICES NEWS

Eccles Library Hours, Winter 1996

Winter Quarter Hours:

Monday - Thursday	7:00AM - 11:00PM
Friday	7:00AM - 8:00PM
Saturday	9:00AM - 8:00PM
Sunday	11:00AM - 11:00PM

The Spencer S. Eccles Health Sciences Library will be open regular hours on all holidays during Winter Quarter.

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

Sessions are FREE unless otherwise indicated.

Classes for which a fee is charged require payment in advance to reserve your place in the class.

Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

The workshops and classes described below are presented on a regular basis by the faculty of the Spencer S. Eccles Health Sciences Library. Schedules are printed in the October, January, April and June issues of the *IAIMS Newsletter*. The Winter Quarter 1996 schedule is printed below. The schedule is also available electronically via the Library's Web site: **http://www-medlib.med.utah.edu/ education/workshop.html**. Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

Sessions are FREE unless a charge is indicated. Classes for which a fee is charged require payment in advance to reserve a place in the class. Registration is on a first-come/first-served basis. **Please fill in the registration form below and return it to the library with your payment.** A postcard will be sent to confirm your registration. If for any reason you need to cancel, please call at least 48 hours in advance. Refunds will only be issued with 48 hours notice. Phone registration will be accepted only for classes that do not have a fee. To register for one of the free classes or for more information, call (801) 581-5534.

LOCATION: Computer Classrooms, Lower Level, Eccles Library (unless otherwise indicated).

Workshops and Classes Registration Form

Spencer S. Eccles Health Sciences Library
Bldg 589 / University of Utah / Salt Lake City, UT 84112

Please fill in the following information completely and return to the above address. Registration for classes is accepted by mail or in-person, and is on a first come/first served basis. Payment must accompany registration. Your registration will be confirmed by mail. Make check payable to: Eccles Library.

Name: _____ Phone: (w) _____ Phone: (h) _____

Address: _____

City/St/Zip: _____

Class name: _____

Class date: _____ Class time: _____ Cost of class: _____

o Yes! Send me a UU parking day pass for $2.50 Cost of parking: _____

Total enclosed: _____

Tours and Orientations

Tours and orientations are conducted to familiarize faculty, staff and students with library resources and services. Brief tours introduce users to information sources and location of library materials, and present an overview of available services. Detailed instruction in the use of compact disc databases, subject-specific sources, and other reference sources can be arranged. Contact instructor to arrange for a tour or orientation. Instructor: Jeanne M. Le Ber; (801) 581-5534; INTERNET: jeannele@ecclab.med.utah.edu.

Introduction to CD–ROM Databases

Participants learn the basic mechanisms for searching CD-ROM databases that

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are available at the Eccles Library. Databases include: Aidsline, Bioethicsline, CINAHL (Nursing & Allied Health Literature), HealthPlan, MEDLINE, Sport Discus, TOXLINE and PsycLIT. Arrangements can be made for a date and time that better suits your schedule. Instructors: Jeanne M. Le Ber; (801) 581-5534; INTERNET: jeannele@ecclab.med.utah.edu, or Patricia Arter; (801) 581-4686; INTERNET: parter@ecclab.med.utah.edu

Thursday, January 4, 1996	10:00 am - 11:00 am
Friday, January 12, 1996	1:30 pm - 2:30 pm
Tuesday, January 16, 1996	11:30 am - 12:30 pm
Friday, January 26, 1996	1:30 pm - 2:30 pm
Thursday, February 8, 1996	12:30 pm - 1:30 pm
Thursday, February 22, 1996	3:00 pm - 4:00 pm
Friday, March 1, 1996	1:30 pm - 2:30 pm
Friday, March 8, 1996	1:30 pm - 2:30 pm

Basics of Searching MEDLINE on SilverPlatter CD-ROM

Designed as a follow -up to the introductory CD-ROM class, this 2.5 hour hands-on session gives a more in-depth look at the MEDLINE database via SilverPlatter software, including utilization of Medical Subject Headings, improving search efficiency, and the application of quality filters. Hands-on experience with both DOS and Windows versions provided. Free to students; $15 for all others. Instructor: Mary E. Youngkin; (801) 581-5534; INTERNET: maryy@ecclab.med.utah.edu

Thursday, January 11, 1996 10:00 am - 12:30 pm

MEDLINE via WinSPIRS and WebSPIRS

If you've moved from DOS to Windows or the WEB, try this 2.5 hour hands-on class in searching MEDLINE via SilverPlatter's Windows software, WinSPIRS, and their World Wide Web software, WebSPIRS. Previous experience with SilverPlatter MEDLINE and *Netscape* recommended. Free to students, $15 for all others. Instructor: Mary E. Youngkin, (801) 581-5534; INTERNET: maryy@ecclab.med.utah.edu

Thursday, February 15, 1996 3:00 pm - 5:30 pm

Basics of Searching MEDLINE on the NLM System

Participants learn the basics of searching MEDLINE online on the NLM system in this 8-hour, hands-on class, taught in two 4-hour segments. MeSH vocabulary and search strategy, as well as NLM online search protocols are included. $30 for U of U students, staff and faculty; $50 for all others. Contact the instructors to arrange for a class. Instructors: Mary E. Youngkin; (801) 581-5534; INTERNET: maryy@ecclab.med.utah.edu, or Nina E. Dougherty, (801) 581-8771; INTERNET: nina.dougherty@m.cc.utah.edu

Grateful Med

Grateful Med is the National Library of Medicine's searching software for accessing the MEDLARS databases in either an IBM compatible or Macintosh

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

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Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

environment. Contact the instructor to arrange for a class. Instructor: Kathleen M. McCloskey; (801) 585-5743; INTERNET: kmc@ecclab.med.utah.edu.

Internet Overview

Location: Eccles Library, History of Medicine Room

This 3 hour demonstration-only class is designed to give you a basic overview of the Internet. The class will cover the history and development of the net, methods of accessing the Internet, an introduction to the basic tools, (including E-mail, Telnet, FTP, News, Gopher, and World Wide Web) and exploration of Internet resources. Recommended as a prerequisite for hands-on Internet classes. No registration required. Instructors: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu, or Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu.

Wednesday, January 17, 1996 9:00 am - NOON

Communicating on the Internet

Internet communication tools allow you to communicate with people in the next room as easily as with people all over the world. This course examines the major Internet communication tools which include electronic mail, electronic discussion groups, and newsgroups. Participants get hands-on practice and can compare the features of the various tools. The *Eudora* e-mail package and the *Netscape* newsreader are the software tools used. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu, or Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu.

Wednesday, January 31, 1996 PC 9:00 am - 11:30 am

Finding Information on the Internet

Learn how to search for the information you need on the Internet using *Netscape*. This class explains how to navigate the Internet using *Netscape* and offers instruction and hands-on practice in how to use YAHOO, WebCrawler, Veronica, Jughead, Archie and other Internet searching tools to find the Internet resources you need. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu, or Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu.

Wednesday, February 14, 1996 PC 9:00 am - NOON

Providing Information on the Internet (HTML)

Learn how to create documents to be served over the World Wide Web using the HyperText Markup Language (HTML). This course will cover the basics of HTML coding as well as good document design practices. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructor: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy

ECCLES LIBRARY CLASSES

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Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu, or Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu.

Tuesday, February 20, 1996	MAC	9:00 am - NOON
Tuesday, February 27, 1996	PC	9:00 am - NOON

Creating Educational Presentations Using *PowerPoint*

Learn how to use *PowerPoint 4.0* to create slide presentations on the computer. This course will cover basics of *PowerPoint*, good design practices, and techniques for using multimedia in your *PowerPoint* presentations. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu

Tuesday, March 5, 1996	9:00 am - NOON

Bibliographic Management

Learn to manage your reprint files and create properly formatted bibliographies for your publications using either *Papyrus* or *EndNote*. Instructor: Jeanne M. Le Ber; (801) 581-5534; INTERNET: jeannele@ecclab.med.utah.edu.

***EndNote* for the Macintosh**

Wednesday, February 28, 1996	3:00 pm - 5:00 pm

***Papyrus* for the PC**

Monday, March 4, 1996	3:00 pm - 5:00 pm

Using the National Center for Health Statistics Data Tapes

The National Center for Health Statistics is a central source of health-related data in the U.S.A. Learn to access the NCHS data tapes at the University of Utah. Contact the instructor to arrange for a class. Instructor: Dr. Mike Lincoln; (801) 581-4080; INTERNET: mlincoln@msscc.med.utah.edu.

Medical Center/Small Computer Users Group

Location: Classroom C, School of Medicine Building

MC/SCUG is an informal group of computer users who enjoy keeping informed about the latest developments in computer applications of all types. Monthly presentations focus on current topics of interest. No registration required. Coordinator: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu.

Wednesday, January 3, 1996	NOON - 1:00 pm
Wednesday, February 7, 1996	NOON - 1:00 pm
Wednesday, March 6, 1996	NOON - 1:00 pm
Wednesday, May 1, 1996	NOON - 1:00 pm
Wednesday, June 5, 1996	NOON - 1:00 pm

Computer-Based Learning Discussion Group

Location: History of Medicine Room, Eccles Library

The purpose of the group is to share information about developing and evaluating

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

computer-based learning as well as curriculum integration issues. Coordinator: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu.

Thursday, January 11, 1996	NOON - 1:00 pm
Thursday, February 8, 1996	NOON - 1:00 pm
Thursday, March 14, 1996	NOON - 1:00 pm

INFOFAIR '96: Becoming Digital

Location: Lower Level, Eccles Library

InfoFair is an annual computer and information fair providing an opportunity for health professionals to obtain up-to-date information on computer applications, resources and services and a glimpse into the future of computers and information technology in the health sciences. **REGISTRATION INFORMATION for INFOFAIR '96 WORKSHOPS will be printed in the February 1996 issue of the *IAIMS Newsletter*.** Coordinator: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab. med.utah.edu.

Thursday, April 11, 1996 9:30 am - 4:30 pm

ANNOUNCING INFOFAIR '96

Becoming Digital

Thursday, April 11, 1996

CALL FOR EXHIBITORS DEADLINE: January 15, 1996

InfoFair is an annual computer and information fair providing an opportunity for health professionals to obtain up-to-date information on computer applications, resources and services and a glimpse into the future of computers and information technology in the health sciences. **REGISTRATION INFORMATION for INFOFAIR '96 WORKSHOPS will be printed in the February 1996 issue of the *IAIMS Newsletter*.** Coordinator: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab. med.utah.edu.

Thursday, April 11, 1996 9:30 am - 4:30 pm

InfoFair is an annual computer and information event at the University of Utah Health Sciences Center with the goal of providing an opportunity for health professionals at the University of Utah and throughout the state to obtain up-to-date information on computer applications, resources and services and a glimpse into the future of computers and information technology in the health sciences. **InfoFair '96** (Thursday, April 11, 1996), a full-day event, will include presentations, exhibits and workshops focused on the theme: **Becoming Digital**.

The challenge to "become digital" is ever present at the University of Utah Health Sciences Center as the colleges, the hospital and the library attempt to provide access to health sciences information and services for faculty, staff and students at the University of Utah as well as for practicing health care professionals throughout the state. Whether the information be patient records, drug information, MEDLINE citations, full text of journal articles and technical reports, or support for medical decision making, the challenge to make all this information available electronically requires planning, funding, sophisticated computer technology, expert technical support and continuous maintenance. InfoFair '96 will attempt to address where we are today and where we want to be in the future as we "become digital."

ANNOUNCING INFOFAIR '96

Becoming Digital

Thursday, April 11, 1996

CALL FOR EXHIBITORS DEADLINE: January 15, 1996

InfoFair '96 exhibits will focus on the theme: **Becoming Digital**. If you are interested in demonstrating or exhibiting a program or application which you have developed or if you would like to recommend a particular program or vendor for inclusion in the exhibit area or in the workshop or demonstration schedule, or if you would just like more information about InfoFair, contact: Joan M. Gregory, Coordinator, InfoFair, Spencer S. Eccles Health Sciences Library. PHONE: (801) 581-5269. FAX: (801) 581-3632 INTERNET: joang@ecclab.med.utah.edu.

The **DEADLINE** for Exhibitor/Demonstrator Pre-Registration is: **January 15, 1996**. NOTE: InfoFair '96 exhibits must focus on the theme: **Becoming Digital**. If your company or department would like to have an exhibit or demonstration at InfoFair '96, please send the following pre-registration information to: Joan M. Gregory, Coordinator, InfoFair, Spencer S. Eccles Health Sciences Library. PHONE: (801) 581-5269. FAX: (801) 581-3632 INTERNET: joang@ecclab.med.utah.edu.

NAME: _____

DEPARTMENT: _____

COMPANY/INSTITUTION: _____

ADDRESS: _____

_____

PHONE: _____ FAX: _____

ELECTRONIC MAIL ADDRESS: _____

TOPIC/FOCUS OF YOUR EXHIBIT: _____

_____

UUCC INTERNET SEMINARS

Winter 1996

All classes start at NOON in Room 3465 MEB unless otherwise indicated.

The University of Utah Computer Center offers **FREE** Internet Seminars for students, faculty and staff of the University of Utah. No preregistration is required, but seating is limited. Information is not specific to any particular platform, unless indicated. Each seminar includes a lecture on the indicated topic, followed by hands-on experience and/or questions on any topic. Seating is first come, first served. All classes start at NOON. In 3465 MEB, unless otherwise indicated.

Our electronic version of this is available via the University of Utah web site: **http://www.utah.edu/HTML_Docs/Schedules/comp_cal.html**. For further information, contact Jay Deuel, Computer Center, (801) 581-8343, Internet: jay@cc.utah.edu or the Computer Center Help Line at (801) 585-4357 (585-HELP).

Survey of MS PowerPoint	January 8, 1996
Internet History, Jargon & Etiquette	January 9, 1996
Survey of MS Word 6	January 10, 1996

UUCC INTERNET SEMINARS

Winter 1996

All classes start at NOON in Room 3465 MEB unless otherwise indicated.

E-Mail: Basics	January 11, 1996
Survey of MS Photoshop	January 16, 1996
Macintosh Tips	January 17, 1996
E-Mail: using PINE	January 18, 1996
Survey of Windows 95	January 22, 1996
Modem Dialup & SLIP	January 23, 1996
Survey of HyperCard (Macintosh)	January 24, 1996
E-Mail: using Eudora (Macintosh)	January 25, 1996
Gopher - Jughead & Veronica	January 29, 1996
Transfering Files with a Modem	January 30, 1996
News Groups	January 31, 1996
E-Mail: using Pegasus (Windows) (304B Marriott)	February 1, 1996
World-Wide Web	February 5, 1996
The "Internet Client Kit" (Windows)	February 6, 1996
Netscape Navigator & URLs	February 7, 1996
Computerized Periodical Indexes	February 8, 1996
Creating WWW Home Pages (Documents, Graphics, Sound, etc.)	February 12, 1996
Archie & FTP	February 13, 1996
HTML Introduction	February 14, 1996
First Search (Library Catalogs and Indexes)	February 15, 1996
Basic UNIX Commands	February 20, 1996
HTML Tips	February 21, 1996
COMPENDEX, METADEX & INSPEC (Engineering Periodical Indexes)	February 22, 1996
Excel (part 1)	February 26, 1996
Excel (part 2)	February 27, 1996
Excel (part 3)	February 28, 1996
Excel (part 4)	March 1, 1996
Creating a Web Server	March 4, 1996
CGI Programming	March 5, 1996
E-Mail: Basics	March 6, 1996
CGI & HTML Forms	March 7, 1996

UUCC SHORT COURSES

Registration Information

The University of Utah Computer Center (UUCC) offers a variety of short courses. Register **IN PERSON** at the facility where the course is scheduled to be taught. Courses are free to registered students. A fee of $15 per course is charged for staff, faculty and their spouses. The fee for non-University of Utah participants is $50 per session. Courses are offered at the Computer Center (801) 581-6802, Marriott Library (801) 581-6494, and the Spencer S. Eccles Health Sciences Library (801) 581-8052. Courses may be cancelled unless there are at least 5 people registered 2 hours before class time or if there are fewer than 5 in attendance at class time. [Classes at Eccles Library are highlighted in **bold** type.]

UUCC MAC SHORT COURSES

Winter 1996

Registration Information on page 12.

Macintosh Classes

304A Marriott Library
3465 Merrill Engineering Building
Mac Lab, Lower Level, Eccles Library

Introduction To The Mac	1/9/96	9:55am-11:50am	3465 MEB
Introduction To The Mac	1/17/96	2:15pm-4:10pm	3465 MEB
Introduction To The Mac	1/23/96	9:55am-11:50am	3465 MEB
Introduction To The Mac	1/29/96	9:55am-11:50am	304A Marriott
Introduction To The Mac	2/7/96	2:15pm-4:10pm	304A Marriott
Introduction To The Mac	2/13/96	9:55am-11:50am	304A Marriott
MS Word 5.1 (part 1)	1/9/96	9:55am-11:50am	304A Marriott
MS Word 5.1 (part 1)	**2/5/96**	**9:00am-11:00am**	**Eccles Library**
MS Word 5.1 (part 1)	2/12/96	2:15pm-4:10pm	304A Marriott
MS Word 5.1 (part 2)	1/11/96	9:55am-11:50am	304A Marriott
MS Word 5.1 (part 2)	**2/6/96**	**9:00am-11:00am**	**Eccles Library**
MS Word 5.1 (part 2)	2/14/96	2:15pm-4:10pm	304A Marriott
Moving To MS Word 6.0	1/24/96	2:15pm-4:10pm	3465 MEB
MS Word 6.0 (part 1)	1/25/96	9:55am-11:50am	3465 MEB
MS Word 6.0 (part 2)	1/30/96	9:55am-11:50am	3465 MEB
MS Word 6.0 (part 3)	2/1/96	9:55am-11:50am	3465 MEB
Claris Works (Word Processing)	1/11/96	9:55am-11:50am	3465 MEB
Claris Works (Graphics)	1/16/96	9:55am-11:50am	3465 MEB
Claris Works (Spreadsheet & Database)	1/18/96	9:55am-11:50am	3465 MEB
Spreadsheets with Excel (part 1)	**1/23/96**	**9:00am-11:00am**	**Eccles Library**
Spreadsheets with Excel (part 1)	2/13/96	9:55am-11:50am	3465 MEB
Spreadsheets with Excel (part 2)	**1/25/96**	**9:00am-11:00am**	**Eccles Library**
Spreadsheets with Excel (part 2)	2/15/96	9:55am-11:50am	3465 MEB
Scanning Text & Images	2/5/96	2:15pm-4:10pm	3465 MEB
Databases with FileMaker Pro	2/6/96	9:55am-11:50am	3465 MEB
PowerPoint	2/8/96	9:55am-11:50am	3465 MEB
Photoshop (part 1)	2/20/96	9:55am-11:50am	3465 MEB
Photoshop (part 2)	2/22/96	9:55am-11:50am	3465 MEB

UUCC PC (WINDOWS) SHORT COURSES

Winter 1996

Registration Information on page 12.

PC (WINDOWS) Classes

304B Marriott Library
PC Lab, Lower Level, Eccles Library

Introduction To The PC	1/9/96	9:55am-11:50am	304B Marriott
Introduction To The PC	1/16/96	7:00pm-9:00pm	304B Marriott
Introduction To The PC	**1/29/96**	**9:00am-11:00am**	**Eccles Library**
Windows Introduction	1/9/96	2:15pm-4:10pm	304B Marriott
Windows Introduction	1/11/96	9:55am-11:50am	304B Marriott
Windows Introduction	1/23/96	7:00pm-9:00pm	304B Marriott
Windows Introduction	**2/5/96**	**9:00am-11:00am**	**Eccles Library**
WordPerfect Introduction	1/11/96	2:15pm-4:10pm	304B Marriott
WordPerfect Introduction	1/30/96	7:00pm-9:00pm	304B Marriott
WordPerfect Editing	1/16/96	2:15pm-4:10pm	304B Marriott

UUCC PC (WINDOWS) SHORT COURSES

Winter 1996

Registration Information on page 12.

WordPerfect Editing	2/6/96	7:00pm-9:00pm	304B Marriott
WordPerfect Format	1/18/96	2:15pm-4:10pm	304B Marriott
WordPerfect Format	2/13/96	7:00pm-9:00pm	304B Marriott
WordPerfect Graphics	1/23/96	2:15pm-4:10pm	304B Marriott
WordPerfect Graphics	2/20/96	7:00pm-9:00pm	304B Marriott
WordPerfect Tools	1/25/96	2:15pm-4:10pm	304B Marriott
MS Word (part 1)	1/16/96	9:55am-11:50am	304B Marriott
MS Word (part 2)	1/18/96	9:55am-11:50am	304B Marriott
MS Word (part 3)	1/23/96	9:55am-11:50am	304B Marriott
Spreadsheets (part 1)	**1/30/96**	**9:00am-11:00am**	**Eccles Library**
Spreadsheets (part 2)	2/1/96	9:00am-11:00am	304B Marriott
Graphics Introduction	1/30/96	2:15pm-4:10pm	304B Marriott
Presentation Graphics	2/1/96	2:15pm-4:10pm	304B Marriott
PowerPoint	1/31/96	2:15pm-4:10pm	304B Marriott

UUCC PC (DOS) SHORT COURSES

Winter 1996

Registration Information on page 12.

PC (DOS) Classes

304B Marriott Library

Introduction To The PC	1/10/96	7:00pm-9:00pm	304B Marriott
Introduction To The PC	2/6/96	9:55am-11:50am	304B Marriott
Introduction To The PC	2/8/96	2:15pm-4:10pm	304B Marriott
DOS Introduction	1/17/96	7:00pm-9:00pm	304B Marriott
DOS Introduction	2/15/96	2:15pm-4:10pm	304B Marriott
DOS Commands	1/24/96	7:00pm-9:00pm	304B Marriott
DOS Commands	2/22/96	2:15pm-4:10pm	304B Marriott
WordPerfect Introduction	2/8/96	9:55am-11:50am	304B Marriott
WordPerfect Editing	2/13/96	9:55am-11:50am	304B Marriott
WordPerfect Format	2/15/96	9:55am-11:50am	304B Marriott

MARRIOTT LIBRARY SHORT COURSES

Winter 1996

Marriott Library offers short courses on the use of electronic databases (including Lexis/Nexis, FirstSearch, UMI Periodical Abstracts and InfoTrac), Internet tools (such as Listservs, Newsgroups, Telnet, Archie and FTP, Gopher, and the World Wide Web) and electronic sources in various subject areas. All short courses are one hour in length and are held in Room 464 of the Marriott Library unless otherwise noted.

The Winter 1996 schedule is printed here but is also available via Marriott Library's web site **http://www.lib.utah.edu/instruction/schedwint96.html** For further information, contact Kenning Arlitsch, Technology Instruction Librarian, (801) 585-3721, INTERNET: karlitsc@alexandria.lib.utah.edu

MARRIOTT LIBRARY SHORT COURSES

Winter 1996

MAGAZINE AND NEWSPAPER INDEXES

Basic Search Strategies (Search skills for all databases)
January 17, 1996 (Wednesday) 10 am
February 14, 1996 (Wednesday) NOON

UNIS (Marriott's Online Catalog)
January 8, 1996 (Monday) 10 am
January 24, 1996 (Wednesday) 3 pm
February 6, 1996 (Tuesday) 1 pm

InfoTrac CD-ROM Databases (Our most popular indexes)
January 9, 1996 (Tuesday) 1 pm
January 31, 1996 (Wednesday) 4 pm
February 14, 1996 (Wednesday) 2 pm

UMI Periodical Abstracts (Full-image printable articles)
January 26, 1996 (Friday) 10 am
February 15, 1996 (Thursday) NOON

Salt Lake Newspapers Online (Tribune & Deseret News via Internet)
January 25, 1996 (Thursday) 4 pm
February 7, 1996 (Wednesday) NOON

Social Work Abstracts
February 7, 1996 (Wednesday) 10 am
February 26, 1996 (Monday) 1 pm

PsycLit (Psychology-related literature)
February 12, 1996 (Monday) 1 pm
February 28, 1996 (Wednesday) 10 am

Lexis/Nexis (Huge full-text online database)
January 16, 1996 (Tuesday) 10 am
January 19, 1996 (Friday) 2 pm
February 13, 1996 (Tuesday) NOON
February 28, 1996 (Wednesday) NOON

FirstSearch (Group of 12 online indexes)
January 12, 1996 (Friday) 3 pm
February 7, 1996 (Wednesday) 2 pm

Databases for Business (Periodical indexes)
January 22, 1996 (Monday) 1:00-2:30 pm
February 21, 1996 (Wednesday) 2:00-2:30 pm

Moody's Business Databases (Company financial statements)
January 16, 1996 (Tuesday) NOON-1:30 pm
February, 14, 1996 (Wednesday) 9:00-10:30 am

RIA OnPoint Tax Library (Tax & IRS information)
February 16, 1996 (Friday) 10 am

MARRIOTT LIBRARY SHORT COURSES

Winter 1996

HANDS-ON CLASSES

New to the Marriott Library Short Classes this quarter is a subset of classes which offer a hands-on component. Except for the HTML classes (which will meet directly in the lab), we will still meet in Room 464 for a 45-60 minute lecture. Following the lecture we will move to the 3rd floor PC lab in the Marriott Library Microcomputer Center (MLMC), where we will spend the second hour gaining hands-on experience with the topic we have just discussed.

Registration **is required** for the hands-on component of the class because we have only 15 computers. If you don't register you may still attend the lecture. You may also double up on a computer with a friend, but you must arrange this **prior** to the class.

To register contact Kenning Arlitsch, Technology Instruction Librarian, (801) 585-3721, INTERNET: karlitsc@alexandria.lib.utah.edu

INTERNET TOPICS (Asterisk indicates hands-on class)

Introduction to the Internet (Internet tools and how to get around)
- January 10, 1996 (Wednesday) NOON
- January 18, 1996 (Thursday) 4 pm
- January 30, 1996 (Tuesday) 6:00-8:00 pm*
- February 19, 1996 (Monday) 10 am

World-Wide-Web (Navigate WWW with *Netscape*)
- January 17, 1996 (Wednesday) 1 pm
- January 31, 1996 (Wednesday) NOON
- February 16, 1996 (Friday) 1:00-2:45 pm*

FTP and Archie (Finding and transferring files)
- January 24, 1996 (Wednesday) 11:00 am-1:00 pm*
- February 20, 1996 (Tuesday) NOON-2:00pm*

HTML (Writing WWW home pages)
- January 23, 1996 (Tuesday) NOON-1:30 pm - Meet in PC lab*
- February 8, 1996 (Thursday) NOON-1:30 pm - Meet in PC lab*

Listservs and Newsgroups
- January 24, 1996 (Wednesday) 1 pm
- February 22, 1996 (Thursday) 10 am

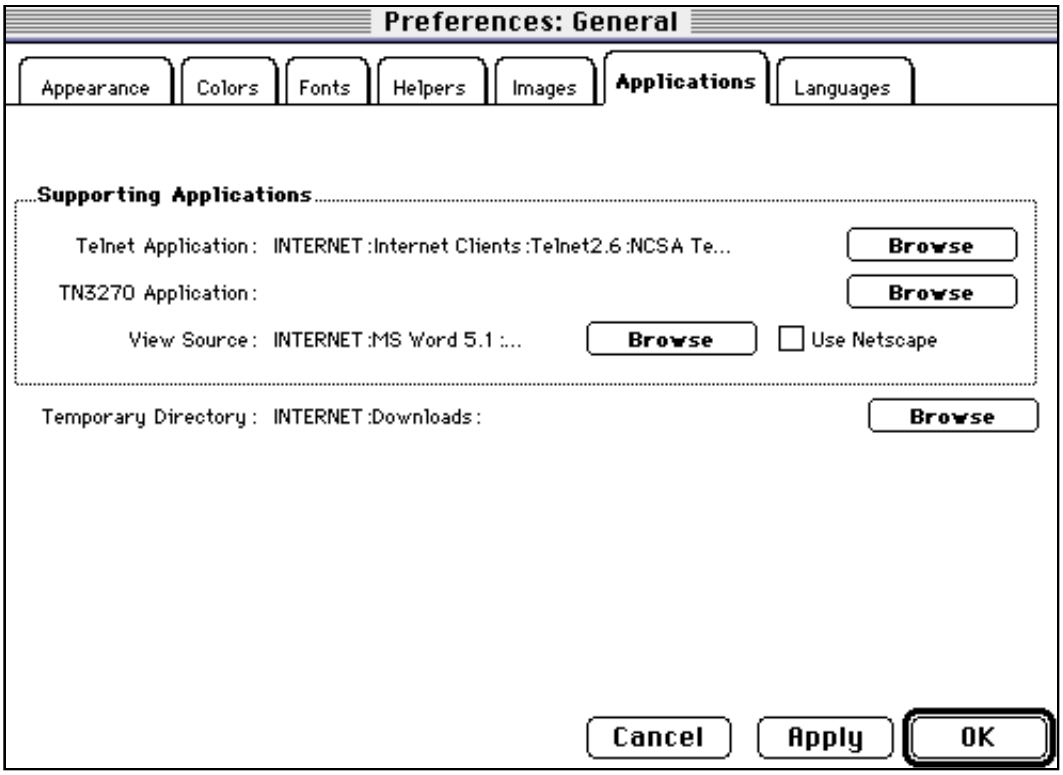
INTERNET BASICS

Configuring *Netscape 2.0 Beta 3* for FTP

by
Joan M. Gregory,
Associate Librarian,
Spencer S. Eccles
Health Sciences
Library

In last month's *IAIMS Newsletter*, the Internet Basics article on using *Netscape* for file transfer protocol (FTP) stated: For those of you using *Netscape 2.0 Beta*, no configuring is necessary. However, this is not the case with the new *Netscape 2.0 Beta 3.* The Macintosh version **does** require some configuring if you wish to change the default temporary directory. See the NOTE at end of this article for Windows version changes.

To set up a different Temporary Directory for the Macintosh version of *Netscape 2.0 Beta 3,* choose: OPTIONS from the main menubar, then choose: GENERAL PREFERENCES.



Within GENERAL PREFERENCES, choose APPLICATIONS. Use the BROWSE button on the line labeled TEMPORARY DIRECTORY to locate the folder where your downloads should be placed (e.g., INTERNET: Downloads:). Once you have designated your Temporary Directory, choose the OK button on the bottom of the APPLICATIONS screen. Finally, go back to the *Netscape 2.0 Beta 3* menubar, choose: OPTIONS and then choose SAVE OPTIONS to make your changes permanent.

NOTE: The Windows version of *Netscape 2.0 Beta 3* will ask you (as it has in the past): How would you like to handle this file? Save to Disk, Cancel Transfer, or Configure a Viewer. To save the program to your hard drive, choose SAVE TO DISK and identify the subdirectory on your hard drive where you want the download to be stored (e.g., c:\internet\downloads). The Temporary Directory choice in the GENERAL PREFERENCES of the Windows version of *Netscape 2.0 Beta 3* does NOT determine the default location of the download.

If you have questions about using *Netscape* for FTP, please contact: Joan M. Gregory, (801) 581-5269, INTERNET: joang@ecclab.med.utah.edu.

INTERNET RESOURCES

Nursing Resources

by
Joan M. Gregory,
Associate Librarian,
Spencer S. Eccles
Health Sciences
Library

As the Internet expands, the amount of nursing information accessible via the Internet is growing as well. Nursing information is available by accessing electronic discussion groups, electronic journals, gopher servers, Web servers, USENET news, and other services.

The resources highlighted in this article were found using several of the many searching tools now available for searching specific subjects on the Internet. If you use *Netscape* as your Web browser, choose the **NetDirectory** button to access the Yahoo! search engine (see the Internet Basics article on page 2 of this issue of the *IAIMS Newsletter* for further information about using Yahoo!) or choose the **NetSearch** button for access to numerous search engines, including InfoSeek (http://www2.infoseek.com/), Alta Vista (http://altavista.digital.com/), Deja News (http://www.dejanews.com/), Excite (http://www.excite.com/), Lycos (http://www.lycos.com/) and WebCrawler (http://webcrawler.com/).

The following list is is not comprehensive. It is an attempt to demonstrate the kinds of nursing resources currently available via the Internet.

LISTS OF NURSING RESOURCES

A number of sites compile lists of nursing resources on the Internet. Some of the most widely-known sites are highlighted below:

HealthWeb Nursing Resources

The HealthWeb Nursing Resources Page is a collaborative project of Taubman Medical Library, the School of Nursing at The University of Michigan and the CIC Health Sciences Internet Working Group. Resources listed at this site have been peer reviewed by members of the project group and represent the best of the nursing resources on the Internet. Eight categories of resources are listed: career information, clinical nursing, communication, education, organizations, research, resources (including electronic journals, nursing school newsletters and information for authors) as well as a link to other HealthWeb sites. This site is managed by the Taubman Medical Library at the University of Michigan, Ann Arbor, MI. *http://www.lib.umich.edu/tml/nursing.html*

NIGHTINGALE Gopher/WWW

This guide to Internet nursing resources includes information and pointers to resources on nursing research, practice, professional nursing communications (e.g., information about nursing conferences, lists of nursing discussion groups, and position announcements) and education. The NIGHTINGALE Gopher/WWW is located at The University of Tennessee, Knoxville, College of Nursing. *http://nightingale.con.utk.edu:70/*

NURSE WWW Server

NURSE provides access to nursing-oriented Internet resources via a clickable world map as well as via a list arranged by resource type (e.g., WWW sites, gopher sites, telnet sites, USENET newsgroups, etc.). Links are also provided to information about specialists in various nursing fields, nursing jobs, midwifery, nursing and health-related software packages, nursing courses and conferences, nursing and health-related journal information, and health-related information sources. The NURSE WWW server is located at the University of Warwick, Coventry, Great Britain. *http://www.csv.warwick.ac.uk:8000/*

INTERNET RESOURCES

Nursing Resources

by
Joan M. Gregory,
Associate Librarian,
Spencer S. Eccles
Health Sciences
Library

DISCUSSION GROUPS AND NEWSGROUPS

Lists of nursing discussion groups and newsgroups can be found on NIGHTINGALE*(http://nightingale.con.utk.edu:70/1/Communications/Discussion-groups)*, NURSE *(http://www.csv.warwick.ac.uk:8000/resources/nurse-resources/)* and HealthWeb *(http://www.lib.umich.edu/tml/comm.html)*. Two general sources for nursing discussion are: NURSENET and sci.med.nursing:

NURSENET An electronic discussion group focusing on nursing administration, practice, education and research.
Subscription address: listserv@vm.utcc.utoronto.ca
Subscribe Message: Subscribe NURSENET Yourfirstname Yourlastname

sci.med.nursing Newsgroup for discussion of nursing issues in general.
news:sci.med.nursing

NURSING RESOURCES UNDER DEVELOPMENT

There are a number of nursing projects underway on the Internet. The following are two very exiting projects worth adding to your bookmarks file:

AJN Network

In September of 1993, the American Journal of Nursing Company was awarded a three-year Special Projects Grant from the Division of Nursing, Department of Health and Human Services to develop a computer network that will provide a variety of formal and informal continuing education services to nurses in medically underserved communities. Full-text of articles from the 1995 issues of *American Journal of Nursing* and for selected issues of *MCN* are available online as is the *AJN 1995 Career Guide*. Listings of AJN videos (with downloadable video clips), computer-based learning programs, and continuing education opportunities are provided. Access to AJN business services for customer support is also available. In addition, AJN offers a telnet server *(telnet://ajn.org/)* and an FTP server *(ftp://198.185.157.160/)* as part of their AJN Network.
http://www.ajn.org/

Virtual Nursing College

The goal of the Virtual Nursing College is to provide a virtual learning and teaching environment that uses concept-resource mapping, multimedia, full access to the Internet, and virtual reality to enhance learning and education. Links to resources and information on the following topics are currently available: effective searching for resources, nursing practice seminar, general nursing, informatics, nursing research, psychiatry, images and pathology, cardiology, medicine, holistic health, keeping current, nursing education, epidemiology, pharmacology, health, humor, and HTML guides. Links under development include: Project Cybernurse, Featured Nurse, Interactive Seminar, Health III Topics, and Virtual Clinic - NurseMOO.
ftp://ftp.langara.bc.ca/pub/nursing/vnc.htm

OUTREACH SERVICES

Grateful Med/ Loansome Doc Subheadings (sh)

by
Kathleen M. McCloskey,
Associate Librarian,
Outreach Services,
Spencer S. Eccles Health Sciences Library

Last month you heard about the advantages of using MeSH headings for searching. The next little-publicized gem for searching is the use of **subheadings**.

Subheadings are terms that cover general, frequently discussed aspects of a subject, such as adverse effects, drug therapy, and metabolism. When articles are read for indexing at the National Library of Medicine (NLM), the indexers link subheadings with MeSH headings to reflect the topic of the article precisely.

In a printout of citations from a *Grateful Med* search the subheadings follow the MeSH headings. An example is **Aspirin/ADVERSE EFFECTS**. The subheading, **ADVERSE EFFECTS**, combined with the MeSH heading **Aspirin** reflects the content of the article - adverse effects of aspirin. If a broader range of adverse effects of aspirin were the topic of the article you might see a longer list of attached subheadings, **Aspirin/ADVERSE EFFECTS/POISONING/TOXICITY**.

If a MeSH heading precisely describes your topic, for instance **HEART TRANSPLANTATION** or **HEART SURGERY**, then you do not need subheadings to express the concept of "transplantation" or "surgery." There are exceptions, however. Suppose you are looking for "drug therapy" for heart transplantation/surgery recipients, how might you express this concept when combining MeSH headings and subheadings?

Each subheading has a definition that explains precisely what is meant by the term. The definition below for adverse effects comes from the *Annotated Alphabetic List of Medical Subject Headings* that is published each year and is available in the library. If you would like a copy of these definitions, contact Kathleen M. McCloskey; (801) 585-5743; INTERNET: kmc@ecclab.med.utah.edu.

> ***adverse effects***
>
> *Used with drugs, chemicals, or biological agents in accepted dosage - or with physical agents or manufactured products in normal usage - when intended for diagnostic, therapeutic, prophylactic, or anesthetic purposes. it is used also for adverse effects or complications of diagnostic, therapeutic, prophylactic, anesthetic, surgical, or other procedures, but excludes contraindications for which "contra-indications" is used. (1966).*

One "Rule of Thumb" suggested by searchers is: When you see a term that describes your concept and it is a subheading, choose it as well as any other seemingly identical term that isn't identified as a subheading, (sh). In *Grateful Med,* subheadings are generally paired with a MeSH heading, (mh), by entering the MeSH heading on one line and the subheading on another line so that the two are ANDed together. In last month's discussion of search strategy, we used the combination of **INJURIES (sh)** with **SKATING (mh)** to retrieve articles on skateboard injuries in children. In order to express the concept of an injury we used both the subheading **INJURIES (sh)** and the MeSH heading **WOUNDS & INJURIES (mh)**.

OUTREACH SERVICES

Grateful Med/ Loansome Doc Subheadings (sh)

by
Kathleen M. McCloskey,
Associate Librarian,
Outreach Services,
Spencer S. Eccles Health Sciences Library

In *Grateful Med*, when you view a hierarchy of "more specific terms" for a MeSH heading that is followed by a + , you may search for all the terms listed under that term by using the "explode" capability. This is one of the unique features of the MEDLARS databases. There is also a capability known as **pre-explosion**. A "pre-explosion" is indicated by a + and the qualifier (px) following the term in the alphabetic listing of MeSH headings. The "pre-explosion" differs from a simple "explosion" in that, from experience, indexers at NLM know that a particular "explosion" of terms has been requested so often that it's more efficient to simply group this set of terms together. With the "explosion" the NLM computers are forced to search the entire database for the group of terms and then combine them, taking more time and costing more. So a "pre-explosion" is an "explosion" that is already combined.

As with MeSH headings, subheadings may also be used in groups as a pre-explosion. For instance if you want to express the concept of "treatment" you will need to consider just what is meant by "treatment." Treatment might be drug therapy **or** surgery **or** rehabilitation **or** therapy **or** diet therapy. Are you beginning to see a search evolve? Unfortunately, the subheadings are not available as a separate list in the *Grateful Med* software, but are identified in the alphabetic listing of MeSH headings in the thesaurus. As mentioned previously, they are followed by the qualifier (sh). Some common groupings of subheadings are listed in the September - October, 1995 issue of the *NLM Technical Bulletin*, pg 49. They are reprinted here for your convenience:

FAMILIES OF 1996 SUBHEADING PRE-EXPLOSIONS

adverse effects
- poisoning
- toxicity

analysis
- blood
- cerebrospinal fluid
- isolation & purification
- urine

anatomy & histology
- blood supply
- cytology
  - pathology
  - ultrastructure
- embryology
  - abnormalities
- innervation

chemistry
- agonists
- analogs & derivatives
- antagonists & inhibitors
- chemical synthesis

complications
- secondary

cytology
- pathology
- ultrastructure

diagnosis
- pathology
- radiography
- radionuclide imaging
- ultrasonography

embryology
- abnormalities

epidemiology
- ethnology
- mortality

etiology
- chemically induced
- complications
  - secondary

OUTREACH SERVICES

Grateful Med/ Loansome Doc Subheadings (sh)

by
Kathleen M. McCloskey,
Associate Librarian,
Outreach Services,
Spencer S. Eccles Health Sciences Library

etiology (continued)
- congenital
- embryology
- genetics
- immunology
- microbiology
  - virology
- parasitology
- transmission

metabolism
- biosynthesis
- blood
- cerebrospinal fluid
- deficiency
- enzymology
- pharmacokinetics
- urine

microbiology
- virology

organization & administration
- economics
- legislation & jurisprudence
- manpower
- standards
- supply & distribution
- trends
- utilization

pharmacology
- administration & dosage
- adverse effects
  - poisoning
  - toxicity
- agonists
- antagonists & inhibitors
- contraindications
- diagnostic use
- pharmacokinetics

physiology
- genetics
- growth & development
- immunology
- metabolism
  - biosynthesis
  - blood
  - cerebrospinal fluid
  - deficiency
  - enzymology
  - pharmacokinetics
  - urine
  - physiopathology
  - secretion

statistics & numerical data
- epidemiology
  - ethnology
  - mortality

surgery
- transplantation

therapeutic use
- administration & dosage
- adverse effects
- contraindications
- poisoning

therapy
- diet therapy
- drug therapy
- nursing
- prevention & control
- radiotherapy
- rehabilitation
- surgery
  - transplantation

Deadline and Mailing List

The purpose of the *IAIMS Newsletter* is to keep the campus community informed on all aspects of computer and information technology as well as on the services provided by the Spencer S. Eccles Health Sciences Library. Articles on computer and information technology events, applications, services, education, etc. are welcome. To contribute articles to the *IAIMS Newsletter*, contact Joan M. Gregory at the address indicated below.

The deadline for the February 1996 issue of the *IAIMS Newsletter* is: January 15, 1996.

To be added to the electronic distribution list for the *IAIMS Newsletter*, send an e-mail message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe IAIMS**

To be added to the **printed** newsletter mailing list, send the following information to: Joan M. Gregory, Editor, *IAIMS Newsletter*, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. VOICE: (801)581-5269. FAX: (801)581-3632. INTERNET: joang@ecclab.med.utah.edu.

***IAIMS NEWSLETTER* MAILING LIST**

Please add my address to the **printed** *IAIMS Newsletter* Mailing List.

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IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Spring 2000 *Volume 15 InfoFair 2000 Supplement*

I n f o F a i r 2 0 0 0

Thursday, March 23, 2000

Video Visions: Integrating Multimedia in the Curriculum

presented by
The University of Utah Spencer S. Eccles Health Sciences Library

sponsored by
The University of Utah Health Sciences Center

InfoFair is an annual event at the University of Utah Health Sciences Center with the goal of providing up-to-date information on computer applications, resources and services as well as a glimpse into the future of computers and computing in the health sciences.

The theme of InfoFair 2000 is **Video Visions: Integrating Multimedia in the Curriculum**. The Clifford C. Snyder, M.D. and Mary Snyder Lecturer is Joseph V. Henderson, M.D., Director, Interactive Media Laboratory, Dartmouth Medical School, New Hampshire.

A panel discussion follows Dr. Henderson's lecture. Panelists join Dr. Henderson in discussing issues related to integrating multimedia in educational and clinical settings. Panel participants are Kirtly Parker Jones, M.D., Larry G. Reimer, M.D., Stephanie J. Richardson, R.N., Ph.D., with moderator Wayne J. Peay, M.S. Questions and input from the audience is encouraged.

Afternoon demonstration workshops start with Paul E. Burrows, Manager, Technology Integration and Design at KUED Media Solutions, presenting **Digital Video for Web/CD-ROM/DVD-Videodisc: A Reality Check**. The second workshop features Nancy T. Lombardo, M.L.S. who will discuss **Streaming Video: From Creating to Viewing**. Joseph V. Henderson will conclude the workshops by demonstrating **Streaming Video with a NICE Touch: Narrative, Immersive, Constructivist, Environments.** Library staff will be available to answer questions about access to electronic resources at the Electronic Resources Fair. Meet informally with staff in the Reference area on the main level of the Spencer S. Eccles Health Sciences Library.

Plan to visit the InfoFair 2000 Multimedia Web Gallery via the InfoFair 2000 website at **http://medlib.med.utah.edu /infofair/gallery.html** Links highlight multimedia examples that can be used for a variety of educational purposes.

The Clifford C. Snyder, M.D. and Mary Snyder Lectureship

Dr. Clifford C. Snyder, Professor of Surgery, founded the Division of Plastic and Reconstructive Surgery at the University of Utah School of Medicine in 1967 and served as chair of that division until 1985 when he was appointed Professor Emeritus of Surgery and Associate Dean of the School of Medicine. Throughout his career, Dr. Snyder has been an ardent supporter of the library. Dr. Snyder's endowment of The Clifford C. Snyder, M.D. and Mary Snyder Lectureship provides funding for the featured presentation at InfoFair.

InfoFair 2000 Program

The Clifford C. Snyder, M.D. and Mary Snyder Lecture and Panel Discussion

Location: George and Dolores Eccles Institute of Human Genetics Auditorium

9:30 A.M.-10:45 A.M. **Introduction**
Wayne J. Peay, M.S.

Sex, Lies and Multimedia: The HIV Virtual Practicum for Health Professionals
Joseph V. Henderson, M.D.

10:45 A.M.-11:00 A.M. **Refreshments**

11:00 A.M.-Noon **Panel Discussion: "How do we integrate material like this into our curriculum?"**
Moderator: *Wayne J. Peay, M.S.*
Panelists: *Joseph V. Henderson, M.D.*
Kirtly Parker Jones, M.D.
Larry G. Reimer, M.D.
Stephanie J. Richardson, R.N., Ph.D.

Noon-1:30 P.M. **Electronic Resources Fair: Responding to Your Needs**

Location: Spencer S. Eccles Health Sciences Library, Reference Area—Main Level

Afternoon Presentations

Location: Spencer S. Eccles Health Sciences Library, History of Medicine Room—Upper Level

1:30 P.M.-2:15 P.M. **Digital Video for Web/CD-ROM/DVD-Videodisc: A Reality Check**
Paul E. Burrows, M.S.

2:15 P.M.-2:30 P.M. **Break**

2:30 P.M.-3:15 P.M. **Streaming Video: From Creating to Viewing**
Nancy T. Lombardo, M.L.S.

3:15 P.M.-3:30 P.M. **Break with light refreshments**

3:30 P.M.-4:15 P.M. **Streaming Video with a NICE Touch: Narrative, Immersive, Constructivist, Environments**
Joseph V. Henderson, M.D.

Multimedia Web Gallery

The Multimedia Web Gallery is linked via the InfoFair 2000 website:
http://medlib.med.utah.edu/infofair/gallery.html

The Clifford C. Snyder, M.D. and Mary Snyder Lecture Abstract

Sex, Lies and Multimedia: The HIV Virtual Practicum for Health Professionals

Dr. Henderson will describe and demonstrate two multimedia CD-ROM programs: *Primary Care of the HIV/AIDS Patient*, and *Preventive Medicine in the Combat Theater*. These are but two of the many programs he has developed including pediatric emergencies and breast cancer. Dr. Henderson can be considered a "playwright" in that he carefully scripts his simulated scenes for patient encounters. He pays strict attention to environment and accuracy. Additionally he draws on learning models that are appropriate for complex topics. Schon's "reflective practicum" and Boisot's epistemological space as well as Kolb's learning cycle have influenced him.

Dr. Henderson's programs were originally developed on videodiscs while he was in the military. In 1989 he "retired" from the Navy and USUHS where he was Director of the Center for Interactive Media in Medicine to direct the Interactive Media Laboratory at Dartmouth where he is also a member of the Departments of Community and Family Medicine and Surgery. He has continued to revise, remodel and create new programs always on the bleeding edge of new technology (explaining his adjunct appointment in the School of Engineering). All of his programs deal with complex topics that are not amenable to standard, fact-based, drill-and-practice approaches; there is an emphasis on decision making, particularly in situations where technical and scientific knowledge must be balanced by less quantifiable kinds of knowledge, such as artistry, intuition and empathy.

Currently he is working at encoding some of his programs in MPEG2 for the next-generation Internet. An advantage of Internet Web delivery is that programs can incorporate "smart" interfaces to relevant websites. Smart interfaces can check several sites simultaneously comparing them for content, updates, and verifying the authoritativeness of information presented. Health professional education applications need to be frequently updated and this can be easily accomplished.

The Clifford C. Snyder, M.D. and Mary Snyder Lecturer

Joseph V. Henderson, M.D.

Director, Interactive Media Laboratory, Dartmouth Medical School, New Hampshire

Joseph V. Henderson, M.D., has 15 years experience as a multimedia developer and medical educator. He founded and directed the Center for Interactive Media in Medicine at the Uniformed Services University of the Health Sciences, Bethesda, MD; there he developed ground-breaking multimedia applications that are still considered prime examples of exciting and effective uses of these technologies. For the past decade he has directed the Interactive Media Laboratory (IML) at Dartmouth Medical School, where he has been developing interactive multimedia programs for health professionals and patients. Dr. Henderson has also been assisting in the development of a global distance learning system for the U. S. Army by developing advanced applications and tools that will better anticipate the arrival of ubiquitous, broadband networks. IML is now collaborating with the Centers for Disease Control and Prevention to develop a next-generation distance learning system for public health.

InfoFair Presenters and Panelists

Paul E. Burrows, M.S.

Manager, Technology Integration and Design, KUED Media Solutions, University of Utah

Paul Burrows is associated with KUED Media Solutions, a video, multimedia and World Wide Web design and production facility for the University of Utah. He is currently manager of Technology Integration, helping faculty and other University service departments match their media needs to an appropriate technology or delivery method. With 25 years experience in video and multimedia production, Paul brings a unique perspective from “the trenches” of media production and distribution.

Kirtly Parker Jones, M.D.

Associate Professor and Vice Chair for Educational Affairs, Department of Obstetrics and Gynecology, University of Utah School of Medicine

Dr. Jones' clinical interests are in the area of contraception, infertility and menopause. She has written numerous articles for publication in various medical journals in the area of education and reproductive health. Dr. Jones received her Doctorate at the University of Colorado School of Medicine and trained in Obstetrics and Gynecology and Reproductive Endocrinology at the Brigham and Women's Hospital and Harvard Medical School. She is Board certified in both her specialty of Obstetrics and Gynecology, and subspecialty of Reproductive Endocrinology. She is the immediate past chair of the Board of the Association of Reproductive Health Professionals.

Nancy T. Lombardo, M.L.S.

Systems Librarian, Spencer S. Eccles Health Sciences Library, University of Utah

Nancy Lombardo received her Masters of Library Science from Emporia State University in August 1994 and accepted a position at the Eccles Library in October 1994. Nancy is the co-principal investigator for a Higher Education Technology Initiative Grant that led to the development of the virtual course Internet Navigator. As the Systems Librarian, Nancy works with the library's technical staff to coordinate, maintain and improve the library's technological capabilities. In addition, Nancy teaches a variety of Internet classes and works with library faculty and staff on projects to enhance Eccles Library services through appropriate use of technology.

Larry G. Reimer, M.D.

Professor of Medicine and Pathology, School of Medicine, University of Utah and Chief of Infectious Diseases and Chief of Clinical Microbiology and the Hospital Epidemiologist, V.A. Medical Center, Salt Lake City

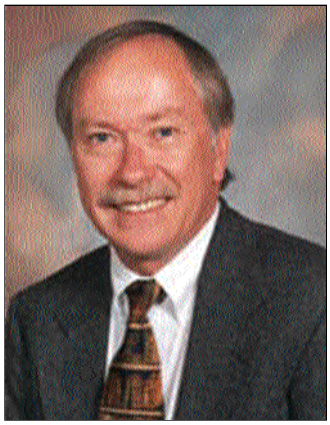
Dr. Reimer completed a residency in internal medicine at the University of Arizona in 1978, and a fellowship in infectious diseases and microbiology at the University of Colorado in 1981. He has been a the University of Utah since 1984. In addition to the above appointments, he is heavily involved in clinical care of patients with HIV infection, and in student education. He directs a medical student course, a physician assistant student course, and a postgraduate fellowship in clinical microbiology; directs organ system teaching in the basic sciences for medical students; and is the chair of the second year medical school curriculum committee.

Stephanie J. Richardson, R.N., Ph.D.

Assistant Professor, College of Nursing, University of Utah

An experienced critical-care nurse, Dr. Richardson has taught with the College of Nursing since 1986. She currently uses four different software and CD-ROM programs to help teach nursing students psycho-motor skills. She also developed an email exchange program between students at the University of Utah and nursing students in such diverse places as Ireland, Thailand, Finland, Israel, and England. A tutorial she created with another nursing faculty member on immune, inflammation, and coagulation physiology is used in the nursing graduate program.

Wayne J. Peay, M.S.



Director, Spencer S. Eccles Health Sciences Library, University of Utah

Wayne Peay received an M.S. degree with honors from the School of Library Service of Columbia University in 1977. While attending library school, he was the Assistant Director of the Data Processing Department at the Medical Library Center of New York. Following his graduation, he returned to the University of Utah as Head of Media Services at the Eccles Health Sciences Library. In 1984, he was appointed Director. Currently, he is a member of the University of Utah Task Force on Computing, and is also a member of the Utah Education Network Steering Committee. Wayne has served on the Board of Directors of the Medical Library Association and is a member of the Governor's Utah Steering Committee for the Western Governor's University.

InfoFair 2000 Abstracts

Panel Discussion: "How do we integrate material like this into our curriculum?"

Local panelists will join Dr. Henderson in discussing the opportunities and the challenges of integrating multimedia in educational and clinical settings. Audience participation and questions are encouraged. The panel moderator is Wayne J. Peay, M.S. Panelists are Kirtly Parker Jones, M.D., Larry G. Reimer, M.D. and Stephanie J. Richardson, R.N., Ph.D.

Electronic Resources Fair: Responding to Your Needs

Library staff will be available to answer your questions about access to electronic resources, including the Horizon Online Catalog and its web-based counterpart WebPAC; bibliographic and full-text databases such as WinSPIRS and PubMed, the Cochrane Library, Health Reference Center, STAT!Ref, Harrison's Online, and ProQuest; full-text journals from A to Z; web-based interlibrary loan requests, and much more. Learn how to print electronic articles in PDF format from your office computer, download the SilverPlatter client, or initiate an interlibrary loan request from your Web browser.

Digital Video for Web/CD-ROM/DVD-Videodisc: A Reality Check

With every passing day, more people are posting digital video clips to the World Wide Web or transferring clips to CD-ROM or DVD-videodisc. Paul E. Burrows will examine what's real, what's hype, and what you should expect in terms of playback performance. Preparing good digital video will also be discussed. Numerous examples will be used for illustration.

Streaming Video: From Creating to Viewing

The Spencer S. Eccles Health Sciences Library has the equipment necessary to create video content which can be delivered over the Internet. Nancy T. Lombardo will demonstrate the details of developing your own video using the library's video creation studio. Ideas and suggestions for producing your own video modules will be discussed. Plug-ins and software necessary for viewing video will be explained and demonstrated.

Streaming Video with a NICE Touch: Narrative, Immersive, Constructivist, Environments

Dr. Henderson will demonstrate an NGI-based (Next Generation Internet) project, developed for the U.S. Army and National Guard. Applying NICE concepts, *Regimental Surgeon* allows an inexperienced doctor to learn the ropes of public health while solving an infectious disease outbreak in Southern Iran where time is short, priorities are competing, the world is at the brink ...

Multimedia Web Gallery

Web-based multimedia resources will be highlighted on the InfoFair website. The featured sites provide creative and informative multimedia examples that can be used for a variety of educational purposes. Numerous disciplines from the health sciences are represented including medicine, nursing and pharmacy. Visit the Multimedia Web Gallery at **http://medlib.med.utah.edu/infofair/gallery.html**

Directions and Parking

The Spencer S. Eccles Health Sciences Library is located on the University of Utah Health Sciences Center Campus just south of the University Hospital/School of Medicine building and northeast of the College of Nursing. The George and Dolores Eccles Institute of Human Genetics is located southeast of the Eccles Library. Signs on Wasatch Drive and North Medical Drive mark the route to the Spencer S. Eccles Health Sciences Library. A brochure on *Transportation to Eccles Library* is available by contacting the Reference Desk 801-581-5534 or via the Web at: **http://medstat.med.utah.edu/pubs/transport.html**

Visitor parking is available directly south of the Eccles Library. The lot is regulated by a ticket and the fee is $1 per hour to a maximum fee of $5 per day. Parking passes ($3.00 per day) are available from the Parking Services Office located on the west side of Wasatch Drive, or from the Hospital cashier located in the lobby at the hospital entrance (801-581-2100). This parking pass allows parking in any A, U or E parking lot. Come early as parking spaces fill up quickly!

For a parking brochure or further information about parking at the University of Utah, contact Parking Services at 801-581-6415. Parking Service Office hours are: 7:30 A.M.-5:00 P.M. Monday through Friday.

The University Department of Parking and Transportation Services provides free shuttles across campus from 6:00 A.M. to 6:00 P.M. Monday through Friday. Contact Shuttle Customer Service 801-581-4189 for details.

The Utah Transit Authority (UTA) serves the University of Utah with 21 direct routes including two express routes from Weber and Utah counties. Call UTA at 801-287-4636 for details and schedule information.

Special Assistance Provided by:

The Staff and Education Team of the
Spencer S. Eccles Health Sciences Library
The George & Dolores Eccles Institute of Human Genetics
The University of Utah School of Medicine
Office of Continuing Medical Education
The University of Utah Health Sciences Center
Office of Public Affairs
The Utah Medical Association

Program Committee

Joan M. Gregory, M.L.S.
Joseph V. Henderson, M.D.
Jeanne Le Ber, M.L.I.S.
Nancy T. Lombardo, M.L.S.
Wayne J. Peay, M.S.
Suzanne Stensaas, Ph.D.
Joan M. Stoddart, M.A.L.S.

InfoFair 2000 Coordinator

Jeanne Le Ber, M.L.I.S.
Assistant Librarian, Education Services, Spencer S. Eccles Health Sciences Library, University of Utah

Jeanne Le Ber received her Masters of Library and Information Science in 1992 from Brigham Young University. As the Education Librarian, Jeanne is responsible for coordinating the formal education efforts of the Eccles Library in a team environment. She works with faculty from the School of Medicine and Colleges of Health, Nursing and Pharmacy to identify, schedule and teach information literacy classes, with an emphasis on using electronic resources. Jeanne is the editor of the *IAIMS Newsletter*, and coordinates the Library and Information Technology Forums held the second Wednesday of the month from September through May.

Coordinators

Dawn Ashment, Financial Coordinator
Niloofar Bakhti, Facilitators Coordinator
Derek Cowan, Website Designer
Joan M. Gregory, Advisor
Deborah Hile, Multimedia Web Gallery
Monica Jenks, Hospitality Coordinator
Jeanne Le Ber, Publicity
Nancy E. Litz, Equipment Coordinator
Mary McFarland and Mary Youngkin,
Electronic Resources Fair Coordinators
Wayne J. Peay, The Clifford C. Snyder, M.D. and Mary Snyder
Lectureship Coordinator

Registration

InfoFair 2000 is **FREE.**
REGISTRATION IS NOT REQUIRED.

Accreditation

Continuing Medical Education Credit
The University of Utah School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

The University of Utah School of Medicine designates this continuing medical education activity for a maximum of 4 hours in Category 2 of the Physician's Recognition Award of the American Medical Association. Each physician should claim only those hours of credit that s/he actually spent in the educational activity.

Medical Library Association Continuing Education Credit
Application has been made for Medical Library Association continuing education credit. Please contact Jeanne Le Ber at 801-585-6744 for more details.

Questions

If you have questions about InfoFair, please contact us:

University of Utah
Spencer S. Eccles Health Sciences Library
10 N 1900 E
Salt Lake City, UT 84112-5890
PHONE: 801-585-6744 or 581-5534
FAX: 801-581-3632
INTERNET: jeannele@lib.med.utah.edu
URL: http://medlib.med.utah.edu/infofair/

Eccles Electronic Resources

The Spencer S. Eccles Health Sciences Library provides numerous links to electronic resources from their website. During InfoFair 2000, staff from the Eccles Library will be available to answer questions including how to access electronic resources from off-site via the proxy server. So join us at the Electronic Resources Fair from Noon until 1:30 P.M. in the Reference area on the Main Level. Some links of interest:

Cochrane Library
http://www.updateusa.com/clibip/clib.htm
The Cochrane Library is a source of reliable evidence in health care decision making.

Electronic Journals
http://medstat.med.utah.edu/database/ejournal.html
This link provides a list of full-text electronic journals available to the University of Utah community.

Harrison's Online and STAT!REF
http://www.harrisonsonline.com
Harrison's Principles of Internal Medicine is available online from any University of Utah computer or via the proxy server. Click on the subscriber login button to start your search.

http://EcclesNT.med.utah.edu/statref/tserver.dll
STAT!REF provides access to 31 electronic medical and pharmaceutical textbooks.

Marriott Library Databases
http://www.lib.utah.edu/cgi-bin/drframe.pl
Marriott Library provides access to a number of databases in various disciplines. PsycInfo and Science Citation Index are just two of many databases that can be searched.

National Guideline Clearinghouse
http://www.guideline.gov/
NGC is a public resource for evidence-based clinical practice guidelines, sponsored by the Agency for Healthcare Research and Quality in partnership with the American Medical Association and the American Association of Health Plans.

PubMed
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi
Bring your questions about the new version of PubMed, the National Library of Medicine's front end to MEDLINE.

WebPAC
http://medstat.med.utah.edu/webpac/
Provides access to the Eccles Library Online Catalog over the Web. WebPAC users can search for materials owned by the Eccles Library or member libraries of the Utah Health Sciences Libraries Consortium by keyword, or alphabetically by title, journal title, author, subject and series. Links are provided to Eccles Library electronic journal subscriptions; access to electronic journals requires a University of Utah IP address.

Multimedia Resources for Health Sciences Education

The following web-based multimedia resources provide creative and informative examples that can be used for a variety of educational purposes. Numerous disciplines are represented including the areas of medicine, nursing, and pharmacy.

Sites may require QuickTime, Shockwave, and Flash players to view interactive Web content. If you are using Internet Explorer 3.0 or above, your browser will automatically check for and install the latest versions when you open each movie. If you are using Netscape Navigator, you may download the players for free and follow the installation instructions. Shockwave and Flash are both available at **http://www.shockwave.com** and QuickTime at **http://www.apple.com/quicktime/download/**

Auscultation Assistant
http://www.med.ucla.edu/wilkes/intro.html
This site provides a unique way to utilize the multimedia capabilities of the Web to enhance teaching of physical diagnosis. This site was designed to assist medical students and health care professionals with learning how to distinguish between various heart and breath sounds. Using this site will require a computer equipped with a sound card and speakers. The site includes a brief introduction to murmur physiology, an audio listing of systolic murmurs, and various other sound files. This site is hosted by the UCLA School of Medicine.

Introduction to Cardiothoracic Imaging
http://info.med.yale.edu/intmed/cardio/imaging/
From the Yale University School of Medicine, this site features a wide variety of imaging techniques, imaging findings, and case studies to facilitate learning in the area of cardiothoracic imaging. Labeled images, a glossary, sound files (such as Transesophageal echocardiography), useful audio notes, and digital video all contribute to making this a valuable resource.

Knowledge Weavers
http://www-medlib.med.utah.edu/kw
The Spencer S. Eccles Health Sciences Library Knowledge Weavers Project offers many Web-based learning programs and resources for health sciences education, including tutorials on ECGs, multiple sclerosis, and a variety of custom-made animations. Of special note are the HyperHeart and Neuroantomy animations that require a Flash player. The site also features a multimedia catalog of images, illustrations, animations and videos.

Medware
http://www.med.uc.edu/medware2/
The Medware homepage at the University of Cincinnati College of Medicine features software materials created by students, for students. A limited but useful number of Shockwave movies and slides related to the Year I and Year II medical school curriculum are available.

UNIVERSITY OF UTAH
ECCLES HEALTH SCIENCES LIBRARY
10 N 1900 E
SALT LAKE CITY UT 84112-5890

InfoFair 2000

Video Visions: Integrating Multimedia in the Curriculum

Thursday, March 23, 2000

Phone Numbers

Administration	801-581-8771
Hours	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4686
Computer & Media	801-581-8052
Gifts to Library	801-581-5266
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-585-3031
Reference	801-581-5534
Reserve	801-585-8772
Technical Support	801-581-3691

The ***IAIMS Newsletter*** is published 3 times a year (August, January, May) with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah.
Editor: Jeanne Le Ber
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URL: http://medstat.med.utah.edu/

IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Fall 1998 *Volume 14 Number 1*

Library and Information Technology Forum

The Spencer S. Eccles Health Sciences Library is sponsoring a series of noontime seminars this coming academic year. Titled Library and Information Technology Forum, all sessions will be held the second Wednesday of the month in Classroom A from noon until 1:00 P.M. Sessions will provide an opportunity for faculty, staff and students to learn about new computer technologies and electronic information sources.

Suzanne Stensaas, Associate Professor in the Department of Neurobiology and Anatomy and Garren Perkins, Media Engineer from Medical Media (formerly Radio and TV Services), will present the first session on September 9, 1998 at noon. Titled *Taking Advantage of the New Classroom A,* Suzanne and Garren will demonstrate the built-in features of the new equipment. Some of the high-tech changes include PC and Mac projection, videotape, DVD (Digital Video Disc), CD-ROM, laserdisc, document handler (or visualizer) for x-rays, models, wet specimens, books, color or black and white overheads. A new sound system, as well as Internet and network server connections have been added. Join Suzanne and Garren and learn how easy it is to use the set-up in Classroom A to jazz-up your lectures.

Reconstructing Classroom A - Suzanne says,
"Yes, it will be done by the start of school, August 24."

Future programs

- October 14—Mary Youngkin; *Accessing and Using Electronic Journals*
- November 11—Nina Dougherty; *Using the Internet for Grants*
- December 9—Nancy Lombardo; *Current Awareness Using the Internet*

More Computers for Student Use!

In order to meet increasing demand, the Spencer S. Eccles Health Sciences Library is adding more computer workstations on the main and lower levels.

Many of the print indexes and reference sources shelved on the main level have been weeded and shifted in order to make room for two additional hexagon-shaped tables and 12 more machines. Computer and Media on the lower level is planning to add three hexagon-shaped tables and 18 new machines. New wiring was installed on both levels to supply the required power. The new machines are Micron IBM compatible PC's with Intel Pentium 300 processors, 17 inch monitors and 4 gigabyte hard disk drives. The PC's are outfitted with Windows 98, and the standard media and reference software applications.

Funding for this project has been provided by the University Task Force on Computing which allocates student computer fees on campus. The project will be completed by mid-September.

In This Issue

Library and Information Technology Forum 1
More Computers for Student Use! 1
Library Workshops and Classes 2
Knowledge Weavers Update 2
Remote Access to Electronic Library Services 3-4
Re-designed Eccles Library Web Site Debuts 4
Accounting Changes 4
Introducing ... Dawn Ashment 5
Take a Look at These Web Sites! 5
Eccles Library Personnel Changes 5
The Eccles Library: What's In It For You! 6
Introducing the Cochrane Library 7
IAIMS Newsletter Deadline and Mailing Lists 7
Fall Semester Library Hours & Phone Numbers 8

Library Workshops and Classes

Classes with a fee (indicated by an asterisk) require pre-payment.

Tours and Orientations
To schedule call 801-581-5534

Introduction to SilverPlatter Databases	Small PC Lab
Wednesday, September 9, 1998	1:30 P.M.- 2:30 P.M.
Friday, September 11, 1998	3:30 P.M.- 4:30 P.M.
Friday, September 18, 1998	10:30 A.M.-11:30 A.M.
Tuesday, September 22, 1998	10:30 A.M.-11:30 A.M
Monday, September 28, 1998	1:30 P.M.- 2:30 P.M.
Friday, October 9, 1998	5:00 P.M.- 6:00 P.M.
Thursday, October 15, 1998	10:30 A.M.-11:30 A.M.
Tuesday, October 27, 1998	4:30 P.M.- 5:30 P.M.
Wednesday, November 11, 1998	3:30 P.M.- 4:30 P.M.
Introduction to PubMed	Small PC Lab
Friday, October 16, 1998	3:00 P.M.-4:00 P.M.
Friday, November 13, 1998	5:00 P.M.-6:00 P.M.

***Advanced SilverPlatter MEDLINE**
Contact instructor to arrange a date and time; Mary Youngkin, 801-581-5534 or email at maryy@lib.med.utah.edu

Pioneer Full-text Databases	Small PC Lab
Friday, October 30, 1998	3:00 P.M-4:00 P.M.

***Finding Information on the Internet**
Contact instructor to arrange a date and time; Nina Dougherty, 801-581-8771 or email at nina.dougherty@m.cc.utah.edu

Remote Access to Electronic Services	History of Medicine
Friday, October 2, 1998	Noon-1:00 P.M
***Beginning HTML**	PC Lab
Wednesday, October 14, 1998	1:00 P.M.-4:00 P.M.
***Intermediate HTML**	PC Lab
Wednesday, October 21, 1998	1:00 P.M.-4:00 P.M.
***Quick and Easy Web Pages**	PC Lab
Friday, October 23, 1998	1:00 P.M.-2:30 P.M.
***Introduction to Forms & CGI**	Small PC Lab
Wednesday, October 28, 1998	9:00 A.M.-Noon
***Introduction to HTML Style Sheets**	Small PC Lab
Wednesday, November 4, 1998	9:00 A.M.-Noon
Presentations Using *PowerPoint	Small PC Lab
Monday, October 19, 1998	4:00 P.M-6:00 P.M.
Monday, November 9, 1998	5:00 P.M-7:00 P.M.

Bibliographic Management

Reference Manager for Windows	Small PC Lab
Friday, December 4, 1998	3:00 P.M-5:00 P.M.
EndNote 3 for Windows	Small PC Lab
Monday, November 30, 1998	3:00 P.M-5:00 P.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. For more information, class descriptions, instructor phone number, email address, and registration form, see the Eccles Library Web page at **http://medlib.med.utah.edu/education/workshop.html**—or, please call 801-581-5534 or 801-585-6744.

Knowledge Weavers Update

by Sharon Dennis, Associate Librarian
Spencer S. Eccles Health Sciences Library

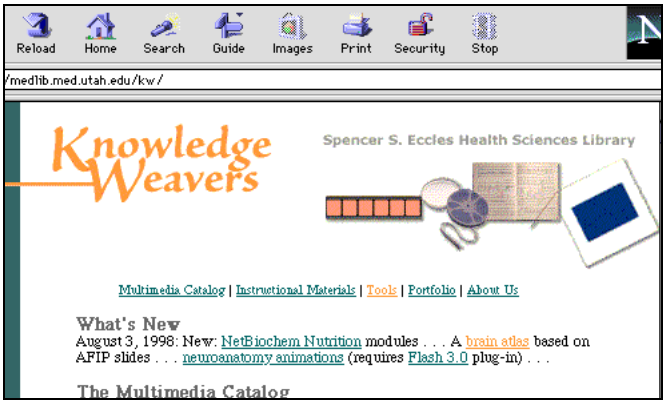
Interactive Neuroanatomy Tutorial and
Authoring Program Available

The Knowledge Weavers team announces a new interactive neuroanatomy tutorial designed to assist students with learning neuroanatomy structures. Over 100 neuroanatomy slides have been outlined to show the various structures in each slide. Students may move the mouse over the slide to view the structures. After learning the structures, the student can take a randomized quiz to test his knowledge of the structures.

The neuroanatomy tutorial is viewable using any Web browser with Java enabled, such as Netscape Navigator version 3 or above. The URL for the tutorial is: **http://medlib.med.utah.edu/kw/brain_atlas/outlines/**

The content for the interactive tutorial was created using a locally developed Java program called Sketcher. Sketcher allows the content expert to draw the outlines on top of the photo, name the structure, and then save the information into an HTML file. The HTML file can then be uploaded to the Web for use with the tutorial program. Sketcher may be used to create content in any subject area. The program is currently in early testing, but will be released for use by other faculty.

For more information on Sketcher or the Knowledge Weavers project, see the Knowledge Weavers Web site at **http://medlib.med.utah. edu/kw/**, or contact Sharon Dennis at 801-585-3928 or email at sdennis@lib.med.utah.edu.



Remote Access to Electronic Library Services

by Nancy Lombardo, Assistant Librarian, Spencer S. Eccles Health Sciences Library

In December of 1997, the Spencer S. Eccles Health Sciences Library distributed an Electronic Services Survey to determine our users' level of awareness and satisfaction with electronic access to library services. Seventeen percent of respondents were unaware of library electronic services and 42% indicated that they never use these services. As more information becomes available electronically, the Eccles Library intends to expand and promote this method of access to valuable resources. Electronic access adds convenience by allowing users to obtain the information needed, at the time it is needed, at their location. More importantly, the most current information is often available only in electronic format. The two most important electronic information tools are the World Wide Web and electronic mail.

Most electronic library services are available to all Internet users through the Library's Web site at **http://medlib.med.utah.edu/**. Services include the Horizon Online Catalog, Interlibrary Loan requests, MEDLINE search requests, and book renewals. Prominent links for these services can be found on the main Web page. PubMed is a free MEDLINE service offered by the National Library of Medicine at **http://www.ncbi.nlm.nih.gov/PubMed/**. PubMed users may be especially interested in establishing a Loansome Doc account with the Library to allow online ordering of articles located through PubMed searches. Find Loansome Doc applications on the Interlibrary Loan Web page at **http://medstat.med.utah.edu/ILL/ill.html**

Many of the important resources purchased by the Eccles Library require a site license arrangement with the publisher, or supplier. These resources include databases, such as MEDLINE and CINAHL, and full-text electronic journals. The Library makes every effort to purchase campus-wide licenses for electronic resources. Unfortunately, the typical means of determining whether a user is part of the University of Utah community is to check the user's computer address, or IP address. For on-campus users, this makes access fairly simple. If a user is on a campus computer, the resource is available.

What about using these services from an off-campus office or from home? Faculty, students and staff are legitimate users of these services, regardless of their location. Overcoming the technical issues of authenticating off-campus users is an ongoing concern for the Library. These are some solutions for legitimate off-campus library users.

Off-Campus Users with Internet Access

All University of Utah faculty, staff and students are eligible for free Internet accounts through Academic Computing and Library Information Systems (ACLIS). This account will allow access to the University's modems providing dial-up Internet service. Dialing in to the University modems ensures access to the University's electronic resources. However, it can be difficult to connect to University of Utah modems because of a high number of users per modem. Nevertheless, it is necessary to get an ACLIS account in order to gain access to licensed resources even when connecting through an independent Internet Service Provider (ISP).

Obtain a free Internet account through ACLIS. Fill out the form at **http://www.cc.utah.edu/Accounts/** Faculty and staff may need to visit the Marriott Library, Room 464, with a University ID to activate the account.

Users working at remote locations, such as an off-campus office or home, often make a connection to the Internet using a private Internet account through an independent ISP. Using the University's proxy server, these users may connect to some of the licensed electronic resources. The proxy server will allow access to Web-based databases and electronic journals. However, some configuration of the Web browser is required. Be sure to have activated and tested the ACLIS Internet account (Step 1).

Configure the Web browser (Netscape or Internet Explorer) to use the proxy server. Instructions are available online at **http://www.lib.utah.edu/remote.html** Once the Web browser is configured to use the proxy server, users will be asked for their ACLIS username and password when connecting to a licensed resource.

Finding an Internet Service Provider (ISP)

If the University modems are not convenient, or if users live outside the local calling area, a personal Internet account through an ISP is another option. There are numerous ISPs available in the Salt Lake Valley, as well as around the state. *Computer Credible*, a free magazine found at local computer stores and bookstores, maintains an updated list inside the back cover. The List, **http://thelist.internet.com/**, is an online service which offers searching for local ISPs by area code. Everyone in Utah, regardless of location, should be able to find an ISP for $20.00 per month or less. For some tips on choosing an ISP, visit the National Library of Medicine's *Selecting an Internet Service Provider* Web site at **http://www.nnlm.nlm.nih.gov/pnr/etc/isp.html**

Some computer manufacturers are offering special purchase packages including Internet accounts. Gateway **(http://www.gw2k.com/)** currently has a purchase plan called Gateway Your:)Ware that includes a customized computer, software, Internet account and the option to trade the computer in after two years and apply the value to a new Gateway computer. This type of purchase may meet the needs of those users who prefer not to cope with the technical details of setting up a dialing feature or installing Internet software. →

(continued from page 3)

Free Electronic Mail Options

There is a multitude of free email options available on the Internet today. Email has become an essential communication tool. Users who may share a computer with family or roommates may find a free email account the best method of obtaining a personal email address without purchasing additional Internet accounts. This option is also valuable for those who travel, or even for those with no personal computer. Most free email accounts can be reached from any computer that is connected to the Internet. Some of the many free email services are listed here:

Yahoo—http://www.yahoo.com/
HotMail—http://www.hotmail.com/
Geocities—http://www.geocities.com/
POBox—http://www.pobox.com/
MedScape—http://www.medscape.com/
MailCity—http://www.mailcity.com/
Excite—http://www.mailexcite.com/
RocketMail—http://www.rocketmail.com/
Juno—http://www.juno.com/

These are some ideas that may help assist Eccles Library patrons in using the growing number of electronic resources and services. As the Internet expands, so do the options for taking advantage of its ability to distribute information. Please feel free to call the Library for ideas or advice on getting to information when and where it is needed.

Accounting Changes

On July 1, 1998 the University of Utah financial systems were converted to PeopleSoft as part of the Utah2000 Project. The Utah2000 Project is the conversion of administrative mainframe systems to PeopleSoft client/server systems. (This explains why the project is called the PeopleSoft Project.) This conversion will improve the way information is stored, processed, and reported across the campus.

Because of the PeopleSoft conversion, electronic billing for services received from the Spencer S. Eccles Health Sciences Library has temporarily been suspended. We are asking departments to submit campus orders on a monthly basis for services they receive from Eccles Library. The campus order must contain the new PeopleSoft chartfield string and not the old six digit account.

Eccles Library is in the process of re-establishing electronic billing for services provided. When we implement the new system, departments will be notified and campus orders will no longer be required.

If you have any questions about billing, please call Dawn Ashment 801-581-5267 or Niloofar Bakhti at 801-581-5258.

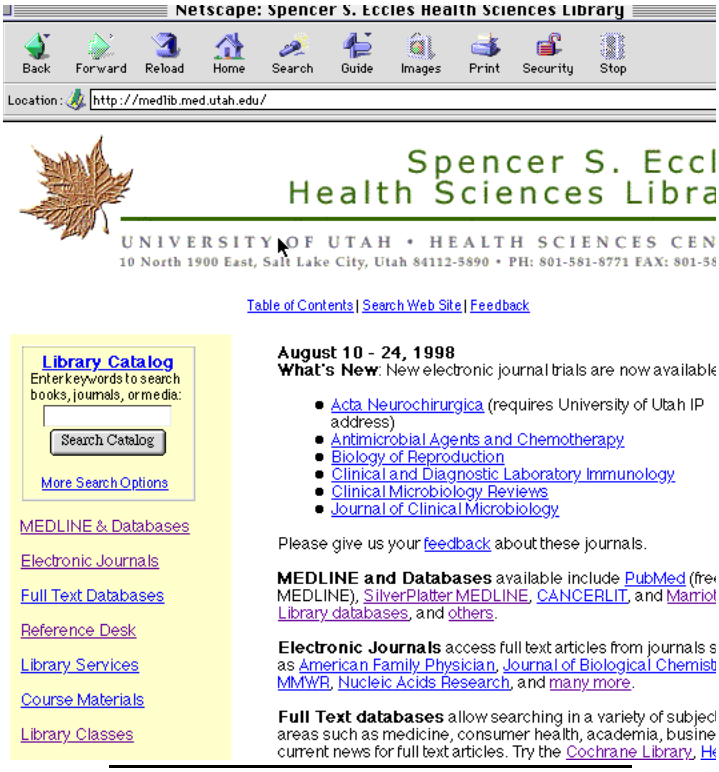
Re-designed Eccles Library Web Site Debuts

The Spencer S. Eccles Health Sciences Library Web site has been re-designed, with a new look and new navigational scheme. The new pages emphasize links to the ever-increasing variety of electronic information offered by the Eccles Library, including electronic journals, full-text databases, MEDLINE and other databases, and course materials. The home page, which is updated weekly, alerts patrons to new electronic services and upcoming Library events. The navigational scheme attempts to help patrons locate information with a minimum of clicks. In addition, each page on the site offers the patron the opportunity to search the Horizon Online Catalog directly.

Future plans for the Web site include adding a “personalization” feature so that patrons may personalize the page to meet individual information needs.

Feedback on the new site is welcome and appreciated. Contact Sharon Dennis at sdennis@lib.med.utah.edu with your comments.

The Eccles Library Web site may be reached at:
http://medlib.med.utah.edu/



Home page of the re-designed Eccles Library Web site

Introducing ... Dawn Ashment

Administrative Manager
Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Dawn Ashment.

Born in Star Valley, Wyoming, I grew up on a diary farm and truly appreciate how lucky I was to be surrounded by the beauty of that part of Wyoming. I have fond memories of the supposed "simple" life, but it didn't seem so simple at the time, when there was always so much work to be done. I am truly grateful for the lessons I learned and the joys I experienced growing up where I did. Even now, if I do not frequently leave the city and head for more rural parts, I get a little claustrophobic.

I attended two years of college in Idaho and received an associate's degree from Ricks College before settling in Salt Lake City. In 1982 I accepted a job with the Ethnic Minority Student Health Sciences Center here at the University of Utah. After two years working there, I accepted a job at the University of Utah Computer Center as an Accounting Clerk, where I eventually became the Administrative Officer for the department. It was a great time to work at the Computer Center and see the incredible changes in technology over the years. I feel very fortunate to have been a part of all that fun. My years there will be especially memorable because of the many wonderful friends and co-workers I had the opportunity to learn from and with.

In 1997, the Computer Center and the Marriott Library merged to form a new organization, Academic Computing and Library Information Systems (ACLIS), located in Marriott Library. With that change came the chance to meet new friends and co-workers. I enjoyed learning about the Marriott Library and the wonderful resource they are to campus.

In July 1998 a new opportunity presented itself and I applied for a position at the Spencer S. Eccles Health Sciences Library. I look forward to working with the great staff here and to seeing what life is like on upper campus.

A few of the many things I enjoy are traveling, reading, sports and learning new things.

Take a Look at These Web Sites!

The Web provides the opportunity to find information quickly and easily. But sometimes it helps to know where to look. Take a look at these Web site and consider adding them to your bookmarks (Netscape) or favorites (Internet Explorer).

All the Virology on the WWW
http://www.tulane.edu/~dmsander/garryfavweb.html
This site seeks to be the best single site for virology information on the Internet; includes *The Big Picture Book of Viruses*.

Doctor's Guide
http://www.pslgroup.com/docguide.htm
Doctor's Guide provides links to sites of medical and professional interest, sites of interest to patients and sites of general or personal interest.

healthfinder
http://www.healthfinder.org/
healthfinder™ is a gateway consumer health and human services information Web site from the United States government. healthfinder™ can lead you to selected online publications, clearinghouses, databases, Web sites, and support and self-help groups, as well as the government agencies and not-for-profit organizations that produce reliable information for the public.

National Academy on Women's Health Medical Education
http://www.auhs.edu/institutes/iwh/nawhme/academy.html
NAWHME's mission is to infuse women's health education into all phases of the medical education curriculum, undergraduate, graduate and post-graduate, nationwide.

National Center for Health Statistics (NCHS)
http://www.cdc.gov/nchswww/
NCHS is the primary Federal organization responsible for the collection, analyses, and dissemination of health statistics. The intent of this site is to provide users access to the health information that NCHS produces. Users can browse the publications and statistical tables, download selected public-use data files, conduct on-line database queries and searches in CDC WONDER track progress toward Healthy People 2000 Objectives, or access FASTATS from A-Z. The site also contains information about each NCHS survey and data system, special programs and activities, upcoming seminars, conferences, and training, as well as links to other sites and the latest NCHS employment opportunities.

Eccles Library Personnel Changes

Dawn Ashment, formerly associated with Marriott Library, has been hired as the Administrative Manager at the Spencer S. Eccles Health Sciences Library. She joined the library staff in early July and replaces Christopher Anderson.

The Eccles Library: What's In It For You!

by Patricia Arter, Assistant Librarian, Spencer S. Eccles Health Sciences Library

The following list describes many of the electronic resources and services offered from the Spencer S. Eccles Health Sciences Library home page, available at **http://medlib.med.utah.edu/** Keep in mind that many electronic resources are only available from University of Utah connected computers.

- **Cochrane Library** just recently became available to the University of Utah community. It claims to be "The best single source of reliable evidence about the effects of health care." It includes the Cochrane Database of Systematic Reviews, Database of Abstracts of Reviews of Effectiveness, the Cochrane Controlled Trials Register (CENTRAL/CCTR), and much more. MetaView has been installed so that the graphs included in Cochrane reviews can be viewed and printed.

- **Electronic Full-text Journals** are available and the list keeps growing. If the journal issue you need is checked out or not on the shelf, visit the Library home page and link to electronic journals **(http://medlib.med.utah.edu/database/ejournal.html)**. Many electronic articles are provided in PDF (portable document format) and can be laser printed from the Web for half the price of photocopying.

- **Electronic Reference Desk**, available at **http://medlib.med.utah.edu/reference/refdesk.html,** links to a wide variety of services and resources. Links include:
  - BioSites
  - Consumer Health Information
  - Encyclopedia Americana
  - GrantsNet
  - Instructions to authors (courtesy of the Mulford Library)
  - Medical Matrix and Northern Light
  - Physician Addresses
  - SilverPlatter database cheatsheets
  - UMI Proquest Direct (full-text articles)
  - University of Iowa Family Practice Handbook
  - Utah City & County Directories
  - Utah Health Related Internet Resources
  - Utah Medical Association

- **Internet tutorials** are provided for those interested in learning how to use the Internet, but who have no time for classes. Use the *Internet Navigator,* Utah's first online, multi-institutional Internet course for credit; or *Travelling the Internet with a Web Browser*, a non-credit tutorial.

- **Marriott Library Web-based Databases** can be linked to from the Eccles Library home page or by going directly to **http://digilib.lib.utah.edu/cgi-bin/dbs.pl** Marriott Library provides a variety of bibliographic and full-text databases related to a variety of subjects, including business, humanities, life sciences, newspapers, social work, U.S. patents and reference sources.

- **MEDLINE** is available free on the Internet to anyone using either PubMed or Internet Grateful Med. The Eccles Library provides access to MEDLINE with the SilverPlatter software using WinSPIRS (for the PC), MacSPIRS (for the Macintosh) and WebSPIRS (Web access). Ask library staff how to connect to SPIRS from your home or office computer.

- **Multimedia** material is provided for educational use. The *Knowledge Weavers* have digitized many slides related to health sciences education and made them available on the Web. Use the Multimedia Catalog to search for images, illustrations, animations and videos related to the health sciences. Current content includes images in neuroanatomy, dermatology, pathology, obstetrics/gynecology, neurology, ECG's, and biochemical illustrations. Instructional materials and tools, developed by the Knowledge Weavers team, are also available for health sciences educators.

- **Online Catalogs for Eccles, Marriott and Quinney Libraries** are available for searching from the Web. Links are also provided to a list of other health sciences libraries with Web sites at **http://medlib.med.utah.edu/resource/libraries.html**

- **Course Materials** for medicine, nursing, and pharmacy are linked from the Eccles Library home page.

- **Classes and Workshops—**Want to be more proficient at doing MEDLINE searches? Need to learn PowerPoint for an upcoming presentation? Want to create your own Web page but don't know HTML? Library faculty offer a number of scheduled classes throughout the school year. A listing of classes with course descriptions is available at **http://medlib.med.utah.edu/education/workshop.html** If scheduled classes don't work for you, call to make arrangements for a class that better suits your needs.

- **Electronic Renewals** are fast and easy. Books, documents and theses that are currently due can be renewed electronically at **http://medlib.med.utah.edu/renew/renew.html**

- **Interlibrary Loan** services can be initiated from the Eccles Library home page or from PubMed using Loansome Doc. If you need a book or article from a journal title the Library does not own, we can get it for you from another library for a fee. Use the Book or Dissertation Request or the Journal Article Request links at **http://medlib.med.utah.edu/ILL/ill.html** to place an order. Registration forms and instructions for ordering journal articles from PubMed are also available from this page.

- **Software Applications** are available from the desktop of all computers in the Library. Software provided includes Microsoft Office 97 and the Corel WordPerfect Suite 8.0 which allow for word processing, spreadsheets, presentation software and more.

Introducing the Cochrane Library

by Jeanne Le Ber, Assistant Librarian
Spencer S. Eccles Health Sciences Library

The Spencer S. Eccles Health Sciences Library recently added the Cochrane Library to their Web page at **http://medlib.med.utah.edu/** Use is restricted to the University of Utah community.

Produced by the Cochrane Collaboration, the Cochrane Library is an important source for locating systematic reviews and trials of health care interventions. It is an attempt to organize the medical literature so that clinicians can effectively and efficiently access the best available evidence from the research literature.

Founded in October of 1993, the Cochrane Collaboration is an international organization that responded to Archie Cochrane's suggestion that there must be a way to access systematic, up-to-date reviews of randomized controlled trials. The Collaboration is built on eight values: collaboration, building on the enthusiasm of individuals avoiding duplication, minimizing bias, keeping up-to-date, ensuring relevance, ensuring access and continually improving the quality of its work.

Updated quarterly, the Cochrane Library contains four databases:

- The Cochrane Database of Systematic Reviews
  —systematic reviews done by members of the Review Groups
- Database of Abstracts of Reviews and Effectiveness (DARE)
  —structured abstracts of systematic reviews which have been critically appraised by reviewers
- The Cochrane Controlled Trials Register
  —bibliographic database of controlled trials
- The Cochrane Review Methodology Database
  —a bibliography of articles on the science of research synthesis

In addition, the Cochrane Library contains information about the Cochrane Collaboration and the process of developing the database and software updates. There are links to the *Reviewers' Handbook* on the science of reviewing research, the Collaborative Review Groups, Methods Working Groups, Networks, and sources of support.

Searching the Cochrane Library
Each screen has a toolbar at the top; the **Help** button is available with links that describe searching and browsing, MeSH, and how to refine your search. The toolbar allows you to move between screens and within documents. Just below the toolbar is a search text box where search terms are entered. Searches can be initiated from any screen that contains the text box.

Enter a term in the search window and click on the button labeled **Search**. All databases in the Cochrane Library are searched, and the results are shown in a database table. All the **Databases** and their sub-sections are listed on the left, with the number of records retrieved by the search, called **Hits**, on the right.

To view documents, click on one of the database sections that has hits showing in the right-hand column of the database table. This links to the records screen which displays the titles of documents related to the search query. Click on a title appropriate to your information need; depending on which database you link from, the display includes the full-text, references, bibliography and/or trials registered.

The Cochrane Library allows searching with MeSH (medical subject headings). There are three steps involved:

1) Choosing an initial MeSH heading from the permuted index
2) Selecting the MeSH heading to search on
3) Searching on the chosen term

Enter the term you want to search in the text box, then click on **MeSH**. From the displayed list, click on the MeSH heading that most closely represents the concept you need to search. Move both up and down through the tree structure to select either a more general or more specific terms. To move up or down a level in a MeSH tree, click to highlight a term above or below the current one. The tree display will be re-drawn with the newly selected term in red.

With the chosen term shown in red, click again to highlight that term. At this point you have the option to do a single term search (to search for only the term shown in red) or to explode the term (search on the term in red and all of the terms listed underneath the term). Search results are specific to the medical subject heading selected.

Search terms can be combined using the Boolean operators AND, OR, NOT, and adjacency operators NEAR, NEXT. Be sure to read the help search tips, including **Refining Your Search, Options** and **History**, as well as the other links listed on the **Help** screen.

IAIMS Newsletter *Deadline and Mailing List*

The deadline for the Spring 1999 issue of the *IAIMS Newsletter* is November 30, 1998.

The IAIMS Newsletter is available electronically via the WWW at **http://medlib.med.utah.edu/iaims/iaims.html**

To receive a copy of the electronic version in PDF format, send a email message to: MAISER@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5980. VOICE: 801-585-6744. FAX: 801-581-3632. INTERNET: jeannele@lib.med.utah.edu.

UNIVERSITY OF UTAH
ECCLES HEALTH SCIENCES LIBRARY
10 N 1900 E
SALT LAKE CITY UT 84112-5890

Non-Profit Organization
U.S. Postage Paid
Salt Lake City, Utah
Permit Number 1529

The Spencer S. Eccles Health Sciences Library
Fall Semester 1998 Hours

August 23 to December 8, 1998

Monday to Thursday	7:00 A.M.–11:00 P.M.
Friday	7:00 A.M.– 8:00 P.M.
Saturday	9:00 A.M.– 8:00 P.M.
Sunday	11:00 A.M.–11:00 P.M.

Special Hours, Labor Day

Monday, September 7, 1998	Regular hours

Semester Break

October 8 to October 9, 1998	Regular hours

Special Hours, Thanksgiving Recess

Wednesday, November 25, 1998	7:00 A.M.-8:00 p.m.
Thursday, November 26	Closed
Friday, November 27	8:00 A.M.-5:00 P.M.

Fall Semester Extended Hours, December 9 to December 17, 1998

Monday to Thursday	7:00 A.M.–Midnight
Friday	7:00 A.M.– 11:00 P.M.
Saturday	9:00 A.M.– 11:00 P.M.
Sunday	11:00 A.M.–Midnight

Fall Semester Break Hours, December 18, 1998 to January 2, 1999

Monday-Friday	8:00 A.M.–6:00 P.M.
Saturday	9:00 A.M.–6:00 P.M.
Sunday	Closed
December 25	Closed
January 1	Closed

Regular Spring Semester Hours Resume January 3, 1999

Phone Numbers

Administration	801-581-8771
Hours	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4686
Computer & Media	801-581-8052
Gifts to Library	801-581-5266
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

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IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Fall 2004 Volume 20 Number 1

Scholarly Communications and Journal Cancellations

Wayne J. Peay, Director
Spencer S. Eccles Health Sciences Library

The financial pressures of price increases for journals is not news to us here at the University of Utah. However, this last year articles in the *New York Times*, the *Washington Post* and the *Wall Street Journal* reported on precisely this problem. Journal publishing is being dominated by large corporations with the goal of continuing to deliver 20-30% profit margins. This comes at a time when research universities have few new resources to fund the annual 10% base-budget increases for journal subscriptions. The faculty at the University of California have described the problem by stating that "the economics of scholarly journal publishing are incontrovertibly unsustainable."

Here at the Health Sciences Center, just the maintenance of our library's journal collection now requires $100,000 of new, on-going funding each year. This is $100,000 that could be used for a new faculty position or could pay six full scholarships in the School of Medicine. At a time when the State of Utah can only fund salary increases of 1.5%, there is simply not enough money to fund continuing increases.

The regrettable result of these price increases is that our library will be required to cancel $150,000 of subscriptions to off-set one-time funding used this last year for subscriptions and the 10% increase that is expected for this next year. A list of titles being proposed for cancellation is available on our website at http://medlib.med.utah.edu/library/cuts2005.pdf

The criteria for cancellation include low use, cost per use, duplicate subscriptions at the J. Willard Marriott Library and consistent price increases by the publisher. Needless to say, the scale of these cancellations is very difficult and we have very little margin in this effort. However, I would be glad to discuss with faculty the larger problems of scholarly communications and/or specific cancellations that are being proposed.

While publishers that expect 10% increases every year are forcing desperate reductions in library collections across the country, there are important new models of scholarly communications that are emerging. Generally referred to as Open Access models of publishing, these new publishers and publications offer important alternatives that will assure the research community access to the information that is crucial to advancing research.

Our library and the Marriott Library are cooperating to provide access to the publications of the Public Library of Science (PLoS) and BioMed Central (BMC). PLoS journals have distinguished editorial boards that include faculty from the University. Recent reports from ISI show very significant increases in the impact factor of BMC journals. Important professional societies like the American Society of Microbiology have made their publications available through the National Library of Medicine PubMed Central, assuring access and preservation of their publications. Finally, our library is bringing up the infrastructure that will support access to faculty publications via the Internet.

Again, I would be pleased to discuss the cancellations we are facing with faculty, staff and/or administrators. We also encourage faculty to explore the new models of publication that assure access to their research. (801-581-8771 or wayne@lib.med.utah.edu)

In This Issue

Scholarly Communications and Journal Cancellations 1
Introducing . . . Allyson Mower and Julie Quilter 2
NOVEL Project Making Great Progress! 2
Choosing an Image File Format 3
Good News About Scholarly Publishing 3
RefWorks: Web-based Bibliographic Management Tool . . . 4
Access Grid Available & Library Survey Begins! 4
Look for Wireless Logo on Campus 4
Library Workshops and Classes & EndNote Version 8 . . . 5
Consumer Health Information in the News 6
Support Available for Faculty Use of New Technologies . . 6
Blue Ribbon Winner 6
Library and Information Technology Forum Schedule . . . 7
Slice of Life Workshop Report 7
IAIMS Newsletter Deadline and Mailing List 7
Fall Semester Library Hours and Phone Numbers 8

Introducing . . . Allyson Mower and Julie Quilter

Reference Services
Spencer S. Eccles Health Sciences Library

The “Introducing ...” column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Allyson Mower and Julie Quilter.

Allyson Mower grew up in the small town of Richfield, Utah. She attended Utah State University where she received a B.A. in American Studies. She spent the school year working at the Merrill Library and her summers working at an 18th century living history museum on the banks of Lakes Huron and Michigan where the "swimming is marvelous," she says.

After graduating from USU, she continued her education at St. John's College in Annapolis MD, receiving an M.A. in Liberal Arts and made it through the 1000 page *Tale of Genji.* While living in Annapolis, she worked as a legislative assistant for a local political consultant.

Allyson joined the Eccles Library staff after returning to Utah last summer. In her spare time, she reads and writes and searches for the philosophical virtue of MS Excel and Access!

Julie Quilter joined the Eccles Library reference department in October 2003. She was born and raised in Salt Lake City. Upon graduating from high school she completed an Associates Degree in International Studies at Ricks College located in Rexburg Idaho.

During a break from her studies she was first introduced to the Eccles Library while working as a desk assistant at the Clinical Library. She later resumed her education at Brigham Young University Idaho. While there one of the most memorable experiences of her education was a month long tour in Europe. During the trip she was able to learn more about the history, religion, art, and culture of the nations she visited.

Julie completed her Bachelor of Science degree in History at BYU-Idaho in 2003. In her spare time she enjoys spending time with her family, and playing the piano.

NOVEL Project Making Great Progress!

A team, primarily at the Spencer S. Eccles Health Sciences Library, has been working on the NOVEL (Neuro-Ophthalmology Virtual Education Library) project, digitizing and archiving neuro-ophthalmology materials. The project is a collaborative effort between the Eccles Library and the North American Neuro-Ophthalmology Society (NANOS). All materials added to the collection will be free to all non-profit educational users.

The William F. Hoyt, collection is nearly complete. Dr. Hoyt, Professor Emeritus of Ophthalmology, Neurology and Neurosurgery at the University of California, San Francisco, Department of Ophthalmology, has contributed a superb collection of slides of conditions relating to the optic disc. More than 800 slides have been digitized and extensive metadata attached to describe each image. The Web Education committee of the North American Neuro-Ophthalmology Society (NANOS) will complete a peer review this fall and the collection will be ready for all non-profit educational uses.

The collection of patient videos of Shirley H. Wray, M.D., Ph.D., recently retired Director of Neuro-visual Disorders, Massachusetts General Hospital and Professor of Neurology at Harvard University, is in progress. The patient videos cover a wide range of rare and unique neuro-visual disorders. Each video is encoded in multiple formats and has extensive metadata attached to describe the case. Each video can be viewed over the Web in streaming format, or downloaded for higher quality video.

More than 400 images representing Neuro-Ophthalmology cases from a large number of individual NANOS members are currently being processed.

An audio collection of lectures by J. Lawton Smith, Professor Emeritus of Ophthalmology, Bascom Palmer Eye Institute of the University of Miami, School of Medicine, on neuro-Ophthalmology topics are the newest collection for the project. The collection has been digitized from the original reel-to-reel tapes. Metadata will be attached to each lecture and the collection will be available for listening via the Web or by downloading the lecture files.

Please view the available materials and track the progress of the project by visiting the project Web page:
http://medlib.med.utah.edu/NOVEL/

NOVEL Team:

Nancy Lombardo—NOVEL Project PI
Kathleen Digre, MD (U of U)—Co-PI
Larry Frohman, MD (NMDNJ)—Co-PI
Valeri Craigle—Project Coordinator
Ray Balhorn—Video Technician/Graphic Artist
Bonnie Fox—Editing Support
Derek Cowan—Video and Graphic Support
Dustin Whitney—Technical Support

Choosing an Image File Format

Laura Dahl, Multimedia Education Coordinator
Department of Neurobiology and Anatomy

The five most common image formats in use today are: JPEG, GIF, PNG, EPS, & TIFF. Do you know which format is appropriate for your image? This article might help you.

JPEG files. Generally speaking, JPEG files are used for storing or printing continuous-tone, full-color or grayscale photographs. A JPEG file can store millions of colors; therefore, a JPEG is superior at storing complex and subtly rendered images. JPEG files can also be used as images on Web sites

When saving to a JPEG file, the file size is reduced by deleting some of the color information (lossy compression). This can result in a fuzzy and unintelligible image. If you want a high quality photographic image with a small file size, use a lossy compression of 60%-80%.

Do not use JPEG for illustrations, cartoons, lettering, or other images with very sharp edges. Edges are easily blurred when saving JPEG, unless you use a very small amount of compression.

GIF files. GIF files are best used with images of 256 or fewer colors. This file type is superior at creating clarity and very small file size, and GIFs are a great format for use in Web pages. Use GIF for illustrations, cartoons, and images with distinct blocks of color.

GIF files also use lossy compression. In newer programs such as Photoshop, ImageReady, Illustrator, and Fireworks, you have complete control over which colors are deleted during compression. It is a good idea to become educated in using your software's Web export tools to get a good-looking GIF.

Do not use GIF files for photographs or highly complex images. The file format simply cannot handle all those colors, and the file size becomes huge.

PNG files. The Portable Network Graphics (PNG) format was designed to replace the older and simpler GIF format and, to some extent, the much more complex TIFF format. PNG provides a useful format for storage of all your images, and it can be used as a Web image format in the newer browsers.

PNG's compression does not delete any colors or information, so saving over and over again will not degrade its quality. Also, PNG fully supports both photographs and illustrations, and can render millions of colors with the sharp detail of a GIF.

If you want a high quality PNG, make sure you save your file as 24-bit in your Web export settings. Any lower bit depth will give you a fuzzy image.

EPS files. The Encapsulated PostScript (EPS) vector format is a reliable and consistent file format. It is widely recognized in desktop publishing and word processing packages on Windows, Unix, Linux, and Macintoshes. This is an excellent choice when printing vector-based, non-pixilated images. This format also supports CMYK color used in printing, so it is widely supported at print shops, including University Printing Services.

TIFF files. The Tagged Image File Format (TIFF) is a very widely used bitmap format and can produce publication-quality graphics if you use a high-resolution setting (such as 200 or 300 dots per inch or dpi).

Many use TIFF files to archive photos and other important images. One major drawback to this scheme is the extremely large file size of TIFFs. As a result, TIFF files are slowly being replaced with other formats such as PNG.

So, what format should you use? You must first base your decision on the type of image: vector or pixilated. Then you might want to export several types of formats to choose the very best looking image versus file size. You will quickly learn what image formats work best for your basic images.

For more information please contact Laura Dahl (laura@neuro.utah.edu or 801-585-3150) or visit Laura's list of tutorials at http://www.neuro.utah.edu/resources/multimedia.

Good News About Scholarly Publishing

Mary E. Youngkin, Head of Public Services
Spencer S. Eccles Health Sciences Library

PLoS (Public Library of Science) and BMC (BioMed Central) Dr. Ivor J. Benjamin, chairman of the Division of Cardiology, University of Utah Health Sciences Center, has been appointed to the editorial board of the soon to be launched open access journal, PLoS Medicine. We congratulate Dr. Benjamin on this honor and applaud his support of the Open Access movement.

To submit a manuscript to PLoS Medicine, go to http://medicine.plosjms.org/

The Spencer S. Eccles Health Sciences and the J. Willard Marriott, support publication in the open access journals of the Public Library of Science and BioMed Central by underwriting institutional memberships. These open access publishers offer a new model in which publishing costs are paid by author fees versus subscriptions. Because of library memberships, University of Utah authors may publish in BMC journals at no cost to themselves, and PLoS authors receive a 20% discount off the publication fees of $1200-$1500 per article. Most university authors are already paying thousands of dollars of page charges, color reproduction fees, etc. per year in order to publish in commercial publications. Both PLoS and BMC will waive publication fees in the case of financial hardship of authors, no questions asked.

To date, a total of 68 University of Utah authors have contributed to 25 papers published by the open access publisher, BioMed Central (BMC), and their work is being seen. For example, to date, an article by Johnson K, et al in Crit Care,

continues on page 7

RefWorks: Web-based Bibliographic Management Tool Available

The University of Utah has purchased a site license for RefWorks, a web-based bibliographic management tool. RefWorks users can create their own personal database by importing references from online databases such as PubMed. These references can then be used in writing a paper and for formatting the bibliography in an appropriate output style.

RefWorks allows you to

- Organize and create a personal database online. Everything is done automatically as you import the reference into RefWorks.
- Format bibliographies and manuscripts in seconds – this saves hours of typing time and decreases the number of errors in creating bibliographies. Changes can be easily made to your paper and bibliography in seconds.
- Import references from a variety of databases using the already created Import Filters.

RefWorks automatically creates author, descriptor and periodical indexes when importing references. This makes searching your database fast and efficient. **Quick Search** searches all fields for comprehensive results, while **Advanced Search** narrows your search to specific terms and fields.

As a web-based product, RefWorks is available to users across various platforms including Windows, Mac, Unix, etc.

To access the program go to http://www.refworks.com/refworks First-time users need to sign up for an individual account following the screen prompts. Once you have established an account you have full access to RefWorks.

The Spencer S. Eccles Health Sciences Library will be offering a RefWorks introductory course Fall Semester. Contact Jeanne Le Ber (801-585-6744 or jeannele@lib.med.utah.edu) for class dates and times, or visit the workshops and classes Web page at http://registration.med.utah.edu/ classes.cfm?textonly=false

Access Grid Available for Use

The Spencer S. Eccles Health Sciences Library, in collaboration with the Center for High Performance Computing (CHPC), has installed an Access Grid (AG) node. With technical support from Jimmy Miklavcic of CHPC, high-end audio and visual equipment have been placed in the library's History of Medicine Room, enabling state-of-the-art interactive, multi-media collaborations. Access Grid (AG) is used for large-scale distributed meetings, collaborative work sessions, seminars, lectures, tutorials, and training. The AG technology was developed by the Futures Laboratory at Argonne National Laboratory and is now used at over 150 institutions worldwide. For more information visit http://www.accessgrid.org/

Faculty and staff wishing to utilize this new technology for communication or collaboration with colleagues should contact Nancy Lombardo (nancyl@lib.med.utah.edu or 801-581-5241).

Library Survey Begins!

The University of Utah is sponsoring a library cost study using statistical sampling at the Spencer S. Eccles Health Sciences Library as well as the J. Willard Marriott Library during Fiscal Year 2005. Surveys will be conducted twice a month at the Eccles Library and once a month at Marriott Library for a period of only two hours. The survey is being done at the Library's main entrances and through the Web by logging into the library website. An outside consultant has been hired by the University to help with the design of the survey, data collection and analysis. We are asking patrons who visit the libraries or websites during survey times to cooperate by filling out the survey form each time you visit.

Data collected during the cost study will help the University learn how library resources are utilized. If you have any questions please call Joan Stoddart, Deputy Director at the Eccles Library at 801-587-9051 or Wanda Ramos, Assistant Manager in Governmental Accounting at 801-581-5635.

Look for Wireless Logo on Campus!

The University of Utah Wireless Committee has prepared a Wireless sign to be placed at locations on campus where wireless networking is available. The intent is to make students, staff and faculty aware of wireless access across the campus. Look for the signs on and around buildings and departments offering wireless services.

Additional information about wireless network access on campus can be found on the Wireless website. A map of wireless access is linked at:http://wireless.utah.edu/global/ support/campus_wireless_map.html

Library Workshops and Classes

Tours and Orientations
To schedule call 801-581-5534 or email Mary McFarland at marym@lib.med.utah.edu

Access Part 1	**History of Medicine**
Monday, October 4, 2004	10:00 A.M.-Noon
Monday, November 8, 2004	9:00 A.M.-11:00 A.M.
Access Part 2	**Large PC Lab**
Wednesday, October 6, 2004	10:00 A.M.-Noon
Monday, November 15, 2004	10:00 A.M.-Noon
Access Part 3	**Large PC Lab**
Thursday, October 7, 2004	10:00 A.M.-Noon
Wednesday, November 17, 2004	10:00 A.M.-Noon

Basic Design
By request for groups of four or more; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

Bibliographic Management

EndNote (version 8)	**Small PC Lab**
Friday, September 17, 2004	2:00 P.M.-4:00 P.M.
Wednesday, October 6, 2004	9:00 A.M.-11:00 A.M.
Wednesday, October 27, 2004	2:00 P.M.-4:00 P.M.
Friday, November 12, 2004	2:00 P.M.-4:00 P.M.
Wednesday, December 1, 2004	9:00 A.M.-11:00 A.M.

Contribute
By request for groups of four or more; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

Dreamweaver, Part 1 and 2
By request for groups of four or more; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

Excel Essentials, Part 1	**Large PC Lab**
Wednesday, September 15, 2004	10:30 A.M.-Noon
Monday, October 18, 2004	10:30 A.M.-Noon
Tuesday, December 7, 2004	10:30 A.M.-Noon
Excel Essentials, Part 2	**Large PC Lab**
Wednesday, September 22, 2004	10:30 A.M.-Noon
Monday, October 20, 2004	10:30 A.M.-Noon
Tuesday, December 9, 2004	10:30 A.M.-Noon
Grant Writing and Research	**Large PC Lab**
Friday, September 17, 2004	9:00 A.M.-11:00 A.M.
Friday, October 15, 2004	9:00 A.M.-11:00 A.M.
PowerPoint, Basic Presentations	**Large PC Lab**
Wednesday, September 15, 2004	2:00 P.M.-4:00 P.M.
Thursday, September 22, 2004	9:00 A.M.-11:00 A.M.
Friday, October 8, 2004	2:00 P.M.-4:00 P.M.
Monday, October 25, 2004	2:00 P.M.-4:00 P.M.
Monday, November 1, 2004	2:00 P.M.-4:00 P.M.
Friday, December 10, 2004	2:00 P.M.-4:00 P.M.
PowerPoint, Advanced Techniques	**Large PC Lab**
Tuesday, October 5, 2004	9:00 A.M.-11:00 A.M.
Thursday, October 28, 2004	2:00 P.M.-4:00 P.M.
Tuesday, November 30, 2004	9:00 A.M.-11:00 A.M.

PowerPoint, Animation Part 1 and 2
By request for groups of four or more; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

PowerPoint, Posters	**Large PC Lab**
Wednesday, October 6, 2004	2:00 P.M.-3:00 P.M.
Friday, December 3, 2004	2:00 P.M.-3:00 P.M.
PubMed MEDLINE Basics	**Large PC Lab**
Wednesday, September 22, 2004	2:00 P.M.-3:30 P.M.
Thursday, October 21, 2004	2:00 P.M.-3:30 P.M.

Additional classes will be scheduled. Please check the website for updated class list.

RefWorks	**Small PC Lab**
Friday, October 8, 2004	2:00 P.M.-4:00 P.M.
Tuesday, October 26, 2004	9:00 A.M.-11:00 A.M.
Thursday, November 18	8:00 A.M.-10:00 A.M.
Scanning with Adobe Photoshop	**Small PC Lab**
Monday, September 27, 2004	2:00 P.M.-4:00 P.M.
Tuesday, November 9, 2004	9:00 A.M.-11:00 A.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Online registration is required for all classes. For more information see the Eccles Library Web page at **http://registration.med.utah.edu/classes.cfm?textonly=false** or please call 801-581-7535 or 801-585-6744.

EndNote Version 8 Available

EndNote version 8 is now available from the Office of Software Licensing (http://www.osl.utah.edu) for University of Utah faculty, staff and graduate students.

EndNote 8 has been totally reprogrammed. The new version offers Unicode support for any language, unlimited library size, new reference types and fields, and enhanced support for electronic resources. Because of this change, EndNote 8 is not backwards compatible.

Unicode Support: Unicode covers all principal languages of the Americas, Europe, the Middle East, Africa, Asia and the Pacific Rim. EndNote 8 users can cite references and create bibliographies for their papers using any language.

Expanded Library Capabilities: EndNote 8 offers unlimited storage capacity. There is no limit to the number of citations that can be added to a library. In addition, long abstracts and notes can be accommodated with up to ten pages of text (50KB). In response to the increasing variety of electronic resources EndNote 8 provides new reference types including Electronic Book, Electronic Journal and Online Database as well as new reference fields such as Link to PDF, Electronic Resource Number and Last Modified Date.

Consumer Health Information in the News

Compiled by Liz Workman, Clinical Librarian
Hope Fox Eccles Clinical Library

Report Addresses Credibility of Online Data
Earlier this year, Consumer Webwatch and the Health Improvement Institute released the findings of two studies addressing online consumer health information (CHI), highlighting problematic issues in evaluating and utilizing CHI.

The first study, "A Report on the Evaluation of Criteria Sets for Assessing Health Web Sites," analyzed various sets of criteria used to evaluate CHI. Researchers found 22 separate sets of criteria, with a total of 466 criteria elements. They identified the top ten individual criteria elements found among the sets. None of the criteria sets addressed all of the researchers' own evaluation criteria. Only one quarter of the sets were self-identified as "consumer friendly," and of these, only 40% were rated as consumer friendly by the researchers. The study's findings are available at http://www.consumerwebwatch.org/news/health/goldschmidt_report.pdf.

The second study, from the Annenberg School for Communication at the University of Pennsylvania, looked at how the medical and popular media view online health information. The study found that while the professional medical media prominently addresses the issue of clinical accuracy of online data, the popular media does not adequately highlight this concern. The study also outlines several other problematic subjects. It is available at http://www.consumerwebwatch.org/news/health/Turow_Report.pdf.

Consumer Webwatch is a project of the Consumer Union, the non-profit group that publishes Consumer Reports. An overview of the two studies is at http://www.consumerwebwatch.org/news/health/index.html.

"And Now for Something Completely Different" Patient Toolkit from NHS
The National Health System, Britain's publicly funded healthcare service, has produced an online toolkit to assist providers who treat patients in the emergency room. "The Patient Toolkit" guides providers in reducing E.R. anxiety through appropriate facility information, signage, and more. Much of the toolkit is targeted to specific patient audiences, and includes a link to a useful multilingual phrasebook from the Red Cross. Check out the toolkit at http://www.dh.gov.uk/assetRoot/04/08/13/48/04081348.pdf

Support Available for Faculty Use of New Technologies in the Classroom

The Spencer S. Eccles Health Sciences Library provides services, support and resources for faculty course development and enhancement. The library staff can help faculty take full advantage of the latest instruction techniques, technologies and tools.

What can we do for you?
Services include scanning slides, transparencies and overheads to digital images; scanning and placing materials on electronic reserve; providing mobile curriculum tools and applications (handheld devices, laptop computers, Tablet PCs, and wireless network utilization); and access to our digital video studio (tools for creating video content, broadcast, store and replay lectures, special events and speakers).

Support services include teaching evidence-based searching skills; teaching information literacy skills; help converting your course to WebCT; providing student orientations to the Eccles Library; developing distance and continuing education tools and materials; providing instruction in the use of databases (PubMed, CINAHL, etc.), software applications (PowerPoint, Excel, Access, etc.), HTML and Web building tools (Dreamweaver, etc.) and bibliographic management (EndNote, Reference Manager, RefWorks).

Resources include help identifying and acquiring materials for your course, access to over 500 databases, and full-text access online to textbooks and journals.

If you are interested in learning more about these services contact Jeanne Le Ber, Education Services (jeannele@lib.med.utah.edu or 801-581-5534).

Blue Ribbon Winner

The Spencer S. Eccles Health Sciences Library's Utah Consumer Health Information Initiative was awarded a 2004 NCLIS Blue Ribbon Consumer Health Information Recognition Award. The National Commission on Libraries and Information Science provides this award to highlight libraries that do the most to promote a healthy lifestyle.

Award winners are chosen based on the overall success of the library's consumer health information services program, with particular emphasis on the program's potential impact, innovativeness, and replicability. Winning entries are compiled into a report of best practices in consumer health information distribution done through libraries. The report is published by NCLIS.

Congratulations to Sally Patrick, Project Director, Utah Consumer Health Information Initiative and John Bramble, Outreach Librarian.

Library and Information Technology Forum Fall Schedule

The Spencer S. Eccles Health Sciences Library sponsors a series of brown bag seminars related to library and information technologies. The Library and Information Technology Forum is generally held the second Wednesday of the month in Classroom B or C in the School of Medicine from 12:05 until 1:00 P.M. Sessions provide an opportunity for faculty, staff and students to learn about new computer technologies and electronic information sources. Visit our website.

The September 8 LIFT Forum, *Update on the Health Sciences Education Building*, will be presented by Wayne Peay, Director, Eccles Library. With the opening of the Health Sciences Education Building less than two years away, this presentation will review building progress. Major areas of interest will be discussed, including AV/IT, networks, the Café menu, scheduling and the public art installations

Forum Schedule: Classroom B or C from 12:05 to 1:00 P.M.

- September 8—Wayne Peay—*Update on the Health Sciences Education Building (B)*
- October 13— David A. Morton—*The use of TK3 Author in authoring, publishing and distributing eBook medical course content* (C)
- November 10—Sharon Dennis, Claire Hamasu and Susan Roberts—*"Can you hear me now?": Internet Collaboration Tools using Video, Audio and Chat*(B)
- December 8—Carole Gassert—Using the Simulation Lab for Teaching (B)

Slice of Life Workshop Report

The 16th Slice of Life Workshop on Technology and New Media in Education was held in Amsterdam and Leiden in June 2004. Sponsored by the Spencer S. Eccles Health Sciences Library and the Universities of Amsterdam and Leiden, the conference was a great success due to the extraordinary efforts of the Dutch Organizing Committee. Many of the Eccles Library staff participated including: John Bramble, Sharon Dennis, Shonna Dippie, Claire Hamasu, Jeanne Le Ber, Susan Roberts, Brad Schaefer and Suzanne Stensaas. The program and abstracts can be seen at http://www.slice.gsm.com

Slice of Life at APMEC: A Day Focused on Technology Enhanced Medical Education is scheduled for December 11, 2004 following two days of workshops and two days of meetings in Asia. The Asia-Pacific Medical Education Conference is sponsored by the National University of Singapore. This year's meeting is still being developed, but the dates are firm, December 7-11, with a special theme: **Assessment TIPS** (Trends, Issues, Priorities, Standards). Consider attending and submitting an abstract. Follow the meeting plans at http://www.med.nus.edu.sg/events/apmec/

continued from page 3

2002; 6 (5): 439-446 has been viewed online 3783 times since its publication in July 2002.

"Houses" Get Involved in STM Publishing and Open Access After an eight month inquiry into the practices of large Scientific Technical Medical (STM) Publishers, the UK House of Commons Science and Technology Committee issued its detailed report, **Scientific Publications: Free for All?,** online at http://www.publications.parliament.uk/pa/cm200304/cmselect/cmsctech/399/399.pdf The report examines issues of scholarly communication in depth. It urges governmental involvement in resolving problems of access to scientific information by supporting institutional repositories, open access to scientific information, and investigating copyright retention and the "pay to publish" model of scientific publication.

At the same time, the US House Appropriations Committee recommended to NIH that the fulltext of articles published as the result of NIH-funded research be deposited in PubMed Central, the National Library of Medicine's open access digital archive, and made freely available to all within six months of publication or immediately if NIH funds were used to pay for publication.

In response to the NIH announcement, SPARC (Scholarly Publishing and Academic Resources Coalition) has created a Web page to educate and involve taxpayers: *Taxpayer Access: Open access to tax-payer funded research* at http://www.arl.org/sparc/core/index.asp?page=o3 To see a summary and comparison of the "House" actions, or to keep current on all aspects of open access publishing, see the *SPARC Open Access Newsletter*, edited by Peter Suber, http://www.earlham.edu/~peters/fos/newsletter/08-02-04.htm

IAIMS Newsletter *Deadline and Mailing List*

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)
Assistant Editor: Allyson Mower (amower@lib.med.utah.edu)

The deadline for the Spring 2005 issue of the *IAIMS Newsletter* is Monday, January 3, 2005.

The *IAIMS Newsletter* is available electronically at **http://medlib.med.utah.edu/or/iaims/iaims.php**

To receive a copy of the electronic version in PDF format, go to http://lib.med.utah.edu/mailman/listinfo/iaims, enter your email address and name (optional), and click on the Subscribe button. You will receive an email stating the newsletter has been published with a link to the pdf copy.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5890
VOICE: 801-585-6744; FAX: 801-581-3632
EMAIL: jeannele@lib.med.utah.edu

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Visit the newly redesigned Eccles Library website. Same URL.

The Spencer S. Eccles Health Sciences Library

Fall Semester 2004 Hours

Hours are subject to change—Call 801-581-8773 for current hours

Fall Semester Hours August 23 to December 17

Monday to Thursday	7:00 A.M-11:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-8:00 P.M.
Sunday	11:00 A.M.-11:00 P.M.

Special Hours: Thanksgiving

Wednesday, November 24	7:00 A.M-8:00 P.M.
Thursday, November 25	Closed
Friday, November 26	8:00 A.M-5:00 P.M.

Extended Hours for Exams

Friday, December 10	7:00 A.M-11:00 P.M.
Saturday, December 11	9:00 A.M-11:00 P.M.

Fall Semester Break Hours: December 18 to January 2

Monday to Friday	8:00 A.M-5:00 P.M.
Saturday	9:00 A.M-6:00 P.M.
Sunday	Closed
Christmas, December 25	Closed
New Years Day, January 1, 2005	Closed

Regular Spring Semester hours begin Monday, January 3, 2005

Phone Numbers

Acquisitions	801-587-9247
Administration	801-581-8771
Hours/Renewals	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4685
Gifts to Library	801-587-9247
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Media Services	801-581-8052
Outreach	801-587-3493
Regional Medical Library	800-338-7657
	801-587-3412
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

The *IAIMS Newsletter* is published 3 times a year (August, January, May), with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah
Editor: Jeanne Le Ber
Phone: 801-585-6744
Fax: 801-581-3632
Email: jeannele@lib.med.utah.edu
URL: http://medlib.med.utah.edu/

IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

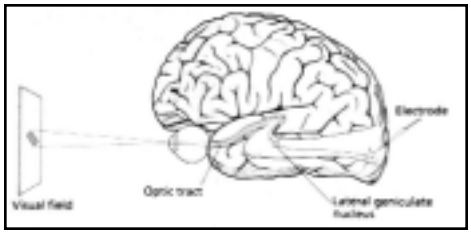
Summer 2002 Volume 17 Number 3

Neurovisual Disorders Video Collection

Dr. Shirley Wray, a pre-eminent neurologist from Harvard Medical School and the Massachusetts General Hospital, has offered to allow the Spencer S. Eccles Health Sciences Library to digitize her remarkable video archives of teaching cases in neurology and neurovisual disorders. Dr. Wray's library, built over 30 years, inclusive of presentations at Harvard Medical School post-graduate courses, is unique. Dr. Wray has collected approximately 60 tapes each holding 6 or more patient cases equaling 360 to 400 cases on master tapes. Each video documents the history interview and clinical signs.

Dr. Wray's collection of both adults and children videos includes a number of rare cases; for example, the index case for the Anti-Ri antibody, a marker for paraneoplastic opsoclonus associated with carcinoma of the breast. The collection also includes an interview with Dr. David H. Hubel, 1981 Nobel Laureate in medicine, discussing the work that led to discoveries concerning information processing in the visual system. Currently, this collection is not indexed in any database and is available only to Dr. Wray and her students. Dr. Wray has agreed that, if digitized, this outstanding collection of digital cases can be made available worldwide for non-profit educational purposes.

The Eccles Library digital video studio, managed by Nancy Lombardo, Systems Librarian and Derek Cowan, Digital Video Technician, will convert the collection from VHS and 3/4 inch tape to a variety of digital formats. The entire collection will ultimately be available to non-profit educational users around the world via the Internet.



All materials digitized will be copyrighted to Dr. Wray. All materials in the collection will retain copyright information in the metadata attached to the item. Those faculty or students who use the materials for educational purposes will be required to credit the author just as they would be required to credit material used from a textbook or journal article.

Education Services Web Page

The Spencer S. Eccles Health Sciences Library's **Education Services** Web page links to the current list of Library Workshops and Classes, handouts for most classes, and tip sheets for selected databases. For the student beginning a research project, there is a link to Research Tools highlighting the best resources available by subject: consumer health, gerontology, medicine, nursing, nutrition, occupational therapy and pharmacy.

Additional links lead to Online Tutorials and Classes, Library Presentations and Publications (including the Library and Information Technology Forum, the *IAIMS Newsletter* and InfoFair) and Library and Academic Interest Readings.

The Education Services Web page is available at **http://medlib.med.utah.edu/library/edumaterials/eduservices/eduservices.html**

Faculty who would like to incorporate instruction in the use of online databases and electronic resources into their class assignments should contact Jeanne Le Ber, Education Librarian at 801-585-6744 or jeannele@lib.med.utah.edu.

In This Issue

Neurovisual Disorders Video Collection 1
Education Services Web Page 1
Introducing . . . Molly Youngkin 2
NCME Video Update 2
Environmental Toxins: Resources that Could Save Your Life 3
InfoFair 2002 Summary 4
Library Workshops and Classes 5
Acquisition Additions 5
Medical Genetics--Linking Diseases to Genes 6
Eccles Library Personnel Changes 6
Awards and Participation at ULA 7
Web Programmer /Systems Administrator 7
IAIMS Newsletter Deadline and Mailing List 7
Summer Library Hours and Phone Numbers 8

Introducing . . . Molly Youngkin

Outreach/Education Librarian
Spencer S. Eccles Health Sciences Library

The “Introducing ...” column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Molly Youngkin.

"So...what can I do with a bachelors in biology?" was the question upmost in my mind when I graduated from Iowa State University in Ames, Iowa all those years ago. Luckily, a wonderful roommate with a similar conundrum directed me toward a degree in Library Science and, well, the rest is history.

With a Masters Degree from the University of Iowa, Iowa City, and a bachelor’s in the sciences, the field of medical librarianship became a very credible profession to pursue. My first real opportunities helping health professionals occurred at Children's Hospital of Wisconsin in Milwaukee. As the hospital librarian, I had the very pleasurable experience of working with pediatric physicians, nurses and allied health workers. I was on the team of health providers who gathered information about the first Children's Hospital documented case of Munchausen Syndrome by Proxy, a serious child abuse case. Later, I was able to play detective to help several health providers determine the contents of a 2-liter coke bottle that a teenager had found at the end of his driveway and had subsequently drank. My experiences as a hospital librarian as well as clinical librarian for the Medical College of Wisconsin were highly varied, always interesting, and exceptionally educational.

In my desire to move west, I took the wonderful knowledge given me in Wisconsin and moved to accept the position of Education Coordinator for the National Network of Libraries of Medicine, Midcontinental Region, Omaha, Nebraska formerly based in the McGoogan Library of Medicine, University of Nebraska Medical Center. The NN/LM-MR is one regional office of the larger National Library of Medicine, the federal agency responsible for creating the very popular MEDLINE database. As Education Coordinator and later, Outreach Coordinator, I was able to travel and teach in Utah, Colorado, Wyoming, Missouri, Kansas and Nebraska. I had the best of all worlds. I could teach, write, exhibit at national and regional health care conferences, work with fellow librarians and help answer clinical questions from health professionals. I was there for the joys; the introduction of Internet Grateful Med, PubMed and then MEDLINE*plus* (a wonderful website of medical information for the general public). And I was there for the less than stellar situations such as the time my Grateful Med presentation was cancelled because the roof of the building I was in collapsed and rainwater was pouring into the Director's office. Paramount to everything else, I have worked with really terrific people who have the strongest aspirations of going that extra mile for their patron.

Now, as the new Outreach/Education Librarian for Eccles Library, I look forward to working with the talented information and health professionals in Utah. I will continue to present classes on accessing health-related topics and hope to serve as a liaison between the quality resources of the Eccles Library and those who need assistance finding this data. And I look forward to traveling in the beautiful state of Utah!

NCME Video and DVD Update

The Spencer S. Eccles Health Sciences Library subscribes to the Network for Continuing Medical Education (NCME) Videos. Title recently received by the library include the following:

VT3 2001-19	Health Services Research: A Historical Perspective
VT3 2002-20	Breath of Life: A Tour of NLM's Exhibition
VT3 2001-21	Bioterrorism and the Healthcare Epidemiology/Infection Control Team
VT3 2001-22	Multiple Sclerosis, Parts I and II
VT3 2001-23	Contemporary Management of Syncopal Patient
VT3 2002-1	Smallpox: What Every Clinician Should Know
VT3 2002-2	Movement Disorders, Volume 16, Issues 1-3
VT3 2002-3	Childhood Obesity I: Clinical Evaluation and Treatment
VT3 2002-4	Childhood Obesity II: Prevention and Community Intervention
VT3 2002-5	The Secret Life of the Brain-Part 1 The Baby's Brain: Wider Than the Sky
VT3 2002-6	The Secret Life of the Brain-Part 2 The Child's Brain: Syllable from Sound
VT3 2002-7	The Secret Life of the Brain-Part 3 The Teenage Brain: A World of Their Own
VT3 2002-8	The Secret Life of the Brain-Part 4 The Adult Brain: To Think by Feeling
VT3 2002-9	The Secret Life of the Brain-Part 5 The Aging Brain: Through Many Lives
VT3 2002-10	Diagnosis and Management of Chronic Obstructive Pulmonary Disease
VT3 2002-11	Effects of Exercise on Female Health and Reproduction
VT3 2002-12	Movement Disorders, Volume 16, Supplement 2/2001

Tapes and DVDs can be viewed and/or checked out at the Public Services desk on the main level of the Eccles Library. Any questions you have about NCME videos can be directed to Nancy Litz at 801-581-8052 or nelitz@lib.med.utah.edu.

Environmental Toxins: Resources That Could Save Your Life

Jeanne Le Ber, Education Services Librarian
Nancy Lombardo, Systems Librarian
Spencer S. Eccles Health Sciences Library

GOVERNMENT WEB SITES:

Agency for Toxic Substances and Disease Registry
http://www.atsdr.cdc.gov/
ATSDR's mission is to serve the public by using the best science, taking responsive public health actions, and providing trusted health information to prevent harmful exposures and disease related to toxic substances.

Centers for Disease Control and Prevention
http://www.cdc.gov
The Centers for Disease Control and Prevention (CDC) is recognized as the lead federal agency for protecting the health and safety of people, at home and abroad, providing credible information to enhance health decisions, and promoting health through strong partnerships. CDC serves as the national focus for developing and applying disease prevention and control, environmental health, and health promotion and education activities designed to improve the health of the people of the United States.

Environmental Protection Agency (EPA)
http://www.epa.gov/
The EPA is the primary federal agency responsible for regulating, monitoring, enforcing and setting standards relating to environmental toxins. Their site has an enormous amount of information. The complexity of the agency and it's myriad sub-units can cause some navigational confusion. Some links within the EPA site of particular interest are:

AIR
EnviroFacts Toxic Release Inventory
http://www.epa.gov/enviro/index_java.html
National Ambient Air Quality Standards (NAAQS)
http://www.epa.gov/airs/criteria.html
Plain English Guide to the Clean Air Act
http://www.epa.gov/oar/oaqps/peg_caa/pegcaain.html

WATER
Ground Water and Drinking Water
http://www.epa.gov/safewater/
List of Regulated Contaminants in Water
http://www.epa.gov/safewater/mcl.html
Water on Tap: A Consumers Guide
http://www.epa.gov/safewater/wot/ontap.html

LAND
Office of Children's Health Protection
http://www.epa.gov/children/
Pesticides and Food -
http://www.epa.gov/pesticides/food/
Soil Contaminents -
http://www.epa.gov/ebtpages/pollsoilcontaminants.html

Food and Drug Administration
http://www.fda.gov/
FDA's mission is to promote and protect the public health by helping safe and effective products reach the market in a timely way and monitoring products for continued safety after they are in use. Their work is a blending of law and science aimed at protecting consumers.

National Center for Environmental Health (NCEH)
http://www.cdc.gov/nceh/
A component of the centers for Disease Control and Prevention (CDC), the NCEH was established to provide national leadership, through science and service, that promotes health and quality of life by preventing or controlling those diseases, birth defects, disabilities, or deaths that result from interactions between people and their environment.

National Institute of Environmental Health Sciences
http://www.niehs.nih.gov/
A component of the National Institutes of Health (NIH), the National Institute of Environmental Health Sciences (NIEHS) works to reduce the burden of human illness and dysfunction from environmental causes by understanding environmental factors, individual susceptibility and age and how they interrelate. The NIEHS includes the National Toxicology Program - *http://ntp-server.niehs.nih.gov/*

ONLINE DATABASES:

Materials Safety Data Sheets (MSDS)
http://www.msdssearch.com/
The purpose of a Material Safety Data Sheets (MSDS) is to inform industrial purchasers and users of hazardous chemicals of the reasonably foreseeable physical and chemical hazards that may arise from the use of those chemicals. The MSDS includes precautions for normal use, handling, storage, disposal, and spill cleanup.

PubMed
http://www.ncbi.nlm.nih.gov/PubMed/
PubMed, a service of the National Library of Medicine, provides access to over 11 million MEDLINE citations back to the mid-1960's and additional life science journals. PubMed includes links to many sites providing full text articles and other related resources. Includes the Toxicology subset of citations.

TOXNET
http://toxnet.nlm.nih.gov/
TOXNET is sponsored by the National Library of Medicine, through the Toxicology and Environmental Health Information Program of its Specialized Information Services Division. The TOXNET databases provide access to toxicology data, literature and chemical information. Databases include CCRIS (Chemical Carcinogenesis Research Information System), ChemID*plus*, DART/EMIC (Developmental and Reproductive Toxicology), GENE-Tox, HSDB (Hazardous Substances Databank), IRIS (Integrated Risk Information System), NCI-3D, TOXLINE, and TRI (Toxic Release Inventory). **Toxicology Tutorials** are available at *http://sis.nlm.nih.gov/Tox/ToxTutor.html*

continued on page 4

ORGANIZATION WEB SITES:

Environmental Working Group
http://www.ewg.org/
The Environmental Working Group (EWG) is a not-for-profit environmental research organization dedicated to improving public health and protecting the environment by reducing pollution in air, water and food.

ScoreCard
http://www.scorecard.org/
ScoreCard is a comprehensive online tool for monitoring and taking action on chemical releases and other forms of pollution nationwide and locally. It is maintained by Environmental Defense, a non-profit organization, dedicated to protecting the environmental rights of all people. This site provides excellent interpretive information. Most of the interpreted data is gathered from EPA and related agency sources.

UTAH WEB SITES:

Utah Department of Environmental Quality (UDEQ)
http://www.deq.state.ut.us/EQAIR/aq_home.htm
UDEQ is the primary state agency responsible for local monitoring and enforcement of federal regulations. This department has divisions that focus on air, water and land. The site has a limited amount of information, but provides some good local data and some leads to external sites with more detail. See Interactive Map at *http://www.deq.state.ut.us/MAPS/*

Families Against Incinerator Risk (FAIR)
http://www.fair-utah.org/

Healthy Environment Alliance of Utah (HEAL)
http://www.healutah.org/

InfoFair 2002 Summary

InfoFair 2002 featured Valerie Florance, Ph.D., Extramural Programs Officer at the National Library of Medicine as the keynote speaker. Dr. Florance incorporated this year's theme of hunting, gathering and delivering in the information age into her presentation, *Binding Knowledge to Effective Action.* In her remarks, Valerie examined the future, assessed the present, established the challenges and presented strategies for advancing in an era of rapidly evolving health care information technologies.

Using data collected from the *better_health* Delphi Studies, and using a survey question related to "how computers and the Internet will change the delivery of health care over the next decade," a list of health care and research essentials was envisioned for the year 2010. Health care essentials include supporting the needs of consumers, addressing local, regional, national and global information technology issues for organizations, and proving the benefits of information systems to reduce patient errors and improve outcomes. Research essentials include using virtual/remote technologies, establishing new publishing models, creating regional clinical and research Internet accessible databases, and developing effective tools for finding, delivering and managing data.

Dr. Florance discussed "coming of age in IAIMS," reviewing the history of the Integrated Advanced Information Management Systems program, the current status and hopes for the future. The IAIMS legacy (1984-2001) has resulted in grants to 42 institutions in the amount of $50 million. Looking to the future, Dr. Florance suggests there is a need to provide informatics training for everyone, develop new digital resources, implement standards, develop software and conduct studies on costs, benefits and outcomes of technology interventions.

Returning to the *better_health* Delphi Studies, Dr. Florance evaluated the 21st century information space, what's in place now and what needs to be in place for the future delivery of information. Binding knowledge to action in the future will require real-time online access to information in one context that was created in another, commonality of syntax and semantics, information expertise at the scene, a shift to emphasis content, and involvement of large and small health-related organizations.

Dr. Florance concluded with two strategies for binding knowledge to action. Strategy #1 envisions the next-generation IAIMS with the goal of comprehensive and convenient information management systems that bring useful, usable knowledge into action settings in health care, education and research. Strategy #2 suggests the need for an Informationist, a cross-trained clinical information specialist with a background in clinical sciences and information sciences.

A Meet the Experts panel discussion, moderated by Wayne Peay, followed Dr. Florance's remarks. Rick Ash, Julio C. Facelli, and Reed M. Gardner joined Wayne and Valerie in examining technologies' impact on education, clinical care and research.

Wayne Peay moderated the afternoon *Current Perspectives in Information Technology* panel discussion with Stephen H. Hess, Pierre Pincetl and Phillip J. Windley. Representing academic, health sciences and government interests respectively, the discussion focused on using technology to best advantage for all concerns.

Nancy Lombardo moderated the *Digital Video Update* session that featured demonstrations by Paul Burrows, Derek Cowan, Deb LaMarche and Jackie A. Smith. Each panelist brought unique and special knowledge about the use of video for education and clinical purposes.

Many thanks to Dr. Clifford C. Snyder for sponsoring the keynote presentation and thanks to all our presenters, attendees and facilitators for making InfoFair 2002 such a huge success.

InfoFair 2002 has been archived on the Eccles Library's website. To review presenters slides and view videotaped sessions. Please visit the InfoFair website at **http://medlib.med.utah.edu/library/infofair/infofair.html**

Library Workshops and Classes

Tours and Orientations
To schedule call 801-581-5534 or email Mary McFarland at marym@lib.med.utah.edu

Searching MEDLINE on PubMed & Special PubMed Features
Contact instructor to arrange a date and time; Molly Youngkin, 801-587-3493 or email molly@lib.med.utah.edu

Bibliographic Management

EndNote (version 5)	**Small PC Lab**
Wednesday, June 19, 2002	2:00 P.M.-4:00 P.M.
Wednesday, July 31, 2002	2:00 P.M.-4:00 P.M.
BLAST: Similarity Searching	**Small PC Lab**
Tuesday, June 11, 2002	9:30 A.M.-11:30 A.M
Thursday, June 27, 2002	1:00 P.M.-3:00 P.M.
Environmental Toxins Resources	**Large PC Lab**
Friday, July 12, 2002	2:00 P.M.-4:00 P.M.
Excel Essentials, Part 1	**Small PC Lab**
Wednesday, June 12, 2002	10:00 A.M.-11:00 A.M.
Wednesday, July 17, 2002	10:00 A.M.-11:00 A.M.
Wednesday, July 31, 2002	10:00 A.M.-11:00 A.M.
Excel Essentials, Part 2	**Small PC Lab**
Friday, June 14, 2002	10:00 A.M.-11:00 A.M.
Friday, July 19, 2002	10:00 A.M.-11:00 A.M.
Friday, August 2, 2002	10:00 A.M.-11:00 A.M.
HTML, Beginning	**Large PC Lab**
Thursday, June 13, 2002	1:00 P.M.-4:00 P.M.
HTML, Intermediate	**Large PC Lab**
Friday, June 14, 2002	1:00 P.M-4:00 P.M.
Medical Genetic Resources	**Small PC Lab**
Friday, June 7, 2002	10:00 A.M.-Noon
Monday, June 17, 2002	2:00 P.M.-4:00 P.M.
Molecular Biology and Genetics InfoHubs Short Course	**History of Medicine**
Friday, May 17, 2002	10:00 A.M.-Noon
Wednesday, June 5, 2002	1:30 P.M.-3:30 P.M.
Thursday, June 20, 2002	10:00 A.M.-Noon
PowerPoint, Basic Presentations	**Large PC Lab**
Wednesday, June 12, 2002	2:00 P.M.-4:00 P.M.
Wednesday, July 10, 2002	2:00 P.M.-4:00 P.M.
PowerPoint, Advanced Techniques	**Large PC Lab**
Wednesday, June 26, 2002	2:00 P.M.-4:00 P.M.
Wednesday, July 17, 2002	2:00 P.M.-4:00 P.M.
Scanning with Adobe Photoshop	**Small PC Lab**
Thursday, June 20, 2002	2:00 P.M.-4:00 P.M.
Wednesday, August 7, 2002	2:00 P.M.-4:00 P.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. For more information see the Eccles Library Web page at **http://medlib.med.utah.edu/library/edumaterials/eduservices/libclasses.html** or please call 801-581-7535 or 801-585-6744.

Acquisition Additions

The Spencer S. Eccles Health Sciences Library's acquisition department regularly acquires new monographs, including new editions of popular textbooks. Be sure to browse our New Book Shelf in the library lobby.

Some books of interest and their shelf location:

Aging: Concepts and Controversies by Harry R. Moody. Updated and augmented figures and graphics using data from the Year 2000 U.S. Census—Open Reserve

Anticancer Drug Development by Bruce Baguley & David Kerr. Covers Anti-neoplastic Agents, Drug Design, Drug Therapy. General Collection

Drugs in Pregnancy and Lactation: A Reference Guide to Fetal and Neonatal Risk by Gerald G. Briggs. Drugs are listed alphabetically with citations including name, class, fetal risk summary, breastfeeding summary, and references. Also includes risk factors—Reference Section 2

Ethical Dimensions of Health Policy by Marion Danis and National Institutes of Health. Considers the actual policy problems faced by healthcare systems, and reflects on the moral values inherent in the process and content of health policy—General Collection

Foye's Principles of Medicinal Chemistry by David A. Williams and Thomas L. Lemke. New edition includes an overview of drug receptors, case studies, and an overview of the drug development process from the perspective of an industrial research scientist—Open Reserve

The Imaging of Tuberculosis: with Epidemiological, Pathological, and Clinical Correlation by Phillip E.S. Palmer. Originally written as a chapter in *The Imaging of Tropical Diseases*, this text documents the wide spectrum of tuberculosis encountered in the various organ systems, and correlates the images with clinical, laboratory, and histopathological findings—General Collection

Management of Common Problems in Obstetrics and Gynecology by Daniel Mishell. New chapters cover the latest topics such as cervical ripening and induction of labor, genetic counseling, adhesion prevention, medical abortifacients, HIV in pregnancy, and endoscopic surgery—New Book Shelf

Nursing Management Secrets by Polly Gerber Zimmerman. For Board exams-includes concise answers with pearls, tips, memory aids—General Collection

Oncologic Imaging by Bragg, Rubin, and Hricak. Includes an overview of cancer incidence and survival rates, cancer classification and staging, advances in diagnostic-radiologic imaging, specific needs of a radiation oncology treatment planning field, and more. Body of text is organized by tumor type and site—General Collection

Telephone Medicine by Anna Reisman and American Society of Internal Medicine. Text provides clinicians with an understanding of what telephone medicine is and the ways it can improve patient care—New Book Shelf

Textbook of Physical Diagnosis: History and Examination by Mark H. Swartz—Book and CD; General Collection and CD-ROM cabinet

Medical Genetics
Linking Diseases to Genes

Nicola Gaedeke, Ph.D.
Adjunct Assistant Librarian
Spencer S. Eccles Health Sciences Library

The human genome is thought to have approximately 31,000 genes within 23 pairs of chromosomes. This is only five times greater than a unicellular organism such as baker's yeast has with approximately 6000 genes. How can these few genes guide the development from fertilized egg to adult organism? Furthermore, how do they respond to the variety of environmental challenges and switch our unbalanced ways back to health? The secret lies in the complex way gene transcription is regulated.

Since genes are split into protein coding regions (exons) and non-coding sequences (introns), the assembly of exons in different ways leads to different proteins. In fact, around 60% of human genes are made from alternatively assembled exons, while the worm's is made from approximately 20%. Higher organisms such as humans, have a vast amount of regulatory proteins (zinc finger proteins for example). These proteins react to different inner-cellular states as well as to conditions that influence the cell itself. The resulting gene expression pattern is unique to a tissue and/or a condition and is called an "expression profile" or a "molecular signature."

The molecular signature together with the genome sequence is key for understanding a living organism. A number of Web pages make an effort to illustrate the ongoing work to sequence and annotate the human genome and explain the impact of the Human Genome Project on society now and in the future:

Exploring Our Molecular Selves from the National Human Genome Research Institute (NHGRI) is a multimedia educational kit at *http://www.nhgri.nih.gov/educationkit*

Dolan DNA Learning Center
http://www.dnalc.org/resources/resources.html links to **DNA from the Beginning** at *http://www.dnaftb.org/dnaftb/*

The Human Genome
http://www.wellcome.ac.uk/en/genome/default.htm from the **Wellcome Trust Foundation** in the United Kingdom *http://www.wellcome.ac.uk/*

As we know, our genome does not always works accurately. Inherited genetic disorders and cancers are examples of errors of our genetic machinery. Many different combinations of gene changes and protein interactions are seen in cancerous tissue. One goal of the Human Genome Project is to locate the genes on the chromosomes, construct a map of the genome and quickly access the information that is assigned to the gene or protein of interest. An example of such an effort is shown on a collaborative poster *Human Genome Landmarks: Selected Traits and Disorders Mapped to Chromosomes* produced by the Department of Energy in conjunction with Qiagen (*http://www.ornl.gov/hgmis/ posters/chromosome/*). The poster features the 23 human chromosomes and lists genetic disorders that can be mapped to them.

These disorders were selected from *Online Mendelian Inheritance in Man* (*http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=OMIM*), a database of human genes and genetic disorders. Victor A. McKusick's catalog of genetic traits, first published in 1966, is now available online from the National Center of Biotechnology Information (*http://www.ncbi.nlm.nih.gov*). OMIM records include phenotypic descriptions and references for genetic disorders, as well as molecular information such as allelic variations, mapping information and links to relevant molecular databases and maps.

Other databases with integrated data on genes and disease are, for example, GeneCards and GeneTestsAGeneClinics. GeneCards (*http://bioinformatics.weizmann.ac.il/cards/*), hosted at the Bioinformatics Unit of the Weizmann Institute of Science in Rehovot, Israel *(http://www.weizmann.ac.il/*), provides information on human genes compiled in a table. Many links to other resources supply the user with more information.

GeneTestsAGeneClinics (*http://www.genetests.org/*), an initiative of the University of Washington Children's Hospital Regional Center in Seattle, Washington, focuses on questions regarding practical clinical genetics. Apart from Educational Material concerning the use and application of genetic testing and genetic consultation, a Laboratory Directory as well as a Clinic Directory can be searched for providers of the genetic test of interest. In the resource category Gene Reviews, peer-reviewed, disease-specific articles can be viewed.

As the databases above reveal, the information gained from the Human Genome Project already helps to correlate a gene mutation to a disease. Molecular genetics can now be used to understand diseases during disease development and even before the onset of the pathogenic process.

Chromosome 21

For more information visit *Clinical Genetics, What does it mean?* at our Helix Helper pages (*http://medstat.med.utah.edu/library/helixhelper/ncbi101b.html*).

Eccles Library Personnel Changes

Donna Herron has taken the Administrative Secretary position. After working part-time in duplication for two years, Donna has taken a full-time position and is using her valuable accounting and organizational skills in the front office .

Sherelyn Sandberg has been promoted to Administrative Assistant. Having worked the past nine years in the front office, Sherelyn has taken on more responsibilities, including human resources, payroll, Logi-plex, travel, and catering for meetings.

Awards and Participation at the Utah Library Association Annual Conference, May 1-3, 2002

Nancy Lombardo, Systems Librarian, received the Utah Library Association's **Distinguished Service Award**. Nancy has worked cooperatively, tirelessly and effectively to enhance library services and librarianship throughout the state, the region and the world. Nancy is one of ULA's greatest fans and advocates. Her commitment to creative and innovative initiatives, her willingness to share her expertise in new technologies and her inspired teaching make her a natural choice for this award.

Amy Birks, Library Specialist, presented a program on *Mental Health Issues: Helping Patrons find the Information They Need to Improve Their Quality of Life*. Amy's program highlighted databases, Internet resources, as well as contact information for referrals.

John Bramble, Reference Librarian and **Nancy Lombardo**, Systems Librarian, presented *The ABCs of PDAs PDQ*. This program introduced present and future uses of PDA (Personal Digital Assistant) devices and discussed how this new technology may help patrons in the information seeking process.

Jeanne Le Ber, Education Librarian and **Nancy Lombardo**, Systems Librarian, presented *Environmental Toxins: Resources You'd Die Without*. Using two topics of current interest, a strategy for researching environmental toxin issues was suggested and demonstrated.

Nancy Lombardo presented *Instructional Video for the Web: Or, So You Want to Make Digital Video?* Nancy discussed a variety of issues for creating digital video, including when video is appropriate, intended audience, delivery methods and digital video formats.

Liz Workman, Clinical Librarian, presented *Creating a Digital Collection—Tips and Issues*. Liz illustrated the basic techniques and processes for scanning materials and preparing the data with Adobe software.

POSTERS:

Amy Birks and Nancy Lombardo: International Document Delivery: Global Service is Easier Than You Think!

Jeanne Le Ber and Joan Gregory: Library Recycling Issues: The Greening of the Eccles Library

Alice Weber and Molly Youngkin : Utah Health Sciences Libraries Consortium—The More the Merrier

Liz Workman: The 24 Languages Project—Health Information in Multiple Languages

Web Programmer/Systems Administrator

Andrew Sullivan is the newest member of the Knowledge Weavers project at the Spencer S. Eccles Health Sciences Library. Born and raised in Dallas, Texas, Andrew has been programming since the fourth grade and is now an undergraduate at the University of Utah majoring in Business Accounting/Information Systems.

Andrew is well versed and proficient with many operating systems, including Windows, MacOS, Netware, and Linux. He also has experience with programming languages that include Javascript, ASP, PHP, ColdFusion, and C++ as well as with databases, including MS Access, MS SQL, mySQL and Oracle. Knowledge Weavers projects that Andrew has been involved with include the Utah Collaborative Medical Home project, the HEAL project, the Eccles Library E-journals Database, and Envirodx. Andrew has also been a MCSE (Microsoft Certified System Engineer) since 1999. Feel free to drop him a line at: asullivan@lib.med.utah.edu.

IAIMS Newsletter *Deadline and Mailing List*

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)
Assistant Editor: Bonnie Fox (bfox@lib.med.utah.edu)

The deadline for the Fall 2002 issue of the *IAIMS Newsletter* is Monday, August 12, 2002.

The *IAIMS Newsletter* is available electronically at **http://medlib.med.utah.edu/library/edumaterials/iaims/iaims.html**

To receive a copy of the electronic version in PDF format, send an email message to: maiser@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5890
VOICE: 801-585-6744; FAX: 801-581-3632
EMAIL: jeannele@lib.med.utah.edu

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The Spencer S. Eccles Health Sciences Library
Summer Semester 2002 Hours

Hours are subject to change—Call 801-581-8773 for current hours

May 6 to June 7

Monday to Thursday	7:00 A.M-11:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-8:00 P.M.
Sunday	11:00 A.M-11:00 P.M.

Special hours: Memorial Day, May 27 **9:00 A.M.-6:00 P.M.**

June 8 to August 18

Monday to Thursday	7:00 A.M-10:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-6:00 P.M.
Sunday	12:00 P.M-6:00 P.M.

Regular Fall Semester hours begin Monday, August 19, 2002

Phone Numbers

Acquisitions	801-587-9247
Administration	801-581-8771
Hours/Renewals	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4685
Gifts to Library	801-587-9247
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Media Services	801-581-8052
Outreach	801-587-3493
Regional Medical Library	800-338-7657
	801-587-3412
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

The *IAIMS Newsletter* is published 3 times a year (August, January, May), with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah
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MC/SCUG

Medical Center / Small Computer Users Group

Wednesday, February 7, 1996

NOON

TECHNOLOGY ISSUES IN TEACHING AND LEARNING

Bill Whisner, Ph.D., Director
Center for Teaching and Learning Excellence
University of Utah

One of the goals of the Center for Teaching and Learning Excellence at the University of Utah is to assist faculty in improving the quality of teaching and learning through the effective use of technology. Bill Whisner, Director of the Center, will discuss the advantages and disadvantages of incorporating technology into teaching and learning, will report on the status of several "technology in teaching/learning" projects under way at the University of Utah, and will present his vision of the future role of technology in teaching and learning.

Come with your questions, your lunch and your friends to the February MC/SCUG meeting, Wednesday, February 7, 1996 at NOON in Classroom C, School of Medicine Building.

ABOUT THE MEDICAL CENTER SMALL COMPUTER USERS GROUP

MC/SCUG is an informal group of computer users who enjoy keeping informed about the latest developments in computer applications of all types. Monthly presentations focus on current topics of interest. There is no membership fee. You are welcome whenever you are able to come. MC/SCUG meetings are held on the first Wednesday of the month (except during the Summer Quarter) in Classroom C, School of Medicine Building. If you would like more information about MC/SCUG or if you would like to suggest a topic for a MC/SCUG meeting, please contact Joan M. Gregory, Coordinator, MC/SCUG, Spencer S. Eccles Health Sciences Library, (801) 581-5269, INTERNET: joang@ecclab.med.utah.edu. If you are interested in receiving e-mail notification of future MC/SCUG meetings, send an e-mail message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe MCSCUG**

IN THIS ISSUE

MC/SCUG Meeting..... 1
Computer-Based Learning Discussion Group 2
Medical Informatics Seminars (February 1996) 2
InfoFair '96 Featured Presentation 3-4
InfoFair '96 Workshops 4-5
InfoFair '96 An Historical Perspective 5-7
Internet Resources: Pharmacy 8-9
Internet Basics: Alta Vista: A New Web Searching Tool 10
Bibliographic Management 11-12
Outreach Services: MEDLINE vs. MEDLARS 12
UUCC Site-License Software 13
IAIMS Newsletter Deadline and Mailing List 13

COMPUTER-BASED LEARNING DISCUSSION GROUP

Java Discussion

Thursday,
February 8, 1996
NOON - 1:00 pm
History of Medicine
Room, Eccles Library

What is Java, and what does it mean for the future of computer-based learning on the World Wide Web? That will be the topic of the next meeting of the Computer-Based Learning Discussion Group on Thursday, February 8, 1996 from NOON - 1:00 pm in the History of Medicine Room at the Spencer S. Eccles Health Sciences Library. Sharon E. Dennis, Assistant Librarian, Computer and Media Services, will share information gleaned from SUN's one-day Java camp seminar.

If you are interested in computer-based learning (CBL), you are invited to join the Computer-Based Learning Discussion Group. The purpose of the group is to share information about developing and evaluating computer-based learning as well as curriculum integration issues. Depending upon the interests of the group, discussion may include, but not be limited to, some of the following topics: use of multimedia technologies, how to find suitable programs in various subject areas, how to get started in planning your own CBL program, authoring system and platform advantages/disadvantages, hints for effective information structuring and interface design, incorporating CBL programs into the curriculum, and methods of evaluating CBL.

For more information, contact Sharon E. Dennis at (801) 585-3928, or via electronic mail: sdennis@ecclab.med.utah.edu.

MEDICAL INFORMATICS SEMINARS

FEBRUARY 1996

TUESDAYS
NOON - 1:00 PM
Browning Auditorium,
School of Medicine,
University of Utah

Tuesdays, NOON - 1:00 PM, Browning Auditorium, School of Medicine, University of Utah

February 6, 1996

Richard Vance, MD, Director, Department of Resource Utilization and Outcomes, Management and Associate Director of the Health Services Research Center, Bowman Gray School of Medicine,
"Outcomes Management: Opportunities to Improve Quality and Efficiency of Care"

February 13, 1996

Gordon Peterson, Utah State Information Technology Coordinator, Governor's Office of Planning and Budget, "The Technology 2000 Program: Implications for Healthcare"

February 20, 1996

Richard Grant
Chief Technical Officer, Voice Pilot Technologies, Inc. Miami, FL
"Voice Recognition Technology for Health Care Informatics"

February 27, 1996

To be announced

INFOFAIR '96

Thursday, April 11, 1996

The Clifford C. Snyder, M.D. and Mary Snyder Lecture

Medicine in the Computer Age

Homer R. Warner, M.D., Ph.D.

Professor and Department Chair, Department of Medical Informatics, and Chief Information Officer, Health Sciences Center, University of Utah

InfoFair is an annual computer and information event at the University of Utah Health Sciences Center with the goal of providing an opportunity for health professionals at the University of Utah and throughout the state to obtain up-to-date information on computer applications, resources and services and a glimpse into the future of computers and information technology in the health sciences.

THE CLIFFORD C. SNYDER, M.D. AND MARY SNYDER LECTURE

Medicine in the Computer Age Our understanding of the world in which we live is based on the use of models, more often implied than explicit. Medical Informatics is that branch of science which uses computers to develop and evaluate explicit models in the domain of medicine to improve understanding and facilitate the performance of intellectual tasks. These tasks include documentation, communication, organization and retrieval of information, diagnosis, prognosis, discovery of new relationships, and decision-making. Many of these opportunities in Informatics were recognized 30 years ago. In a few of these areas such as imaging, Informatics has already had major impact on the quality of health care, but in most, progress has been slower than expected. At the University of Utah, we have been at the forefront in many of these activities. Some lessons learned from this experience will be reviewed in hopes that they may provide a model for future research, development, and strategic planning.

THE CLIFFORD C. SNYDER, M.D. AND MARY SNYDER LECTURER

Homer R. Warner, M.D., Ph.D. Professor and Department Chair, Department of Medical Informatics, and Chief Information Officer, Health Sciences Center, University of Utah Homer R. Warner was born in Salt Lake City where he attended high school, undergraduate and medical schools, receiving an M.D. from the University of Utah in 1949. His education was interrupted by two and one-half years in the Navy where he served as a naval aviator prior to entering medical school. After internship and a residency in internal medicine, he received a Ph.D. in Physiology at the Mayo Clinic and the University of Minnesota in 1953.

Medical Informatics at the University of Utah began with the pioneering computer work of Dr. Warner at LDS Hospital in Salt Lake City where he established the cardiovascular laboratory in 1954. In 1964, the University recognized this work and established a Ph.D. program of Biophysics and Bioengineering naming him chairman of the new department. The department was later divided and a separate Bioengineering Department was established while the computing group moved to the medical school and took the name Medical Biophysics and Computing in 1973. In February 1986, the department was the first in the United States to change its name officially to the Department of Medical Informatics. Dr. Warner pioneered many areas of computer applications in medicine. His definitive book entitled *Computer-Based Medical Decision-Making* was published by Academic Press in 1979. He led the development of "HELP," the first hospital information system to incorporate decision support tools, and is father of "Iliad," a computerized expert system designed to enhance medical diagnosis and teach this skill to medical students. Dr. Warner's most recent research interest has focussed on an Advanced Clinical Information System (ACIS) for the University of Utah Hospital and Clinics.

INFOFAIR ‘96

Thursday, April 11, 1996

The Clifford C. Snyder, M.D. and Mary Snyder Lecturer

Homer R. Warner, M.D., Ph.D.

He is the recipient of the University of Utah Distinguished Alumni Award, BYU James E. Talmadge Scientific Achievement Award, the University of Minnesota Outstanding Alumni Achievement Award, the Distinguished Research Award from the University of Utah, the Governor's Medal for Science and Technology, and in 1994, the Morris Collen Award from the American College of Medical Informatics. In 1988, he was elected a senior member in the Institute of Medicine of the National Academy of Sciences.

He was named Doctor of Technology Honorus Causa, University of Linkoping, Linkoping, Sweden in 1990. In 1991 the "Legacy of Life” award, designed to honor Utah-associated citizens, was awarded to him by the Deseret Foundation for his exploratory work in medical applications of computer technology. For the past 25 years, Dr. Warner has served almost continuously on a research review group for the National Institutes of Health, the National Center for Health Services Research Agency for Health Care Policy and Research at the National Library of Medicine. He was editor of the journal, *Computers and Biomedical Research*, published by Academic Press from 1966-1994.

Dr. Warner currently serves as Professor and Chair, Department of Medical Informatics and as Chief Information Officer for the University of Utah Health Sciences Center.

INFOFAIR ‘96

Thursday, April 11, 1996

Workshops:

Advanced HTML

Introduction to JavaScript

Finding Information on the Internet

The following workshops will be presented at InfoFair ‘96 on Thursday, April 11, 1996. PLEASE NOTE: Registration is REQUIRED for several of these workshops. To register call the Reference Desk at (801) 581-5534.

ADVANCED HTML
Sharon E. Dennis, Assistant Librarian, Computer and Media Services, Spencer S. Eccles Health Sciences Library This hands-on workshop will cover several advanced HTML features including forms, tables, and imagemaps. Participants will practice using existing CGI scripts, such as CGIEMAIL, to receive input from forms. (Note: CGI scripting, Java, and *JavaScript* will **not** be covered). Prerequisite: Knowledge of basic HTML. REGISTRATION IS REQUIRED. Class size limit: 10 participants.

12:30 - 2:00 pm PC PC Classroom

INTRODUCTION TO JAVASCRIPT
Sharon E. Dennis, Assistant Librarian, Computer and Media Services, Spencer S. Eccles Health Sciences Library *JavaScript* is an easy to use scripting language for programming interactivity into your Web pages. This hands-on class will introduce participants to basic *JavaScript* programming. Prerequisite: Knowledge of basic HTML and experience with another scripting language such as *HyperTalk* or *dBase*. Please call the instructor before signing up if you have questions about the course content. REGISTRATION IS REQUIRED. Class size limit: 8 participants.

2:30 - 4:00 pm MAC MAC Classroom

INFOFAIR '96

Thursday, April 11, 1996

Workshop:

Finding Information on the Internet

Presentation:

The Digital Library

FINDING INFORMATION ON THE INTERNET

Nancy T. Lombardo, Affiliate Librarian, Spencer S. Eccles Health Sciences Library Learn how to search for the information you need on the Internet using Netscape. This class explains how to navigate the Internet using Netscape and offers instruction and hands-on practice in how to use YAHOO!, WebCrawler, Alta Vista and other Internet searching tools to find the Internet resources you need. REGISTRATION IS REQUIRED. Class size limit: 12 participants (MAC Lab), 16 participants (PC Lab). Participants may be required to share a computer.

12:30 - 2:00 pm	MAC	MAC Classroom
2:30 - 4:00 pm	PC	PC Classroom

PRESENTATION

THE DIGITAL LIBRARY

Nina E. Dougherty, Librarian, Research, Spencer S. Eccles Health Sciences Library The vision, status and implications of the "digital library" concept will be presented in an Internet-based overview and demonstration with links to relevant resources. Topics to be covered will include: What is a "digital library"? What digital resources do library users in Utah have access to right now? What does the future hold for the development of "digital libraries" locally, nationally, and internationally?

2:30 - 3:30 pm	History of Medicine Room

INFOFAIR: An Historical Perspective

by
Joan M. Gregory, Associate Librarian, Technical Services, and
Nina E. Dougherty, Librarian, Research, Spencer S. Eccles Health Sciences Library

InfoFair is an annual computer and information event featuring presentations, exhibits, demonstrations, and workshops on computer and information topics of interest to health professionals and health care information providers at the University of Utah Health Sciences Center and throughout Utah. At InfoFair, Utah health professionals gain first-hand, hands-on experience with state-of-the-art computer applications, resources, and services.

The originator of InfoFair and the first InfoFair coordinator was Nina E. Dougherty, Assistant Director for Information Services (currently, Librarian, Research). Nina served as InfoFair coordinator from 1983 to 1987. She was succeeded in 1988 by Joan M. Marcotte (now, Joan M. Gregory), Head of Computer and Media Services (currently, Associate Librarian, Technical Services).

The first InfoFair was held in response to an increasing number of inquiries from library users on how to search MEDLINE from their home or office microcomputers as well as inquiries from database vendors interested in setting up demonstration and training sessions for database users. Initially envisioned as an arena for vendors and database users to get together, exchange information and become more aware of each others needs, InfoFair quickly evolved into a more ambitious event. The original plan to have resource people available to answer general questions soon developed into 30 minute seminars on such topics as: getting started with database searching, databases available and hardware/software considerations. The seminars turned out to be a very important part of the program. There were thirteen exhibitors at the first InfoFair including database vendors,

INFOFAIR: An Historical Perspective

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Technical Services,
and
Nina E. Dougherty,
Librarian, Research,
Spencer S. Eccles
Health Sciences
Library

microcomputer vendors and one health care professional who demonstrated his use of MEDLINE - directly accessing the National Library of Medicine via modem.

There was a great deal of excitement on the day of the first InfoFair. The atmosphere was electric. Numerous benefits resulted from the first InfoFair. Among these were: the establishment of the Medical Center Small Computer Users Group (MC/SCUG), the identification of individuals highly interested in microcomputers in general and in information retrieval specifically, a new awareness of the library and its potential role in the support for library-based microcomputer projects, and in 1984, InfoFair became part of the University of Utah IAIMS (Integrated Academic Information Management System) Project funded by the National Library of Medicine.

Over the past fourteen years, InfoFair has focused on many different topics and has featured many prominent speakers. To our knowledge, InfoFair at the University of Utah was the first InfoFair ever held and is the one InfoFair which has been presented every year since its inception. A list of InfoFair themes and speakers follows:

InfoFair Themes and Featured Speakers 1983-1996

1983 Personal Computer Access to Health-Related Databases
Carol Anne Reid, Midcontinental Regional Medical Library Program, "Getting Started: An Overview." Carolyn B. Tilley, National Library of Medicine, "National Library of Medicine: CITE."

1984 Microcomputers in the Health Sciences
Lawrence J. Lutz, M.D., University of Utah, "Medical Office Systems." Joan M. Stoddart, University of Utah, "The Many Paths to MEDLINE and the Health Sciences Literature." Homer R. Warner, M.D., Ph.D., University of Utah, "Knowledge Bases: Expert Systems to Assist the Health Practitioner." Charles R. Smart, University of Utah. "Cancer Registry Information and Microcomputers."

1985 Computer-Based Information in the Health Sciences
Donald A. Lindberg, M.D., National Library of Medicine, "Medical Information: The New Technologies and You." Paul D. Clayton, Ph.D., University of Utah, "Clinical Software for the Microcomputer." Homer R. Warner, M.D., Ph.D., University of Utah, "Health Information Networking at the University of Utah."

1986 Computers in Health Sciences Education
G. Octo Barrnett, M.D., Harvard University, "The New Pathway: Computer-Based Education at Harvard Medical School." William G. Harless, Ph.D., National Library of Medicine, "The TIME Project: A Technological Innovation in Medical Education."

1987 The Right Information at the Right Time for the Health Practitioner
Donald A. Lindberg, M.D., National Library of Medicine, "New Directions for the National Library of Medicine." Bernie Schmertz, Wayne Peay, Lee Hollaar, Ph.D., University of Utah, "New Links for the Utah Personal Workstation."

INFOFAIR: An Historical Perspective

by
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Technical Services,
and
Nina E. Dougherty,
Librarian, Research,
Spencer S. Eccles
Health Sciences
Library

1988 New Interfaces to Health Sciences Information
Robert A. Greenes, M.D., Ph.D., Harvard University, "All is in Windowland -- The Promise of Desktop Knowledge." William G. Cole, Ph.D., University of California - San Francisco, "Visual Metaphors in Medical Information Science."

1989 Intelligent Access to Information
Nicholas J. Belkin, Ph.D., Rutgers University, "Intelligent Information Retrieval: An Overview." Edward A. Fox, Ph.D., Virginia Polytechnic Institute and State University, "Expert-Based Information Retrieval: The CODER Prototype." Alexa T. McCray, Ph.D., National Library of Medicine, "The Unified Medical Language System: Improved Access to Biomedical Information."

1990 Health Sciences Information Management
T. Allan Pryor, Ph.D., University of Utah, "Knowledge-Based Hospital Information Systems: Beyond Data and Into Quality." John Morgan, Ph.D., 3M Health Information Systems, "The HELP System." Steven M. Witz, Ph.D., University Hospital, University of Utah, "Hospital Information Systems and Open Architecture." Gordon E. Moreshead, VA Information Systems, VAMC-Salt Lake City, "Hospital Information Systems for the Department of Veterans Affairs."

1991 Connections for the '90s
Mark S. Tuttle, Lexical Technology, Inc., Alameda, CA, "META-1: The World's First Metathesaurus of Biomedicine." Stanley M. Huff, M.D., University of Utah, "Use of META-1 for Representation of Patient Data." Nina E. Dougherty, Bruce E. Bray, M.D., University of Utah, "The UMLS Information Sources Map." W. Clay Epstein, University of Utah, "The University of Utah Health Sciences Network: An Update."

1992 Mastering the Internet Maze
W. Clay Epstein, University of Utah, "Internet Basics." Joan M. Marcotte, University of Utah, "Internet Resources and Services."

1993 Seamless Information Systems
Mark E. Frisse, M.D., Washington University, "Seamless Information Systems."

1994 Staying Afloat in a Sea of Information
Michael J. Ackerman, Ph.D., National Library of Medicine and George Washington University, "Rest in Pieces: Toward a Standard Digital Cadaver."

1995 The Virtual Information Revolution
Michael P. D'Alessandro, M.D., Harvard University and University of Iowa, "The Virtual Hospital: A Ubiquitous Organization Serving Health Care Providers and Patients."

1996 Becoming Digital
Homer R. Warner, M.D., Ph.D., University of Utah, "Medicine in the Computer Age."

INTERNET RESOURCES

Pharmacy

by
Sharon E. Dennis,
Assistant Librarian,
Computer and Media Services,
Spencer S. Eccles Health Sciences Library

PHARMACY SITE LISTS

MedWeb: Pharmacy and Pharmacology
Emory University's MedWeb Pharmacy list is an excellent up-to-date list of pharmacy sites. Listings include: other guides to pharmacy; news; University and pharmaceutical company sites; databases; documents; and electronic journals.
http://www.emory.edu/WHSCL/medweb.pharmacy.html

Martindale's Virtual Pharmacy
Martindale's Virtual Pharmacy lists pharmacy references, tutorials, drug databases, and pharmacy schools on the Web.
http://sun2.lib.uci.edu/HSG/Pharmacy.html

Pharmacy Virtual Library
List of pharmacy-related resources by David Bourne, Associate Professor of Pharmacy, University of Oklahoma, College of Pharmacy.
http://www.cpb.uokhsc.edu/pharmacy/pharmint.html

GENERAL PHARMACY SITES

PharmInfoNet
PharmInfoNet contains a variety of resources for both pharmacists and patients. Information in PharmInfoNet includes: full text of pharmacy-related publications (see below), information about medical and pharmacy-related meetings; job listings; pharmaceutical company press releases; and the sci.med.pharmacy archive. Publications available on PharmInfoNet include:

> Medial Sciences Bulletin -- reviews of new drugs and reports on trends and controversies in clinical pharmacology and therapeutics.
>
> Transgenica: Topics in Clinical Biotechnology -- a peer-reviewed electronic journal containing reviews of new drugs developed by biotechnology.
>
> Pharmaceutical Information Associates' Electronic Highlights Bulletin (EHLB) -- same-day distribution of medical meeting highlights.

PharmInfoNet also includes several drug databases: DrugDB and DiseaseDB. DrugDB allows users to find information about specific drugs by generic or trade name. DiseaseDB allows users to search for information about drug treatments by disease.
http://pharminfo.com/

PharmWeb
Information available from PharmWeb includes a directory of people in pharmacy professions; job listings; publication listings; conferences and meetings; a searchable database of pharmacy schools worldwide; links to pharmacy academic institutions, companies, and government information sources on the Internet; links to pharmacy newsgroups and mailing lists; and links to pharmacy education sites.
http://www.mcc.ac.uk/
or PharmWeb mirror at: *http://saklad.uthscsa.edu/pwmirror/index.html*

INTERNET RESOURCES

Pharmacy

by
Sharon E. Dennis,
Assistant Librarian,
Computer and Media Services,
Spencer S. Eccles Health Sciences Library

DrugInfoNet
DrugInfoNet includes links to news on drugs and health, hospital Web sites, drug manufacturer press releases, drug and device approvals by the FDA, and recalls and field corrections by the FDA. An "under construction" section promises "Information on pharmaceuticals for both health professionals and consumers, available by brand, generic, manufacturer and disease/diagnosis."
http://www.druginfonet.com

DATABASES

RxList
Cross index of 4000 drug names by brand name and generic name.
http://www.rxlist.com/

Doyne & FMLH Drug Formulary
This site from Medical College of Wisconsin allows the user to search the Doyne and FMLH Drug Formulary. The site also includes the The Doyne & FMLH Antibiotic Guide.
http://www.intmed.mcw.edu/drug.html

Three-dimensional Drug Structure Databank
The Three-dimensional Drug Structure Databank contains computer files showing investigational and approved therapeutic agents whose structures have been experimentally determined or built using molecular modeling methods. The site gives instructions for viewing the files.
http://molbio.info.nih.gov/modeling/drugbank/

Cutaneous Drug Reaction Database
From the Dartmouth Medical School, this gopher site is a searchable database of drug reactions that have skin manifestations. The database may be searched by generic or trade names.
gopher://gopher.dartmouth.edu/11/Research/BioSci/CDRD

REFERENCE

Glossary of Terms and Symbols used in Pharmacology
From the Boston University School of Medicine Department of Pharmacology and Experimental Therapeutics.
http://med-www.bu.edu/pharmacology/Programmed/glossary.html

NEWS

FDA News
The latest news from the FDA.
http://www.fda.gov/opacom/hpnews.html

Newspage Pharmaceutical Industry updates
Up-to-date news stories related to the pharmaceutical industry. Abstracts are free; full stories are available for a fee.
http://www.newspage.com/NEWSPAGE/cgibin/walk.cgi/NEWSPAGE/info/d15/d1/

INTERNET BASICS

ALTA VISTA: A NEW WEB SEARCHING TOOL FROM DIGITAL

by
Nancy E. Litz,
Sr. Library Specialist,
Spencer S. Eccles
Health Sciences
Library

The *New York Times* (December 18, 1995, page C2) reports: "Digital is positioning Alta Vista as the fastest and most precise information agent on the Web. The software program creates complete indexes of every word on every Web page or USENET newsgroup it encounters, allowing the spider to make highly targeted searches."

Frustrated looking for something on the vast, trackless reaches of the ever-expanding World Wide Web? Well, here's good news. Digital Equipment Corporation has released Alta Vista, a new Web search engine that, according to its home page, "...can access 8 billion words found in over 16 million Web pages and has a full-text index of over 13,000 newsgroups updated in real-time."

This is certainly the fastest and most comprehensive searching tool I have ever used. And since searches can be structured using Boolean (AND/OR/NOT) strategy as well as a proximity operator (NEAR), e.g., Jane NEAR Smith, they can be refined to a degree that is pretty impressive.

There are also various "Help" pages, seven in all, that explain in plain English how to do simple queries; narrow a query; constrain searches in Web pages and USENET news articles; treat words, phrases, punctuation, and capitalization; deal with related words; search for partial words; and use Alta Vista as a spell and current usage checker. There is also a FAQ (Frequently Asked Questions).

HELP FOR SIMPLE QUERIES

paris museum "mona lisa" louvre

Finds documents containing as many of these words and phrases as possible. A phrase is indicated by quotes. A lower-case search will find capitalized words also.

desert treat +cinnamon +apple -pie

Matches may be required or prohibited. This query finds documents containing apple and cinnamon, but not containing pie.

+austin +quilt*

Matches pages that contain the word austin and at least one word like quilt, quilts, quilting, quilted, etc.

NARROWING A QUERY

For information on American Indians in the Dakotas you might proceed as follows:

"american indian" native dakota

Requires american and indian to be found together in a phrase. Lower case was used since it matches arbitrary capitalization. This search resulted in about 40,000 matches, with the best matches being listed first.

"american indian" "native american" +dakota

Requires the word dakota. Pages with american indian or native american are listed early in the results; pages with both, are listed first. About 8000 matches were found with this search.

Alta Vista is located at *http://www.altavista.digital.com/*

BIBLIOGRAPHIC MANAGEMENT

by Jeanne M. Le Ber, Affiliate Librarian, Spencer S. Eccles Health Sciences Library

As the academic and research communities become more entrenched in the information age, the need to keep track of relevant information becomes more critical. Many people wonder, "how do I keep track of all my references, my reprint files and books?" "What do I do with all the citations and abstracts downloaded from MEDLINE?" "What is the proper bibliographic style for *JAMA* (or *Nature*, or *American Journal of Medicine* or *PNAS*)?"

There is a solution! A personal computer, along with the right software, can help you organize, manage, sort and retrieve journal articles, government documents, conference proceedings, books, book chapters, and patents from your private library. By employing bibliographic management software, you can create your own personal literature database in order to organize references for planning, interpreting and reporting research. In addition, references stored in a bibliographic management program can be incorporated into a bibliography, in the needed bibliographic style. If for any reason the bibliographic style needs to be changed from Vancouver to APA, the software does all the work.

There are currently dozens of bibliographic management software programs on the market. Some of the more popular programs are *EndNote Plus 2*, *Library Master*, *Papyrus*, *Pro-Cite*, and *Reference Manager*. Many of these programs are available for PC-DOS, PC-Windows and Macintosh. Prices range from just under $100 to over $400.

When selecting a specific bibliographic management program, consider purchasing software that is compatible with your word processor. This compatibility is important because the bibliographic management software is used in conjunction with the word processor to create a bibliography or a list of references at the end of your manuscript. Once citations are stored in the bibliographic management program, a simple command produces a list of references. You never have to type the references, the software does it for you.

Most bibliographic management programs allow the user to import references downloaded from a database vendor such as SilverPlatter MEDLINE, *Grateful Med*, online MEDLINE, Dialog's SciSearch, and many others. This feature is a terrific time-saver, as author, title, abstract and keywords are transferred from the saved literature search to your personal database. There is no need to worry about spelling, transposing numbers or assigning keywords. The software does the work. In addition, references can be entered manually by the user, in which case you would need to assign keywords that describe the contents of the item. References can be edited whenever there is a need to do so.

A very fine feature of bibliographic management software is the ability to search quickly and easily for specific items in your personal library. Most of these software programs allow for using Boolean operators (AND, OR, NOT), relational operators (greater than, equal to), and phrase searching. So, locating that article by Smith on myocardial infarction is easy. Each reference input into your personal database is assigned a unique number by the software. Use the power of the system and arrange your reprint files by the system assigned number. On the other hand, if you want to create your own call number system the software provides fields to handle that task. In addition, be sure the bibliographic management software you select is capable of detecting duplicate records, has a global editing

BIBLIOGRAPHIC MANAGEMENT

by Jeanne M. Le Ber, Affiliate Librarian, Spencer S. Eccles Health Sciences Library

feature, creates lists of authors, editors, keywords and journals, and has an automatic keyword assignment. You may want to check into the software company's customer support, as you may have questions about import formats, specific bibliographic styles or other features of the software.

In short, an initial investment in learning to use bibliographic management software can pay off in time saved managing your reprint files and creating bibliographies associated with your publishing endeavors.

The Eccles Library offers classes in the use of *Papyrus* and *EndNote Plus 2* bibliographic management software. The hands-on class for *EndNote* (Macintosh) is being offered Wednesday, February 28 from 3:00 to 5:00 p.m. in the MacLab. The hands-on class for *Papyrus* (PC-DOS) is being offered Monday, March 4 from 3:00 to 5:00 p.m. Call the library at (801) 581-5534 to register. There is no fee for either class. For questions about bibliographic management software contact Jeanne Le Ber at (801) 581-5534, or via email jeannele@ecclab.med.utah.edu.

OUTREACH SERVICES

MEDLARS vs. MEDLINE

by Kathleen M. McCloskey, Associate Librarian, Outreach Services, Spencer S. Eccles Health Sciences Library

Frequently, searchers refer to having searched MEDLARS when they really mean MEDLINE. What's the difference? MEDLARS stands for MEDical Literature Analysis and Retrieval System and is the "system of databases and databanks offered by the National Library of Medicine (NLM)." The system includes over 40 online databases containing about 16 million references to the journal literature and to factual information. MEDLINE is one of those databases. The next few issues of the Outreach Column will cover the various online bibliographic databases in order to broaden your searching repertoire beyond MEDLINE.

SDILINE

The SDILINE file of the MEDLARS family of bibliographic databases offers searchers access to the most current month's worth of MEDLINE citations. SDILINE, Selective Dissemination of Information onLINE, is the file in which citations are held until they are "dumped" into MEDLINE. The *NLM Technical Bulletin*, the NLM publication that you receive when you obtain an account/password, lists the date that each NLM database is updated. SDILINE holds about 32,000 citations, as opposed to MEDLINE's 1,3500,000 citations. One of SDILINE's advantages is that it is a much smaller file than MEDLINE. Therefore, SDILINE is less expensive and quicker to search. NLM offers monthly updates of saved searches from this file for a fee.

Grateful Med users may create their own saved searches and either update searches on a specific topic or search for tables of contents of specific journals. Previously done searches can be updated by saving the search strategy in *Grateful Med* and re-running the search each month in SDILINE. You can either perform the search close to the same date each month or plan to update your search based on the date listed in the *NLM Technical Bulletin*. To re-create a table of contents for a journal, select SDILINE, move the cursor down to the journal title entry line, and enter the journal title abbreviation. You may customize the rest of the search with abstracts/MeSH and run the search. This type of search may also be saved and run monthly or quarterly, based on the frequency of the journal.

UUCC SITE-LICENSE SOFTWARE

by
Victoria R. Dockstader,
Technical Writer,
UU Computer Center

An information packet is now available for site-licensed computer software. Deans, Department Chairs and Directors should have received this packet through campus mail in the month of January.

This packet contains information on the Site-License Subcommittee, procedures for obtaining software, as well as a catalog of software currently available under the program. You can pick up a packet from the Computer Center business office in 3440 MEB. Or, you can send electronic mail to: *site-license-support@lists.utah.edu* and request to have one mailed to you. A condensed version of this information is available on the World-Wide Web at: *http://www.cc.utah.edu/Site-License.* You may reach this page from links on the University of Utah home page, or the Computer Center home page as well.

IAIMS NEWSLETTER

Deadline and Mailing List

The purpose of the *IAIMS Newsletter* is to keep the campus community informed on all aspects of computer and information technology as well as on the services provided by the Spencer S. Eccles Health Sciences Library. Articles on computer and information technology events, applications, services, education, etc. are welcome. To contribute articles to the *IAIMS Newsletter*, contact Joan M. Gregory at the address indicated below. **The deadline for the March 1996 issue of the *IAIMS Newsletter* is: February 15, 1996.**

To be added to the electronic distribution list for the *IAIMS Newsletter*, send an e-mail message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe IAIMS** To be added to the **printed** newsletter mailing list, send the following information to: Joan M. Gregory, Editor, *IAIMS Newsletter*, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. VOICE: (801)581-5269. FAX: (801)581-3632. INTERNET: joang@ecclab.med.utah.edu.

***IAIMS NEWSLETTER* MAILING LIST**

Please add my address to the **printed** *IAIMS Newsletter* Mailing List.

Name: _____

University of Utah Department: _____

University of Utah Campus Address: _____

Company/Institution: _____

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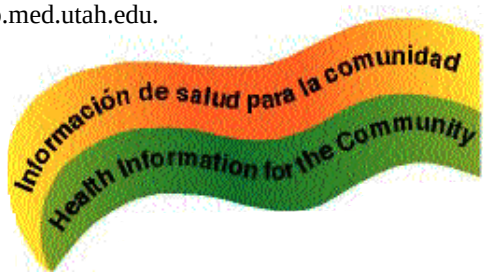
IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Summer 2000 *Volume 15 Number 3*

Eccles Library Awarded Funding from the National Library of Medicine

The Spencer S. Eccles Health Sciences Library and the Office of Patient Education at the University of Utah received funding from the National Library of Medicine for a one-year collaborative project. The project entitled *Access to Electronic Spanish-Language Patient Education Materials: A Utah Community Project* includes the translation of over 200 patient education documents into Spanish in the areas of women's health, obstetrics and gynecology, diabetes, and nutrition. The Spanish-language materials will be available to the Utah community at the Office of Patient Education's website at **http://www.med.utah.edu/pated** The website plans to feature a bilingual search engine to optimize access to and retrieval of the Spanish materials. On-site training for how to access and utilize the Spanish-language patient education materials will be provided to academic and public library staff, health care professionals affiliated with the University of Utah Hospitals and Clinics, and statewide Hispanic organizations. The goal of this project is to enhance access to medical information specifically designed to meet the ongoing information needs of Utah's Hispanic community. For more information please contact Deborah Hile, Principal Investigator, at 801-587-9247 or dhile@lib.med.utah.edu.



Video Studio Up and Running

The Spencer S. Eccles Health Sciences Library has established a video studio with the goal of providing tools for experimenting with video content creation. This video studio will allow faculty to expand delivery of electronic content. Lectures, including those demonstrating complex procedures or live performances, can be streamed live to distance education students at their location or stored for student retrieval at their convenience. Grand Rounds, special events and guest lectures can be delivered to faculty and students at remote sites, as well as to outlying clinics and sites in the University system. Surgical procedures and patient care techniques could be taped, digitized and incorporated into supplemental and review materials for viewing by students from any location, at any time.

The studio is comprised of a collection of tools, both hardware and software.

The SGI Origin 200 Streaming Video Server, cooperatively purchased with the Marriott Library, is able to stream live or stored digital video in a variety of formats, including include MPEG-1, MPEG-2, H.263/GSM and RealNetworks video and audio. This array of formats allows transmissions appropriate for high speed network connections and low bandwidth modem connections.

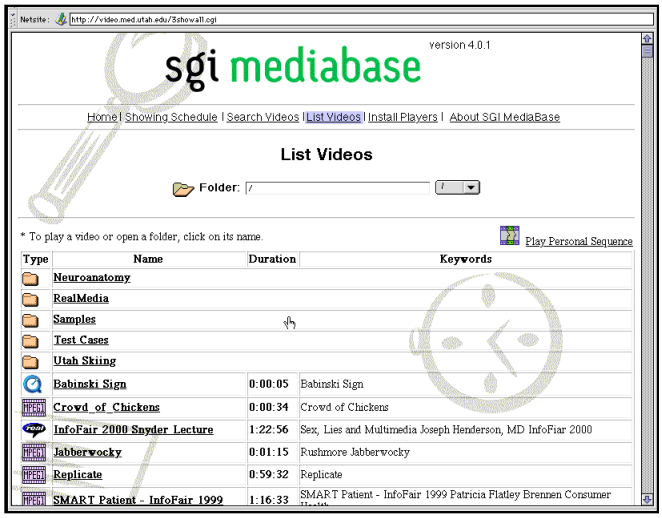
The WebFORCE MediaBase 4.0 Internet software manages and serves the video collection. The WebFORCE Media Server consists of the MediaBase Server and the Netscape FastTrack Server. The Netscape server **(http://video.med.utah.edu/)** provides user access to Web pages that contain links to the MediaBase video collection. An Informix Dynamic Server database software stores and manages the videos as they are

In This Issue

Eccles Library Awarded Funding from NLM 1
Video Studio Up & Running 1-2
Report: InfoFair 2000 2
Library Workshops and Classes 3
Library & Information Technology Forum Fall Schedule 3
Instruction Opportunities for Faculty 3
Slice of Life & Computers in Health Care Education . . . 4
Awards and Participation at MLA Meeting 5
Technology Assisted Curriculum Center 5
Library Installing Fiber Optic and Wireless Networks . . 5
Online Business Resources 6
Introducing ... Bonnie Fox 7
ALA Honor Roll Recognizes Wayne Peay 7
IAIMS Newsletter Deadline & Mailing Lists 7
Summer Semester Library Hours 8
Eccles Library Phone Numbers 8

checked into the database and retrieved for streaming to the user.

A Minerva VNP 151 encoder provides capture and digitization of live or prerecorded material into streamable MPEG formats. MPEG formats work best within the Eccles Library or on campus, due to the requirement of faster network speeds.



A Canon XLI Digital Video Camcorder is available for live digital videotaping.

Finally, the studio includes a PC housing the RealNetworks RealServer 7.0 with a hardware encoder, RealProducer and RealPresenter software.

Sample videos are available in a variety of formats. These samples can be tested after installing an appropriate player on your computer. To obtain viewers, go to:
http://video.med.utah.edu
MPEG viewers for Windows 95/98/NT, Mac, Unix
Click on “Install Players,” select platform, download player
Recommend CompCore MPEG1 player for Windows platforms
http://www.real.com
RealPlayer for RealMedia (video and audio)

Please contact Nancy Lombardo:
Email: **nancyl@lib.med.utah.edu**
Phone: **801-581-5241**
for more information or with creative ideas for utilizing this exciting new video studio.

Report: InfoFair 2000

The Spencer S. Eccles Health Sciences Library recently held their eighteenth annual InfoFair on Thursday, March 23. With the theme of *Video Visions: Integrating Multimedia in the Curriculum*, the event proved popular, with guests from as far away as Oregon and Wisconsin in the audience.

This year the keynote speaker's address was broadcast live over the Web with less than a thirty second delay. The Eccles Library was able to showcase their newly acquired video studio equipment, as well as model the possibilities this technology allows for distance education and feature events. The keynote address is available for viewing at **http://medlib.med.utah.edu/infofair/**

The Clifford C. Snyder, M.D. and Mary Snyder Lecture was presented by Joseph V. Henderson, M.D. with the title *Sex, Lies and Multimedia: The HIV Virtual Practicum for Health Professionals.* Dr. Henderson demonstrated his multimedia CD-ROM program *Primary Care of the HIV/AIDS Patient.* The program is presented to students as a "Virtual Mini-Fellowship." Its goal is to provide students a place for dealing with every day clinical practice problems related to HIV/AIDS patients. In the program, Dr. John G. Bartlett of Johns Hopkins University acts as a mentor/coach for the students and sets the stage for patient encounters in the virtual clinic. Learning methods are varied and take advantage of experiences with a simulated patient, conferences with Dr. Bartlett, and a resource room that offers interviews with real AIDS patients, lectures and activities. The program is well scripted, acted and filmed, and allows students to proceed at their own pace.

The panel discussion that followed, *"How do we integrate material like this into our curriculum?,"* was moderated by Wayne J. Peay, and included panelists Joseph V. Henderson, M.D., Kirtly Parker Jones, M.D., Larry G. Reimer, M.D. and Stephanie J. Richardson, R.N., Ph.D. Panelists agreed that using these kinds of "virtual" programs enhanced student education. Some concerns were expressed related to cost, time, effort and keeping the product current.

Three afternoon sessions focused on the practical nature of video, multimedia and the World Wide Web. Presenters were Paul E. Burrows, Manager, Technology Integration and Design, KUED Media Solutions, Nancy T. Lombardo, Systems Librarian, Spencer S. Eccles Health Sciences Library, and Dr. Joseph V. Henderson, Director, Interactive Media Laboratory at Dartmouth Medial School. The History of Medicine Room was full, indicating the keen interest in the new technologies of digital video and streaming video.

During the Electronic Resources Fair, library staff were available to answer questions about access to electronic resources. In addition, the InfoFair 2000 website provides links to the Multimedia Web Gallery highlighting multimedia examples. Visit **http://medlib.med.utah.edu/infofair/gallery.html**

Library Workshops and Classes

Classes with a fee (indicated by an asterisk) require pre-payment.

Tours and Orientations
To schedule call 801-581-5534

Introduction to SilverPlatter Databases
Contact instructor to arrange a date and time; Mary McFarland, 801-581-5534 or email at marym@lib.med.utah.edu

Searching MEDLINE on PubMed	Small PC Lab
Friday, June 23, 2000	2:30 P.M.-4:00 P.M.
Friday, July 7, 2000	2:30 P.M.-4:00 P.M.
Wednesday, July 19, 2000	3:00 P.M.-4:30 P.M.
Wednesday, July 26, 2000	3:00 P.M.-4:30 P.M.

***Advanced SilverPlatter MEDLINE**
Contact instructor to arrange a date and time; Mary Youngkin, 801-581-5534 or email at maryy@lib.med.utah.edu

Full-text Databases	Small PC Lab
Friday, July 21, 2000	2:00 P.M.-3:30 P.M.

Business Sources on the Web	Small PC Lab
Thursday, June 22, 2000	12:00 P.M.-1:30 P.M.
Tuesday, July 25, 2000	12:00 P.M.-1:30 P.M.

***Basic HTML**	Small PC Lab
Thursday, May 25, 2000	2:30 P.M.-5:00 P.M.
Thursday, July 13, 2000	10:30 A.M.-12:30 P.M.

***Intermediate HTML**	Small PC Lab
Friday, May 26, 2000	2:30 P.M.-5:00 P.M.
Friday, July 14, 2000	10:30 A.M.-12:30 P.M.

Non-Health Databases for the Health Professional	Small PC Lab
Tuesday, June 6, 2000	12:00 P.M.-1:30 P.M.
Tuesday, July 11, 2000	12:00 P.M.-1:30 P.M.

Presentations Using *PowerPoint*	Small PC Lab
Thursday, June 22, 2000	2:00 P.M.-4:00 P.M.
Friday, July 14, 2000	2:00 P.M.-4:00 P.M.

Bibliographic Management	
EndNote 3 for Windows	Small PC Lab
Monday, July 17, 2000	2:00 P.M.-4:00 P.M.

Scanning with Photoshop	
Wednesday, August 2, 2000	2:00 P.M.-4:00 P.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. For more information, class descriptions, instructor phone number, email address, and registration form, see the Eccles Library Web page at **http://medlib.med.utah.edu/education/workshop.html**—or, please call 801-581-5534 or 801-585-6744.

Library and Information Technology Forum Fall Schedule

The Spencer S. Eccles Health Sciences Library sponsors a series of noontime seminars related to libraries and information technologies. The Library and Information Technology Forum is generally held the second Wednesday of the month in Classroom C in the School of Medicine from 12:05 until 1:00 P.M. Sessions provide an opportunity for faculty, staff and students to learn about new computer technologies and electronic information sources. See **http://medlib.med.utah.edu/eccles/lift.html/** for full program descriptions and a look at past Forums.

Nancy Lombardo, Systems Librarian at the Eccles Library, is the featured speaker for the September 20 Forum. Her talk is titled *Streaming Video: From Creating to Viewing*. Nancy will discuss opportunities for the use of our video studio.

Forum Schedule; Classroom C from 12:05 to 1:00 P.M.

- September 20, 2000—Nancy Lombardo; *Streaming Video: From Creating to Viewing*
- October 11, 2000—Deborah Hile; *Creating a Multilingual Website: Lessons from the Electronic Spanish Health Project*
- November 8, 2000—Topic TBA
- December 6, 2000—Topic TBA

Instruction Opportunities for Faculty

University of Utah faculty who would like to incorporate the use of online databases and electronic resources into their class assignments can contact the Spencer S. Eccles Health Sciences Library's Education Services department. Our specific focus is health sciences resources. Library faculty provide instruction in the use of the online catalog (Horizon or WebPAC), databases (MEDLINE, CINAHL, SportDiscus, AGELINE, etc.), online resources (electronic journals and textbooks, and websites) software programs (presentation software such as PowerPoint, bibliographic management software such as EndNote) and much more.

Please contact Jeanne Le Ber at 801-585-6744 or jeannele@lib.med.utah.edu for more information or to arrange for instruction opportunities.

Slice of Life and Computers in Health Care Education Symposium

Salt Lake City, Utah June 29-July1— Spencer S. Eccles Health Sciences Library

A series of pre-meeting workshops will be held on Tuesday and Wednesday, June 27 and 28, 2000 in the Spencer S. Eccles Health Sciences and J. Willard Marriott Libraries. The topics are listed below. Register by mail, fax or online **(http://www.slice.gsm.com)**. Full descriptions of the workshops, program and abstracts can be found on the website. University of Utah faculty and staff pay the meeting registrant's price even if not attending the regular meeting.

TUESDAY, JUNE 27, 2000

Creating Web-based Multimedia with SMIL

8:30 A.M.–12:00 P.M. ($85 with lunch) Hands-on format; limit 20
Marriott Library Computer Lab Room 1745
Preregistration Required. Cost to non-workshop registrants is $110
Instructors: Sebastian Uijtdehaage and Zhen Gu, UCLA School of Medicine, Los Angeles, CA
Who Should Attend: Anyone who realizes that effective learning environments can be created with synchronized multimedia. The workshop will help participants start creating SMIL multimedia presentations.
Prerequisites: The participants should be familiar with basic HTML, digital image formats (e.g., jpeg, gif), and with RealPlayer G2.

Wonders of QuickTime Pro Player as a Video Editing Tool

8:30 A.M.–12:00 P.M. ($85 with lunch) Lecture/demo format
Preregistration Required. Cost to non-workshop registrants is $110
Marriott Library Computer Lab Room 1715
Instructor: Paul E. Burrows, Media Solutions, University of Utah, Salt Lake City, UT
Synopsis: Whether working from a Windows or Macintosh computer, most think of the QuickTime Player (formerly known as Movie Player) as a way to view digital movies. It's more than that.

Technologies for Building Interactive, Database-Driven Web Applications: Features, Frustrations and Foibles

8:30 A.M.–12:00 P.M. ($85 with lunch) Lecture/demo format
Preregistration Required. Cost to non-workshop registrants is $110
Eccles Health Sciences Library, History of Medicine Room
Instructor: Sharon E. Dennis, Spencer S. Eccles Health Sciences Library, University of Utah, Salt Lake City, UT
Prerequisites: For a beginner audience. Familiarity with basic Web terminology (Web server, browser, URL, etc.)

Encoding, Editing and Authoring DVD and Streaming Video

8:30 A.M.–12:00 P.M. ($85 with lunch) Lecture/demo format
Preregistration Required. Cost to non-workshop registrants $110
Eccles Health Sciences Library, Upper level
Instructors: Jimmy Miklavcic, University of Utah Center for High Performance Computing, and Nancy Lombardo, Spencer S. Eccles Health Sciences Library, University of Utah, Salt Lake City, UT
Synopsis: This workshop will take the participant through the process of creating multimedia presentations for the Web, DVD, and video on demand (VOD). From capturing and encoding to editing and authoring, attendees will learn the basics in video streaming and servers, video production (edit, compositing & titling), and CD/ DVD authoring.

Getting Started with Macromedia Director 7

9:00 A.M.-4:30 P.M. ($150 with lunch) Hands-on format; limit 15
Preregistration Required. Cost to non-workshop registrants is $200
Marriott Library Computer Lab Room 1705A
Instructors: Michael Schacht Hansen and Jens Dørup, Section for Health Informatics, University of Aarhus, Denmark.
Prerequisites: No prior experience with Director is required, but basic computer skills are.

Beginning JavaScript

9:00 A.M.-4:30 P.M. ($150 with lunch) Hands-on format; limit 10
Preregistration Required. Cost to non-workshop registrants is $200
Eccles Health Sciences Library, Computer Lab lower level
Instructor: Ulrich Woermann, Division for Instructional Media, University of Bern, Switzerland
Prerequisites: Working knowledge of HTML (especially forms) and a basic understanding of programming
Synopsis: JavaScript is a world wide standard that allows Web authors to create cross-platform interactivity by controlling the various elements of HTML.

Using LiveStage Pro to Create Interactive QuickTime Movies

1:00 P.M.-5:00 P.M. ($75) Lecture/demo format
Preregistration Required. Cost to non-workshop registrants is $100
Marriott Library Computer Lab Room 1715
Instructor: Paul E. Burrows, KUED Media Solutions, University of Utah, Salt Lake City, Utah
Synopsis: The software LiveStage Professional was released in January of 2000. With it, a novice or an advanced user can create cross-platform QuickTime movies with multiple tracks of data (video, sound, music, 3D, text, Flash, MPEG, etc.) with clickable interactivity and hyperlinks. The finished movies can be distributed via the Web, as stand-alone, or embedded media.

QuickTime for Java for Project Coordinators and Developers

1:00 P.M.-5:00 P.M. ($75) Hands-on format
Preregistration Required. Cost to non-workshop registrants is $100
Marriott Library Computer Lab Room 1745.
Instructors: Martin Adler, Inga Hege, Ludwig-Maximilians-University, Munich, Germany
Who should attend: A technical overview of QTJ (QuickTime for Java) for programmers; demonstrating sample code and the use of the API. If you bring your own laptop you can experience the demonstrations on your own machine.

Finding and Using Rich Content for Medical Education

1:00 P.M.-4:30 P.M. ($75) Hands-on format; limit 15
Preregistration Required. Cost to non-workshop registrants is $100
Eccles Health Sciences Library, Computer Lab, lower level.
Instructor: Robert S. Stephenson, Department of Biological Sciences, Wayne State University, Detroit, MI
Prerequisites: None. This session is designed to show faculty how to enrich their courses by finding, evaluating and linking material already on the Web into their courses. A great place to get started if you are an instructor and NOT interested in creating new content.

This is just the Tuesday workshops! Visit the website at **http://www.slice.gsm.com** for Wednesday's. Hope to see you there.

Awards and Participation at the Medical Library Association Meeting in Vancouver

Deborah Hile, Acquisitions Librarian, is the recipient of the 2000 EBSCO/MLA Annual Meeting Grant. This grant provides $1000 for travel to the annual conference and conference related-activities. In May 2000, the Medical Library Association's meeting will be held in Vancouver, B.C.

Deborah Hile is presenting a poster titled *Grand Rounds Literature Service: Designing Library Services for Clinical Patrons*. In May 1999, the Spencer S. Eccles Health Sciences Library implemented a new service called the *Grand Rounds Literature Service* to support research, education, and clinical activities. A pilot project to deliver and assess the value of this new service is in progress with the Department of Obstetrics and Gynecology. The poster describes this new library service.

Jeanne Le Ber, Education Librarian, is presenting a paper titled *Creating and Transforming a Library Service Philosophy into Professional Practice*. With a history of commitment to service, the Eccles Library recently formalized their service philosophy with a written document. The process of creating and implementing this document is elucidated.

Joan Stoddart, Deputy Director, and **Mary Youngkin,** Reference Services Librarian, are presenting a poster session on the Statewide Nursing Initiative that began in 1998 as a result of the Libraries 2000 report for the Utah State System of Higher Education. Eccles Library, along with the other 10 institutions in the Utah Academic Library Consortium, planned and implemented a statewide effort to improve nursing resources by purchasing additional nursing monographs, audiovisuals and journals for sites around the state. A Nursing Initiative Web page and discussion list were also developed to facilitate communication and improve electronic resources.

Wayne J. Peay, Director, is presenting a paper co-authored with Nancy Lombardo of the Eccles Library and Jimmy Miklavcic of the Center for High Performance Computing at the University of Utah. The installation of a SGI videoserver at the Eccles Library provided an opportunity to explore the technical, administrative, political and financial issues involved in the introduction of digital video in the library.

Wayne J. Peay was made a Fellow of the Medical Library Association in recognition of outstanding and sustained contributions to the advancement of the association.

Technology Assisted Curriculum Center

The Technology Assisted Curriculum Center (TACC) exists to support the efforts of University of Utah faculty members to integrate various technologies and information navigation skills into their curriculum for quality teaching and learning.

TACC's mission is to provide faculty members with a wide, up-to-date, and user-friendly spectrum of digital services and resources. TACC is conveniently located in the J. Willard Marriott Library, making information resources and the knowledge base of skilled librarians and information professionals available for faculty curriculum development. Because TACC is a partnership among the libraries, University of Utah academic departments and colleges, and Academic Outreach and Continuing Education, consultants at TACC draw upon and provide varied services and resources for disciplines across the curriculum. All faculty members—ranging from the computer novice to the expert in developing fully asynchronous courses—are encouraged to actively participate in an environment conducive to collaboration, experimentation, exploration, and innovation in education. Visit TACC's website at **http://www.tacc.utah.edu/** for information about the Center's goals, staff, activities, events, news and academic resources.

Eccles Library Installing Fiber Optic and Wireless Networks

The Spencer S. Eccles Health Sciences Library is in the final stages of installing a fiber optic network. Using 3M Volition products, the library will have "fiber to the desktop," meaning the workstations will be connected directly to the fiber network using fiber network cards in each computer and Volition connectors. This arrangement will provide expandable bandwidth capacity. Currently the network will be transporting digital data at the rate of 100 megabits per second. Eventually, the library anticipates moving to gigabit per second speeds. High bandwidth capabilities will improve functionality of digital video transmission from local servers, database response time from in house databases, local Web server traffic and all other network traffic within the library.

In addition, wireless access for personal laptop use is coming. A Lucent WaveLan wireless bridge for Ethernet networks allows the library to expand network capacity and increase coverage. A special wireless network card is required for each computer, which can be used in PCI slots with an adapter. Wireless network cards and the software necessary to make a connection will be available for checkout in the library this summer! Patrons will be able to roam areas of the library served by the Wireless bridge and use network services. Contact Nancy Lombardo, Systems Librarian at 801-581-5241, nancyl@lib.med.utah.edu for details.

Online Business Resources

Liz Workman, Affiliate Librarian, Spencer S. Eccles Health Sciences Library

As you might already know, there are several websites on the Internet that provide stock quotes. However, these sources form just a portion of the financial information available on the Web. Did you know that you can also find information on individual companies and industries, full-text articles on current business news, online tutorials to do business research, and more? The following websites provide just a sample of what is available online in locating business data, including healthcare-related concerns such as pharmaceutics and healthcare devices.

This summer the Spencer S. Eccles Health Sciences Library is offering two workshops on using the Internet to find financial information. (See page 3 for dates and times.) Participants will peruse several online resources, including some items available through the Marriott Library Indexes, Databases and Reference Material link at **http://www.lib.utah.edu**, plus some items available through the Eccles Library website at **http://medlib.med.utah.edu/reference/fulltext.html** For off-campus access to most library links, please see the information at **http://medlib.med.utah.edu/reference/eccles-remote.html**

Corporate Information

EDGAR

http://www.sec.gov/edgarhp.htm
EDGAR, the Electronic Data Gathering, Analysis, and Retrieval system, performs automated collection, validation, indexing, acceptance, and forwarding of submissions by companies and others who are required by law to file forms with the U.S. Securities and Exchange Commission (SEC). Choose "Search the EDGAR Database," then select "Search the EDGAR Archives." You can also choose from among the "Special-Purpose Searches" to find data on mutual funds, and lists of the most currently filed reports.

Directories

FirmFind
http://firmfind.dws.state.ut.us/pgMain.asp
Search for Utah companies by name, industry, or occupation. You can also find lists of the largest companies in Utah by region.

Thomas Register of American Manufacturers
http://www3.thomasregister.com/
Search by product, service, company or brand name. Includes 156,914 companies and 63,669 product and service categories.

E-Mail Alert Services

Company Sleuth
http://www.company.sleuth.com/index.cfm
Company Sleuth provides free, legal, inside information on publicly traded companies. Company Sleuth scours the Internet for hard-to-find business information on your investments, competitors, partners and clients.

Fulltext Articles

INFOTRAC's Business Index ASAP
http://www.lib.utah.edu **(**link to Indexes, Databases ...)
After selecting INFOTRAC Search Bank and clicking "proceed," choose the Business Index ASAP option. Here you can find citations and many full-text articles from various publications. This database includes items from 1997 to the present, in addition to a "backfile," dating from 1980 to 1996. Search by keyword, subject, or a combination of options in the "advanced search" interface.

ProQuest Direct
http://medlib.med.utah.edu/reference/fulltext.html
Search ABI/INFORM Global to focus exclusively on business. Expand a search by choosing All Databases and find business-oriented articles from general sources.

Industrial Trends

The Dismal Scientist
http://www.dismal.com/home.htm
This incredible website includes several short reports and articles on specific industries, by analysts identified by name and credentials.

Economy at a Glance
http://stats.bls.gov/eag/eag.map.htm
View wage and employment trends by state in the U.S. Includes data for the last six months. Provided by the Federal Bureau of Labor Statistics.

Hoover's Online
http://www.hoovers.com
Lots of different kinds of financial information can be found here. Click on "Companies and Industries" to see how industries have recently performed in the market. From this list, choose an specific industry to find individual companies and accompanying data (**Note:** some files are available only to licensees—log on through Marriott Library for full access).

Price's List of Lists
http://gwis2.circ.gwu.edu/~gprice/listof.htm
Select a category to find lists of "top" items in a field. For example, under "Health" you can find lists to prominent hospitals and assisted living facilities.

Utah Industry Profiles
http://www.dced.state.ut.us/birs/industry/indust.htm
Select a county to find how specific industries are faring in Utah.

Tutorial

Researching Companies *Online*
http://home.sprintmail.com/%7Edebflanagan/

Introducing ... Bonnie Fox

Stacks Manager, Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Bonnie Fox.

Bonnie was born and raised in Bountiful, Utah and attended the University of Utah where she studied English and American History. She is interested in social and cultural history of the U.S., women's history, 19th Century English writers, and modern American literature.

Bonnie worked in high schools in Salt Lake City and Berkeley California as an aide, an English as a Second Language teacher, an administrator in community education and a writing specialist. She has taught poetry and creative writing to all ages from 4th grade girls at YWCA day camp to adults in community education. She has also taught history, grammar and literature, and ESL to people from all over the world from tiny Hmong refugee children to South American socialites to prosperous mercantile Cantonese immigrants.

Bonnie lived and worked in Berkeley and Oakland California for about five years. As well as teaching at Berkeley High School, Bonnie wrote home and garden articles for the *Oakland Tribune* which gave her a chance to travel around the Bay Area interviewing fascinating people.

In the early '90s Bonnie returned to Utah because she missed her family. She worked at an educational software company, Wasatch Education Systems, where she wrote educational software for the **Help Yourself Read** program. The stories and poetry were read on the computer and the students could use the program to help them pronounce and learn new words, learn to approach a new poem or story or answer questions.

Then Bonnie was glad to semi-retire for a few years. She lived at home with her parents while helping to raise her sister's daughter, Carly. Carly was a very special experience for Bonnie. During this time Bonnie worked on a history of Prohibition and continued writing children's literature while caring for Carly.

Eventually Bonnie took a job at Marriott Library's reserve desk. Within a few years she transferred to the Hope Fox Eccles Clinical Library where she worked for several years before joining the full-time staff at Eccles Library as the Stacks Manager (evening and weekend supervisor). "I love libraries and research. I even like helping other people with their research."

American Library Association Honor Roll Recognizes Wayne Peay

Wayne J. Peay, Director of the Spencer S. Eccles Health Sciences Library, will be honored by the American Library Association/Association for Library Trustees and Advocates at their first-ever National Advocacy Honor Roll banquet on Friday, July 7, 2000 during the ALA Annual Conference in Chicago. Sarah Ann Long, ALA President, and Patricia H. Fisher, ALTA President, informed Wayne that he was "chosen by your state as one of the extraordinary library advocates of the 20th century."

Amy Owen, the Utah State Librarian, and Sue Hill, Utah Library Association President, nominated Wayne for this honor. Their nomination letter in part reads as follows:

> "Wayne Peay is nominated for his sustained vision in strengthening library cooperation in Utah. Within the academic library community, Wayne has applied his strategic, political and advocacy skills in helping the Utah Academic Library Consortium (UALC) achieve significant funding increases from the legislature through a multi-year initiative, Libraries 2000. Libraries 2000 has established Ariel telefax services, implemented a statewide integrated library system for academic libraries, created Academic PIONEER-Utah's emerging digital academic library, and launched digitization, cooperative collection development and document delivery projects. Wayne also partnered with the State Library in establishing PIONEER-Utah's Online Library, which unites public and higher education, state government, and Utah's public libraries in joint licensing, was the first statewide, multi-type collaborative database licensing consortium in the nation."

IAIMS Newsletter Deadline and Mailing List

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)
Assistant Editor: Deborah Hile (dhile@lib.med.utah.edu)

The deadline for the Fall 2000 issue of the *IAIMS Newsletter* is Monday, August 7, 2000.

The IAIMS Newsletter is available electronically via the WWW at **http://medlib.med.utah.edu/iaims/iaims.html**

To receive a copy of the electronic version in PDF format, send an email message to: MAISER@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5980. VOICE: 801-585-6744. FAX: 801-581-3632. INTERNET: jeannele@lib.med.utah.edu.

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The Spencer S. Eccles Health Sciences Library
Summer Semester 2000 Hours

May 15 to June 30	
Monday to Thursday	7:00 A.M.-11:00 P.M.
Friday	7:00 A.M.-8:00 P.M.
Saturday	9:00 A.M.-8:00 P.M.
Sunday	11:00 A.M.- 11:00 P.M.
July 1 to August 20	
Monday to Thursday	7:00 A.M.-10:00 P.M.
Friday	7:00 A.M.-8:00 P.M.
Saturday	9:00 A.M.-6:00 P.M.
Sunday	12:00 P.M.- 6:00 P.M.
Special Hours	
July 4—Fourth of July	Closed
July 24—Pioneer Day	Closed

Regular Fall Semester Hours Resume August 21

Phone Numbers

Administration	801-581-8771
Hours	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4686
Computer & Media	801-581-8052
Gifts to Library	801-581-5266
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

The ***IAIMS Newsletter*** is published 3 times a year (August, January, May), with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah.
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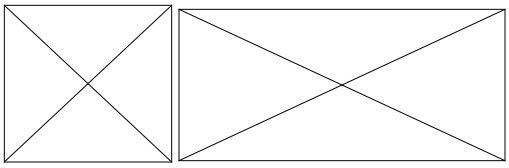
"Free" MEDLINE via the World Wide Web on NLM's PubMed



On May 23, Dr. Donald Lindberg, Director of the National Library of Medicine, announced that in the very near future, MEDLINE would be available at "virtually no cost" to searchers accessing it via the World Wide Web, through NLM's new experimental system, PubMed.

PubMed is accessed from the National Library of Medicine's homepage by selecting the link to Databases and Electronic Information Sources and then PubMed. The URL for NLM is **http://www.nlm.nih.gov/**

"PubMed is a project developed by the National Center for Biotechnology Information (NCBI) at the National Library of Medicine (NLM), located at the National Institutes of Health (NIH). It has been developed in conjunction with publishers of biomedical literature as a search tool for accessing literature citations and linking to full-text journals at Web sites of participating publishers."

"The PubMed search system provides access to the PubMed database of bibliographic information, which is drawn primarily from MEDLINE and PreMEDLINE. In addition, for participating journals that are indexed selectively for MEDLINE, PubMed includes all articles from that journal, not just those that are included in MEDLINE. Finally, PubMed also provides access to the molecular biology databases included in NCBI's Entrez retrieval system. It is expected that access to additional National Library of Medicine databases will be added in the future." (continued on page 2)

IN THIS ISSUE

"Free" MEDLINE via the World Wide Web on NLM's PubMed 1-2
Introducing...Sherelyn Sandberg 2
Knowledge Weavers Update 3
Workshops and Classes 4-7
School of Medicine Curriculum Reform Update 8-9
Internet Resources Related to Pathology 10-12
InfoFair '97 Video Available 12
Slice of Life New Products and Services 13
Outreach Services - PubMed & IGM Free Training 13
Need Help With Coding Your Web Pages? 14-16
Keeping Current: Email Worth Sharing 16-18
Online Catalog News 18
IAIMS Newsletter Deadline and Mailing List 19
Library Hours 20

FREE MEDLINE VIA WORLD WIDE WEB ON NLM'S PUBMED

by
Mary E. Youngkin,
Associate Librarian,
Reference Services,
Spencer S. Eccles Health Sciences Library

(continued from page 1) "Publishers participating in the PubMed project supply NCBI with formatted citations prior to or at the time of publication, and NCBI adds them to the PubMed database. If the publisher has a WWW site that offers full text of its journals, PubMed provides links to that site."

The availability of full-text articles is dependent upon arrangements with journal publishers made either by you or your library. The list of titles is growing rapidly, and includes *Biochemical Journal*, *Journal of Applied Physiology*, *Journal of Biological Chemistry, Journal of Clinical Investigation, Journal of Experimental Medicine*, *Journal of Nutrition*, *Pediatrics*, and *Proceedings of the National Academy of Sciences*, just to name a few. For a list of WWW full-text journals to which PubMed is currently linked see: **http://www.ncbi.nlm.nih.gov/PubMed/full-text.html**.

With a University of Utah IP address, you should have access to the full-text of most of these titles, and we are negotiating for others. You may also wish to the contact the journal publisher directly, as noted on their Web site, for specific access information.

No changes in pricing for modem or non-Web Internet access to NLM's Medlars system have been announced yet. For further information, contact Reference Services at Eccles Library, phone:801-581-5534, Email: reference@ecclab.med.utah.edu or the National Library of Medicine at their new toll free number: 1-888-346-3656.

Introducing... Sherelyn Sandberg,

Administrative Assistant, Spencer S. Eccles Health Sciences Library

The "Introducing..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Sherelyn Sandberg.

Sherelyn and her husband Tim (an ER nurse at Columbia St. Marks) have five children. Much of her at-home time is spent chauffeuring them to various activities, and "encouraging" them to do their homework and chores. She is also a Cub Scout leader well versed in silly songs, games and applauses. When she gets a chance she likes to garden, quilt, read science fiction and mystery novels, listen to Big Band music, watch old movies -- especially musicals, and dance--any kind.

Sherelyn has been at Eccles Library working in the Administration office for almost three years. Her function is mostly an internal one that she sums up as "keeping the library running smoothly, and the care and feeding of staff and faculty." She works with Faye Hadley in maintaining the personnel database and archives, updates the personnel directory and tracks student hours. She takes care of payroll -- and is the one to come to if there is a question about a time card. She also receives payment for the library on billed invoices and has been involved in the transition to the new accounting system and the new electronic CO payment data entry. "Other duties as assigned" pop up continually and keep her job interesting and varied. As a member of the administration staff she cheerfully directs phone calls and visitors to the library department that will best fill their needs.

KNOWLEDGE WEAVERS UPDATE

by
Sharon E. Dennis,
Associate Librarian,
Computer & Media Services,
Spencer S. Eccles Health Sciences Library

The Knowledge Weavers Project of the Spencer S. Eccles Health Sciences Library announces several new resources to support health sciences education, available at the Knowledge Weavers Web site:
http://www-medlib.med.utah.edu/kw/

Fatty Acids Module of NetBiochem

http://www-medlib.med.utah.edu/NetBiochem/FattyAcids/
In conjunction with Dr. James Baggott, Ph.D., Associate Professor of Biochemistry at the Allegheny University of Health Sciences, the Knowledge Weavers team produced the Fatty Acids module of NetBiochem. The module includes graphics and animations as well as a detailed outline.

"Frank," An Interactive Biochemistry Tutorial

http://www-medlib.med.utah.edu/kw/frank/
http://www.umanitoba.ca/faculties/medicine/biochem/tutorials/index.html
"Frank," an interactive biochemistry tutorial originally created in SuperCard, is now available in a Web version. "Frank" was created by Marcel Blanchaer, M.D. of the University of Manitoba and collaborators; the Knowledge Weavers team programmed the Web version, available at http://www-medlib.med.utah.edu/kw/frank/. Due to the highly interactive nature of the tutorial, *Netscape 3.0* is required. Dr. Blanchaer also has a SuperCard version of "Frank" and other tutorials available at the University of Manitoba Clinical Case Computer Tutorials in Biochemistry site at http://www.umanitoba.ca/faculties/medicine/biochem/tutorials/index.html.

Beta Testers Needed for Quiz Template

http://www-medlib.med.utah.edu/kw/quiz_template/
A multiple choice quiz template has been developed to allow faculty to author simple multiple choice quizzes without programming. The template automatically generates the HTML and JavaScript code needed to produce the quiz. The template will work with *Netscape 3.0* and is currently available for beta testing.

Multimedia Library Catalog Coming Soon

The Knowledge Weavers team is currently cataloging over 3,000 multimedia items (photographs, illustrations, videos, and animations) in a variety of health sciences subject areas for inclusion in the Spencer S. Eccles Health Sciences Library Multimedia Catalog. The catalog will be accessible from any Web browser, and can be searched by author, title, subject heading, or keyword. The items in the multimedia catalog can be downloaded directly from the Web and used for any educational purpose. The catalog should be ready by Fall of 1997. For more information, check the Knowledge Weavers Web site, or e-mail Sharon Dennis at sdennis@ecclab.med.utah.edu.

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

Sessions are FREE unless otherwise indicated.

Classes for which a fee is charged require payment in advance to reserve your place in the class.

Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

The workshops and classes described below are presented on a regular basis by the faculty of the Spencer S. Eccles Health Sciences Library. Schedules are printed in the Fall, Winter, Spring and Summer issues of the *IAIMS Newsletter*. The Summer Quarter 1997 schedule is printed below. The schedule is also available electronically via the Library's Web site: **http://www-medlib.med.utah.edu/ education/workshop.html**. Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

Sessions are FREE unless a charge is indicated. Classes for which a fee is charged require payment in advance to reserve a place in the class. Registration is on a first-come/first-served basis. **Please fill in the registration form below and return it to the library with your payment.** A postcard will be sent to confirm your registration. Phone registration will be accepted for classes that do not have a fee. To register for one of the free classes or for more information, call (801) 581-5534.

LOCATION: Computer Classrooms, Lower Level, Eccles Library (unless otherwise indicated).

Workshops and Classes Registration Form
Spencer S. Eccles Health Sciences Library
Bldg 589 / University of Utah / Salt Lake City, UT 84112

Please fill in the following information completely and return to the above address. Registration for classes is accepted by mail or in-person, and is on a first-come/first-served basis. Payment must accompany registration. Your registration will be confirmed by mail. Make check payable to: Eccles Library.

Name: _____ Phone: (w) _____ Phone: (h) _____
Address: _____
City/St/Zip: _____
Class name: _____
Class date: _____ Class time: _____ Cost of class: _____
o Yes! Send me a UU parking day pass for $2.50 Cost of parking: _____
Total enclosed: _____

Tours and Orientations

Tours and orientations are conducted to familiarize faculty, staff and students with library resources and services. Brief tours introduce users to information sources and location of library materials, and present an overview of available services. Detailed instruction in the use of compact disc databases, subject-specific sources, and other reference sources can be arranged. Contact instructor to arrange for a tour or orientation. Instructor: Patricia Arter; (801) 581-4686 or (801) 581-5534; INTERNET: parter@ecclab.med.utah.edu.

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Introduction to CD–ROM Databases

Participants learn the basic mechanisms for searching CD-ROM databases that are available at the Eccles Library. Databases include: Aidsline, Bioethicsline, CINAHL (Nursing & Allied Health Literature), HealthSTAR, MEDLINE, Sport Discus, TOXLINE and PsycLIT. Please call instructors for individual or group instructions at your convenience. Instructors: Patricia Arter; (801) 581-4686; INTERNET: parter@ecclab.med.utah.edu, or Mary McFarland, (801) 581-5534; INTERNET: marym@ecclab.med.utah.edu.

Monday, June 30, 1997	12:30 pm - 1:30 pm
Tuesday, July 8, 1997	12:30 pm - 1:30 pm

Win & Web: MEDLINE Today

This 3 hours, hands-on class will focus on effective techniques for searching the Windows and Web versions of SilverPlatter MEDLINE. The course will also examine and evaluate "free" versions of MEDLINE on the World Wide Web, with particular focus on NLM's new PubMed Retrieval System. Instructor: Mary E. Youngkin; (801)581-5534; INTERNET: maryy@ecclab.med. utah.edu.

Thursday, July 10, 1997	11:00 am - 2:00 pm

Basics of Searching MEDLINE on the NLM System

Participants learn the basics of searching MEDLINE online on the NLM system in this 8-hour, hands-on class, taught in two 4-hour segments. MeSH vocabulary and search strategy, as well as NLM online search protocols are included. $30 for U of U students, staff and faculty; $50 for all others. Contact the instructors to arrange for a class. Instructors: Mary E. Youngkin; (801)581-5534; INTERNET: maryy@ecclab.med.utah.edu, or Nina E. Dougherty, (801) 581-8771; INTERNET: nina.dougherty@m.cc.utah.edu

Grateful Med

Grateful Med is the National Library of Medicine's searching software for accessing the MEDLARS databases in either an IBM compatible or Macintosh environment. Contact the instructor to arrange for a class. Instructor: Kathleen M. McCloskey; (801) 585-5743; INTERNET: kmc@ecclab.med.utah.edu.

Finding Information on the Internet

Learn how to search for the information you need on the Internet using *Netscape*. This class explains how to navigate the Internet using *Netscape* and offers instruction and hands-on practice in how to use Internet directories, indexes, meta indexes and other Internet searching tools to find the Internet resources you need. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu or Nina E. Dougherty, (801) 581-8771; INTERNET: nina.dougherty@m.cc.utah.edu

Wednesday, July 23, 1997	PC	9:00 am -11:30 am

Introduction to HTML

Learn how to create documents to be served over the World Wide Web using the HyperText Markup Language (HTML). This course will cover the basics of

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

Sessions are FREE unless otherwise indicated.

Classes for which a fee is charged require payment in advance to reserve your place in the class.

Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly

HTML coding as well as good document design practices. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu.

Wednesday, July 9, 1997 PC 1:00 pm - 4:00 pm

Advanced HTML

This hands-on workshop will cover several advanced HTML features including forms, tables, and imagemaps. Participants will practice using existing CGI scripts, such as CGIEMAIL, to receive input from forms. Prerequisite: Knowledge of basic HTML. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu.

Friday, July 11, 1997 PC 1:00 pm - 4:30 pm

Creating Multimedia for the Web

This hands-on workshop will cover methods for creating graphics, sound, and video for use on the World Wide Web. Learn how to scan and convert graphics into appropriate formats for the Web, how to decide when to use appropriate graphics formats for the desired purpose, how to deal with color palette issues on different platforms, and how to incorporate graphics into Web pages. Participants will also learn about appropriate audio and video file formats and methods, including the use of "streaming" audio and video and using various plug-ins for delivering audio and video. The workshop will be taught using the Windows platform. Participants may be expected to share a computer. Pre-requisite: Becoming a World Wide Web Information Provider (Introduction to HTML) or equivalent knowledge and experience. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructor: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu

Friday, July 18, 1997 PC 9:00 am -12:30 pm

Creating Educational Presentations Using PowerPoint

Learn how to use PowerPoint 7.0 to create slide presentations on the computer. This course will cover basics of PowerPoint, good design practices, and techniques for using multimedia in your PowerPoint presentations. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu. or Jeanne M. Le Ber; (801) 581-5534; INTERNET: jeannele @ecclab.med.utah. edu.

Wednesday, July 30, 1997 PC 2:00 pm - 4:00 pm

Bibliographic Management

Learn how to manage your reprint files and create properly formatted bibliographies for your publications using either *EndNote* or *ReferenceManager*.

ECCLES LIBRARY CLASSES

Descriptions and Schedules

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Sessions are FREE unless otherwise indicated.

Classes for which a fee is charged require payment in advance to reserve your place in the class.

Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly

Instructor: Jeanne M. Le Ber; (801) 581-5534; INTERNET: jeannele@ecclab.med.utah.edu.

***EndNote* for the Macintosh**
Wednesday, August 13, 1997 MAC 2:00 pm - 4:00 pm

***ReferenceManager* for Windows**
Wednesday, August 6, 1997 PC 2:00 pm - 4:00 pm

Medical Center/Small Computer Users Group

MC/SCUG is an informal group of computer users who enjoy keeping informed about the latest developments in computer applications. There is no membership fee. Meetings are scheduled irregularly based on the need to publicize new library technologies and/or services. Meetings will be announced via the MC/SCUG mailing list. If you are interested in receiving email notification of future MC/SCUG meetings, send an email message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe MCSCUG**

Web Developers' Group

Location: History of Medicine Room, Eccles Library

The Web Developers' Group is an informal group of faculty, staff and students who are interested in publishing on the World Wide Web to support education, research, and patient care. The purpose of the group is to share information in this rapidly changing field; all levels of expertise are welcome. The group will be moderated by Sharon Dennis and Nancy Lombardo of the Eccles Health Sciences Library. No meetings Summer Quarter. Meetings will resume in September.

InfoFair

InfoFair is an annual computer and information event that provides an opportunity for health professionals to obtain up-to-date information on computer applications, resources and services and a glimpse into the future of computers and information technology in the health sciences. Coordinator: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu.

SCHOOL OF MEDICINE CURRICULUM REFORM FOR THE 21ST CENTURY

by
T. Samuel Shomaker, M.D., J.D.
Associate Dean for Curriculum & Minority Affairs

and

Heather Mousley
Academic Coordinator for Curriculum and Minority Affairs

The School of Medicine is currently engaged in its first major curriculum reform initiative in over 20 years. *The Curriculum for the Twenty-First Century* will be implemented in September 1997, with the class of 2001. This reform is the result of nearly three years of effort and the work of nearly 200 members of the medical school community including faculty, staff, librarians and medical students.

The impetus for reforming the curriculum came from the realization that the information age has opened up vast new horizons for the practice of medicine. The exploding base of biomedical knowledge in molecular biology, genetics, and other sciences fundamental to medicine, allied with new, rapidly evolving modes of health care delivery have combined to make the medical practice environment more challenging and dynamic than ever before. In this environment "facts" learned five years ago are obsolete today. Thus, the new curriculum has begun to move away from teaching students the detailed content of each medical discipline in favor of a more "process oriented" approach. In this new paradigm the emphasis is placed on teaching medical problem solving. Students learn to identify relevant medical issues, to consult appropriate sources of medical information, to interpret the data found there and finally, to apply it to the particular circumstances of a patient case.

Changes have been made in many courses throughout all four years of the medical school curriculum. Six broad themes underlie and bring common focus to the curriculum reform process. These themes are:

Information Management

The computer will be a common and widely accepted tool for the physician who practices medicine in the twenty-first century. Thus, students will learn to access and manipulate medical information via information management systems and use that information in the management of clinical patient problems.

Life-Long Learning

A physician's education extends throughout his or her career. Students must become proficient in how to critically read the medical literature so that they can continue to stay up-to-date with rapidly changing medical developments.

Critical Thinking

Much less emphasis will be placed on memorizing facts. In order for information to be maximally useful, the students must be able to apply what they have learned to the specific features of a clinical case. The new curriculum will teach students to problem solve and think critically in the context of real patient cases.

Increased Exposure to Subjects Important to the Practice of Medicine

In the traditional curriculum, the physician's education was confined to the hard sciences. These classes contributed to the understanding of the biological basis of disease. However, it is now recognized that psychosocial, cultural and economic factors, as well as the biological factors, are determinants of health and disease. Students will be trained to take a more global view of patients so that factors such as these are recognized for the important role they play. In addition, subjects like preventive medicine, epidemiology, and health care financing and

SCHOOL OF MEDICINE CURRICULUM REFORM FOR THE 21ST CENTURY

by
T. Samuel Shomaker, M.D., J.D.
Associate Dean for Curriculum & Minority Affairs

and

Heather Mousley
Academic Coordinator for Curriculum and Minority Affairs

delivery, which have assumed greater importance with the onset of managed care, will also be featured prominently in the curriculum.

Excellence in Clinical Medicine

The new curriculum emphasizes traditional medical skills, including the development of interpersonal communications, the physical examination and diagnostic reasoning. Student competence in these areas will be assessed by a hands-on testing procedure.

Enhanced Integration of Subject Matter

The intent of this reform process is to integrate material throughout the curriculum by encouraging communication between course masters, and by using case-based teaching. Freshmen and sophomore medical students will no longer be confined to learning the basic sciences in a classroom setting. Instead, students will have early clinical experiences that reinforce the relevance and importance of the scientific information they are learning in their courses. At the same time, students in the clinical years can benefit from an enhanced appreciation of the importance of basic science principles to the practice of clinical medicine.

Wayne Peay, director of the Spencer S. Eccles Health Sciences Library, and his library faculty, have played an important role in the design of the new curriculum. This role for the library was a natural fit given the emphasis in the curriculum on information management skills and the need to find and retrieve medical information. Librarians have served as consultants and committee members in the design of all the new courses in the new curriculum. Working in conjunction with Mike Lincoln, M.D., Departments of Medical Informatics and Internal Medicine, librarians will teach freshman medical students the information management skills they will need, starting in the first month of medical school. The information management skills that the students develop will be reinforced in other courses throughout their four years in medical school. By graduation, the use of the computer as an adjunct to medical practice will have become second nature. The School of Medicine is appreciative of the support of Wayne Peay and his staff and faculty. The school sees the library as a key partner in the education of the medical students in the new curriculum and looks forward to strengthening ties between the School of Medicine and the Eccles Health Sciences Library.

The Liaison Committee on Medical Education (LCME), the national accrediting body for medical schools, identified the School of Medicine's curriculum reform initiative as the school's principal strength during the recent reaccreditation site visit. Internally, the curriculum reform initiative has generated new excitement for medical education. As the twenty-first century approaches, the School of Medicine is moving proactively to provide graduates with the tools, information and knowledge they will need to be successful in the demanding medical environment they will face in the next century. Although the challenges are many and much remains to be done, the new curriculum has created an air of excitement and anticipation in the School of Medicine.

INTERNET RESOURCES

Internet Resources Related to Pathology

by
Nancy T. Lombardo,
Affiliate Librarian,
Systems,
Spencer S. Eccles
Health Sciences
Library

As with all medical specialties, Pathology resources are well represented on the Internet. In fact, there are so many Web sites related to Pathology that the best approach to discovering the variety and scope of their coverage is to use one of the "gateway" sites, or collections, that serve as directories to Internet resources. Try the four collections listed below for comprehensive lists of Pathology resources online.

A sampling of Pathology sites follows the list of collections. The Internet provides access to case reviews, CME credits, continuing education offerings, job listings, calendars of society events, electronic journals and forums for discussion. Some community practice pathologists are even using it for marketing their services, as shown in the final entries on this list.

COLLECTIONS OF INFORMATION

Martindale's Health Sciences Guide
http://www-sci.lib.uci.edu/~martindale/MedicalPath.html
The Virtual Pathology and Virology Center is a gateway to a huge collection of resources on Pathology and Virology, as well as general Internet and global information.

Medical Matrix/Pathology
http://www.medmatrix.org/SPages/Pathology.stm
The Medical Matrix Project is devoted to posting, annotating, and continuously updating "full content, unrestricted access, Internet resources appropriate for point of care clinical application." Peer reviewed.

MedScape
http://www.medscape.com/
Medscape®, for health professionals and interested consumers, features thousands of free full-text, peer-reviewed articles, medical news, MEDLINE, and interactive quizzes. Updated daily!

MedWeb/Pathology
http://www.gen.emory.edu/MEDWEB/keyword/pathology_and_laboratory_medicine.html
MedWeb contains over 8000 links relating to the health sciences. It is supported by the Emory University Health Sciences Center Library.

SELECTED PATHOLOGY WEB SITES

American Society of Clinical Pathologists
http://www.ascp.org/
The ASCP site is well organized and easy to navigate. An excellent calendar allows you to find continuing education opportunities, national meetings, exam schedules and society meeting dates. A job search area lists positions available for Pathologists and Technologists. Forums for discussion of various issues are provided.

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Brain Pathology Online
http://path.upmc.edu/divisions/neuropath/bpath.html
Official journal of the International Society of Neuropathology. Selected full text, articles, abstracts, and cases are presented. In addition, society news, events and training opportunities are covered.

College of American Pathologists
http://www.cap.org/
This is the official Web site for CAP. The site has several areas that are restricted to active members of the College. Included is information on member services, lab improvement and practice, and CAP publications.

CytoLink
http://www.cytology.com/
The aim of this site is to be a complete, on-line, multimedia cytology information resource. This is available to anyone with WWW access, and there is no charge for its use.

CytoPathNet
http://www.cytopathnet.org/
This electronic information center was developed to serve as a means to provide practical, streamlined access to information on the Internet about the field of cytopathology. It is useful to cytotechnologists, cytopathologists, pathologists, and pathology residents.

Gastrointestinal and Liver Pathology
http://www.pds.med.umich.edu/users/greenson/
This area of cyberspace is dedicated to gastrointestinal and liver pathology. There are separate areas devoted to GI, infectious, and liver cases of the month. In addition, an unknown case of the month is highlighted.

Pathology 200
http://www.med.upenn.edu/~path/p200/p200.html
Here is a collection of multimedia pathology course notes categorized by organ system. Each case includes multiple slide images and lecture notes describing the case, including quiz questions and related literature references.

Tumor Board
http://www.tumorboard.com/
This page is the world's largest source of copyright-free digital pathology images. This Web site is provided as a free service for pathologists around the world to share their cases.

WebPath
http://www-medlib.med.utah.edu/WebPath/webpath.html
This electronic laboratory includes over 1700 images along with text and tutorials that demonstrate gross and microscopic pathologic findings associated with human disease states. Created by Dr. Ed Klatt, University of Utah, the site also offers CME credits.

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ELECTRONIC JOURNALS –
TABLE OF CONTENTS & ABSTRACTS ONLINE

Journal of Cellular Pathology at OUP
http://www.oup.co.uk/jnls/list/jcpath/hdb/

Pediatric Infectious Diseases
http://www.pedid.uthscsa.edu/index.html

American Journal of Pathology
http://www.at-home.com/PATHOLOGY

MAILING LISTS & NEWS GROUPS FOR COMMUNICATION

sci.med.pathology	Newsgroup with discussion of topics in Pathology.
PATHO-L	Mailing List devoted to discussion of Pathology topics. You can join this group by sending the message "sub PATHO-L your name" to listserv@listserv.cc.emory.edu
PATHNET	Pathology and Laboratory Medicine Mail List To subscribe, send email to pathnet@email.afip.osd.mil and in the subject header, put "subscribe."
PEDPATH	Pediatric Pathology Mail List To subscribe, send the message “subscribe PEDPATH your name” to listproc@u.washington.

COMMUNITY PRACTICE MARKETING SITES

Pathology Associates, P.A., Little Rock, AR
http://www.pathassociates.com/

ProPath Laboratory, Dallas, Tx
http://www.propathlab.com/

INFOFAIR '97 VIDEO AVAILABLE

A video of the featured presentation at InfoFair '97, *Confidentiality of Patient Data in the Age of the Internet* (Paul Clayton, Ph.D.) is available for checkout at the Computer & Media Services Desk on the lower level of the Spencer S. Eccles Health Sciences Library. The call number is: VT3 97-89. It may be checked out for one week.

If you would prefer to have your own copy of the InfoFair '97 video, copies are available for $12.75 each plus $3.00 shipping and handling for copies sent via U.S. Mail. Send your order to: Joan M. Gregory, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. Checks or campus orders should be made out to: Eccles Health Sciences Library.

SLICE OF LIFE

by
Michael Thelin, Project Coordinator, Slice of Life, Spencer S. Eccles Health Sciences Library

A major project is underway to convert the frame imagery on the *Slice of Life* videodisc from its current analog format to digital images. With end-user demand for imagery in digital form, it seems only logical to begin the process of converting frame images stored on the analog videodisc to the digital format.

This conversion project is given further impetus by the on-going work of the Knowledge Weavers at the Eccles Health Sciences Library. Presently, the Stensaas/Millhouse images on *Slice of Life* are being enhanced and resized for "thumbnail" and larger digital versions for eventual Web use. Once work on these images is complete, the images will be loaded onto the library server and will be fully integrated with the Horizon (online) cataloging system.

These same digital images will be converted into a FileMaker Pro CD-ROM. The transition of Slice imagery from analog to digital allows for the creation of CD-ROM "topic" subsets. These subsets of Slice imagery will then be marketed to individuals and institutions interested in making use of data that has been added over the years to the successive editions of the analog videodisc.

The conversion of Slice analog frame images affords an opportunity to make use of the expanding technology in the digital domain. Posting frame images to the Slice of Life Web site for end-users to download will become a practical possibility. The "digital" Slice of Life is a project undertaken to meet the needs of researcher, software developer, teacher and student alike in exploiting the uses of computers in education.

OUTREACH SERVICES

PubMed & IGM Free Training

by
Kathleen M. McCloskey, Librarian, Outreach Services, Spencer S. Eccles Health Sciences Library

With the announcement of free access to MEDLINE on PubMed (see article on pages 1 and 2), there will be a renewed interest on the part of health care practitioners in learning to search these systems. The focus for Eccles Library Outreach, the Rural Medical Library Outreach Program, is to offer training in using these systems. In conjunction with the University of Utah Telemedicine Project, the Utah AHEC, and the Utah Department of Health, Bureau of Primary Care and Rural Health Systems, a series of training sessions are being offered free and on-site across the state.

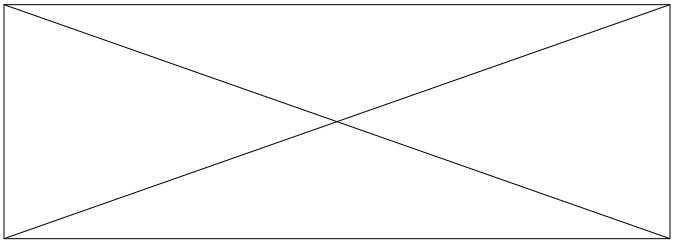
The current training schedule includes introductory classes in the following areas: Windows 95, searching for resources on the Internet: PubMed, Internet Grateful Med, Grateful Med for Windows, and Utah's new Pioneer system of full text documents. Many rural health care practitioners who have access to the Internet would like to search more effectively and efficiently, but find training expensive and available only in the larger cities. This is an opportunity to provide up to date in-service and training for you or for staff at your health care facility. Distance Learning students will find this training invaluable in locating resources for classes.

To schedule training, contact: Kathleen McCloskey, Outreach Services at (801) 585-5743 or e-mail kmc@ecclab. med.utah.edu.

NEED HELP WITH CODING YOUR WEB PAGES?

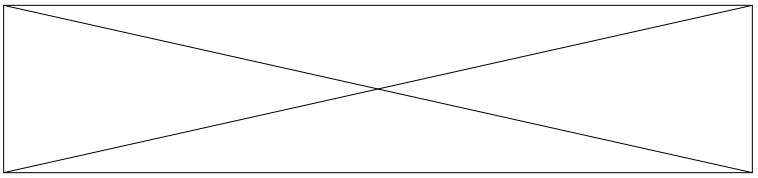
Try using *Homesite 2.5* at Eccles Library

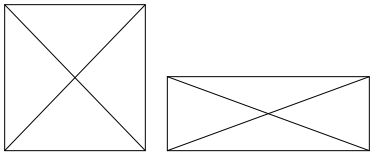
by
Nancy T. Lombardo,
Affiliate Librarian,
Systems
Spencer S. Eccles
Health Sciences
Library



The Spencer S. Eccles Health Sciences Library has a site license for the new code based *HomeSite* HTML editor by Allaire. The editor is available on all the PCs in the Computer and Media Department on the lower level of the Eccles Library. Find it as an icon in the Internet Folder or in the Internet toolbar on the desktop. *HomeSite 2.5* for Windows 95 and NT is an excellent, 32-bit, text based HTML editor and is also available for download at **http://www.dexnet.com/** or **http://www.allaire.com/**. *HomeSite 2.5* is $39.95. There is a free version, *HomeSite 1.2*, which has fewer features. This editor is valuable for anyone doing HTML coding of Web pages, but is especially useful for experienced coders.

Main Toolbar - Vertical Display





Standard toolbuttons - New, Open, Save, Save All, Cut, Copy, Paste

Apart from the standard toolbuttons the main toolbar contains the following:

Verify Links

Publish the current document to a server (requires *Microsoft's Web Publishing Wizard*)

Validate HTML coding (Requires CSE 3310 Validator)

Checks the spelling in the current document

Displays the find dialog

Displays the replace dialog

Displays the extended replace dialog

Undo

NEED HELP WITH CODING YOUR WEB PAGES?

Try using *Homesite 2.5* at Eccles Library

by
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Affiliate Librarian,
Systems
Spencer S. Eccles
Health Sciences
Library

Redo

Toggles Word Wrap off and on

Toggles display list of directory pane

Browses the current document using external browser

Help for using HomeSite

HTML Code Help

For those who want more help with the actual HTML coding, *HomeSite* allows you to assign an external help file to give you more detailed help information about HTML coding. (Use **Option Menu, Settings, File Tab** - enter location of, or browse to locate help file in field lowest in the window.) Nick Bradbury recommends the HTML Reference Library (**http://subnet.virtual-pc.com/~le387818/**) by Stephen Le Hunte. This file must be downloaded and installed on your PC.

Selected Features of HomeSite2.5

Projects are collections of HTML documents and are used to provide you with easy access to a group of related documents. Opening a project will open every document it contains. Once you open a project, the QuickAnchor dialog will contain relative paths to each document in the project. This makes it easy to add hyperlinks to other documents in the project. Another powerful project-oriented feature is the ability to search-and-replace across an entire project. *HomeSite*'s **Extended Search-and-Replace** enables you to select a project and replace entire blocks of text in every document the project contains.

Templates - *HomeSite* comes with three useful templates, a basic HTML document, an HTML glossary and an HTML Table of Contents page. *Homesite* templates are assigned an .hst extension when the program is installed. If you have trouble viewing these, you may need to add hst to the list of document extensions found in the Options Menu, Settings, and Files tab. Templates are also assigned using the Options Menu, Settings, and Files Tab. The assigned template will be produced when using the New command. You can create your own templates to use with *Homesite*. Just use the hst extension.

Open from Web - This entry in the **File Menu** allows you to open documents directly from the Web using the URL. This feature automatically imports the document into *HomeSite* and color codes the tags.

Toolbars - The toolbars contain buttons for items such as Forms, Tables, Frames, Image Maps, ActiveX controls and Style Sheets**.**

Apps Toolbar - The Apps toolbar allows you to create quick access buttons for applications you commonly use during Web site development. I generally add

NEED HELP WITH CODING YOUR WEB PAGES?

Try using *Homesite 2.5* at Eccles Library

by
Nancy T. Lombardo, Affiliate Librarian, Systems
Spencer S. Eccles Health Sciences Library

Paint Shop Pro and *WS_FTP* to my Apps Toolbar.

Custom Toolbars - You can assign commonly used tags, groups of tags, or scripts to your custom toolbars. This allows you to quickly insert elements. This feature could be handy for form tags, table tags and frame tags which are very tedious to type in each time.

Publish - This feature allows you to publish your document to a server on the Internet. It requires installation of an additional piece of software, Microsoft's *Web Publishing Wizard* (**http://www.microsoft.com/windows/software/webpost/**). While this feature can be useful, I find more traditional FTP programs such as *WS_FTP* to be more flexible and easier to manage.

Drawbacks to *Homesite 2.5*

- Advanced features, such as Frames and Forms require some knowledge of HTML coding.
- The publishing feature is a little clumsy.
- No intent to develop Mac or Win 3.x versions.

Overall, though, for $39.95 for the commercial version or FREE for version 1.2, the value is great.

***Homesite 2.5* - Commercial Version $39.95**	***Homesite1.2* - Free version**
Open multiple documents	Work on single document only
Drag and Drop to add images or links	No drag and drop
Open from Web using URL	Open from local disks only
Spell Checker	No spell checker
Publish to Web (use *MS Web Publishing Wizard*)	No publish feature
Project Management feature	No projects
Right Click to edit tags	No right click

KEEPING CURRENT: EMAIL WORTH SHARING

My response to a recent email question might be worth sharing. The question was, "MEDLINE seems fairly far behind the current journals. Do we have access on the Internet to *Current Contents*?"

My response: Due to budget constraints, we don't have networked access to *Current Contents* at Eccles Library. We are still receiving the print versions of *Clinical Practice* and *Life Sciences.*

Do you use Current Contents to follow specific journal titles, subjects, authors, or all of the above?

Some alternatives:

PubMed

PubMed is accessed from the National Library of Medicine's homepage by selecting the link to Databases and Electronic Information Sources and then PubMed. The URL for NLM is **http://www.nlm.nih.gov/** (See the article on

KEEPING CURRENT: EMAIL WORTH SHARING

by
Mary E. Youngkin,
Associate Librarian,
Reference Services,
Spencer S. Eccles Health Sciences Library

pages 1 and 2.) In addition to the full run of MEDLINE, it includes a new database called PreMEDLINE. An example of it's currency: the February 27th *Nature* (the cloning article) was entered into the database on March 4th. PubMed also includes links to the full text of an increasing number of journals. Once you are linked to the publisher's own page, you will very often find the current issue as well as past issues of their titles. You also have access to PreMEDLINE if you have an National Library of Medicine (NLM) account.

Article First and Contents First

These are companion databases which list tables of contents information for 12,500 journals. Because they don't actually "index" the subject material, (they simply type in tables of contents) it is more up to date than our SilverPlatter MEDLINE. For instance, when you look in Contents First for *Cell*, it includes the May 16, 1997 issue, a lag time of approximately 2 weeks.

These databases can be found on Marriott Library's homepage at
http://www.lib.utah.edu/dbaccess/uu.html
or a telnet version is on Infogate: **infogate.lib.utah.edu.edu** Look for FirstSearch databases.

Uncover

Another up to date choice: Uncover – **http://www.carl.org/uncover**

"UnCover is an online periodical article delivery service and a current awareness alerting service.... nearly 17,000 English language periodicals. Over seven million articles are available through a simple online order system.

For a small annual fee of $25.00, UnCover Reveal electronic alerting service, will automatically send you the tables of contents of up to 50 journals and the results of search strategies via e-mail on a regular basis. (Because Uncover has very broad coverage not limited to science, I would just make sure that the journal titles you follow are actually included in the database.)

Elsevier Science Inc. also has a new alerting service: ContentsDirect. "Using email, ContentsDirect delivers a contents listing of each issue directly to your pc two to four weeks prior to publication."..The service is limited to Elsevier, Pergamon, and Excerpta Medica publications, but is "free and you can subscribe to as many journals as you like." For a list of ContentsDirect journals, send e-mail to CDhelp@elsevier.co.uk and to subscribe, send a message to CDsubs@elsevier.co.uk giving the following information:
Your name
Your email address
Your full postal address and fax number
The journals for which you would like to receive the ContentsDirect Service

These are just two of the many alerting services available.

(continued on page 18)

KEEPING CURRENT: EMAIL WORTH SHARING

(continued from page 17)

Journals on the Web

Last but not least, as I'm sure you know, many journals have tables of contents on the Web now... some with full text access, some without. *Journal of Biological Chemistry*, for instance, **http://www.jbc.org/** has full-text of its May 30th issue, and a preview of contents for the June 6th issue. (I'm writing this on June 2nd!) Eccles Library maintains a list of full-text journals at **http://www-medlib.med.utah.edu/database/ejournal.html** and many more can be located by searching for the title with a web search engine.

ONLINE CATALOG NEWS

General Keyword Searching Available

General keyword searching is now available in the Eccles Health Sciences Library Horizon online catalog. Previously, you could search separately by Title Keyword, Subject Keyword or Author Keyword. The "General Keyword" search looks through all three (Title, Subject or Author) indexes simultaneously, which can be a tremendous time saver in finding more obscure items.

The "General Keyword" search is listed as the first choice on the search menu in Horizon graphical interfaces (Windows and Macintosh versions). General Keyword searching is not yet available for the Telnet interface.

Horizon Hint: When using any of the keyword searches, "and" is implied. You do not need to type in "and" between words (e.g., typing "institute medicine" retrieves "institute" and "medicine").

For assistance in using the Eccles Health Sciences Library Horizon online catalog, contact the Reference Desk at (801) 581-5534.

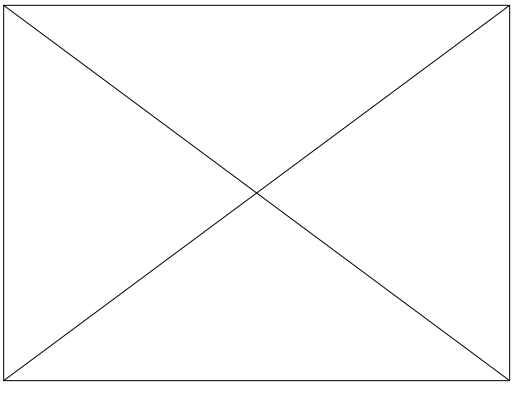
Telnet Access To Online Catalog Upgrades

Telnet access to the Spencer S. Eccles Health Sciences Library Horizon online catalog has been upgraded to fix a problem encountered in Subject Keyword Searching.

To reach the Eccles Library Horizon online catalog via telnet:

telnet://library.med.utah.edu/
login as: guest

Please contact Joan M. Gregory, (801) 581-5269 or email: joang@ecclab.med.utah.edu if you encounter any problems.



IAIMS NEWSLETTER

Deadline and Mailing List

The purpose of the *IAIMS Newsletter* is to keep the campus community informed on all aspects of computer and information technology as well as on the services provided by the Spencer S. Eccles Health Sciences Library. Articles on computer and information technology events, applications, services, education, etc. are welcome. To contribute articles to the *IAIMS Newsletter*, contact Jeanne M. Le Ber at the address indicated below.

The deadline for the Fall 1997 issue of the *IAIMS Newsletter* is: September 1, 1997.

The *IAIMS Newsletter* is available electronically via the World Wide Web at **http://www-medlib.med.utah.edu/iaims/iaims.html**. If you would like to receive a copy of the electronic version in **PDF format**, send an email message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe IAIMS**

To be added to the **printed** newsletter mailing list, send the following information to: Jeanne M. Le Ber, Editor, *IAIMS Newsletter*, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. VOICE: (801) 581-5534. FAX: (801) 581-3632. INTERNET: jeannele@ecclab.med.utah.edu.

***IAIMS NEWSLETTER* MAILING LIST**

Please add my address to the **printed** *IAIMS Newsletter* Mailing List.

Name: _____

University of Utah Department: _____

University of Utah Campus Address: _____

Company/Institution: _____

Address: _____

City: _____

State/Zip Code: _____

Spencer S. Eccles Health Sciences Library
University of Utah
Building 589
Salt Lake City, Utah 84112

Non-Profit Organization
U.S. Postage Paid
Salt Lake City, Utah
Permit Number 1529

The Spencer S. Eccles Health Sciences Library
Summer Hours

Summer Quarter Break Hours June 13 to June 28, 1997

Monday - Friday	7:00 am - 8:00 pm
Saturday	9:00 am - 6:00 pm
Sunday	Closed (June 15 and June 22)

Summer Quarter Hours June 29 to August 23, 1997

Monday - Thursday	7:00 am - 10:00 pm
Friday	7:00 am - 8:00 pm
Saturday	9:00 am - 6:00 pm
Sunday	NOON - 6:00 pm

Closed Friday, July 4 and Thursday, July 24, 1997

Quarter Break Hours August 24 to September 27, 1997

Monday - Friday	7:00 am - 8:00 pm
Saturday	9:00 am - 6:00 pm
Sunday	Closed

Fall Quarter Hours begin September 28, 1997

IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Spring 2006 Volume 21 Number 2

Utah Go Local Project: Connecting People with Local Services

A group of partner organizations that includes the Spencer S. Eccles Health Sciences Library submitted a successful proposal to the National Network of Libraries of Medicine to build a database of health-related services in Utah. The *Utah Go Local* database will connect regional MedlinePlus (*http://www.medlineplus.gov*) users with local health services in their Utah communities.

The database includes information on services that are both directly and indirectly connected to health. For example, users will find clinics, food pantries, shelters, libraries, and medical equipment stores located throughout the state. Users will be able to research a health topic on MedlinePlus, and then click the appropriate links in the Go Local portion the screen to find services in their area.

The Utah Go Local Team is enthusiastically anticipating the public launch of the Utah Go Local database. This event will be announced in the News and Events column on the Eccles Library website, as well as through press releases and radio announcements. For more information on the National Library of Medicine's Go Local Project, please visit *http://www.nlm.nih.gov/medlineplus/golocal.html.*

InfoFair 2006

Tuesday, April 25

Keynote speaker: Donald Lindberg, M.D., Director of the National Library of Medicine

Library and Information Technology Forum Spring Schedule

The Spencer S. Eccles Health Sciences Library sponsors a series of brown bag seminars related to library and information technologies. The Library and Information Technology Forum is generally held the second Wednesday of the month in the Health Sciences Education Building, Room 2600 from 12:05 until 1:00 P.M. Sessions provide an opportunity for faculty, staff and students to learn about new computer technologies and electronic information sources. Visit the LIFT Forum website at *http://library.med.utah.edu/or/lift/lift.php.*

The January 18 LIFT Forum features Suzanne Stensaas, Ph.D., who will talk about her experiences with team learning. Team learning is an active form of group learning designed to apply knowledge initially learned outside the classroom to a problem to be solved by a team in a classroom. This type of activity is being used in over 40 medical schools and Suzanne hopes to stimulate other colleges and courses to acquaint themselves with the process and design team learning exercises for their courses.

Forum Schedule: HSEB 2600 from 12:05 to 1:00 P.M.

- **January 18**—Suzanne Stensaas—*Incorporating Technology into Team Learning: School of Medicine's First Attempt* (HSEB Room 2600)
- **February 8**—Teri Olsen and Mickey Daureele—*Patient Portal Project* (HSEB Room 2600)
- **March 8**— Bo Forman—*Use of Pocket PC in Teaching* (HSEB Room 2600)
- **April 12**—TBA (HSEB Room 2600)
- **April 25**—InfoFair 2006 (HSEB Room 1730)
- **May 10**—TBA (HSEB Room 2600)

In This Issue

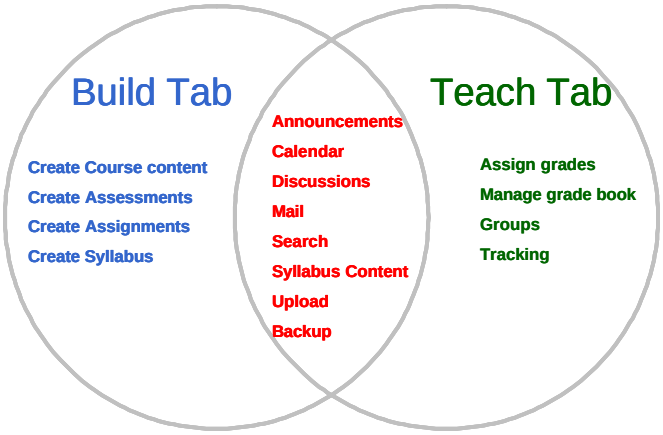
Utah Go Local Project 1
Library and Information Technology Forum Schedule 1
WebCT—Online Course Tools; Campus Edition 2
Introducing . . . Shelli King & Try Us for MS Access 2
Library Workshops and Classes & NCBI Classes 3
NCBI Classes Available From a Distance Using Breeze . . . 4
New NCME DVD Titles & Library Personnel Changes . . . 4
Slice of Life 2006 - Lausanne, Switzerland 5
Journal News 5
Eccles Library Partners with DFPM 5
Faculty Needs Assessment Survey Results 6
Attention Scholars! University Institutional Repository . . 7
Heal Adds New Collections 7
IAIMS Newsletter Deadline and Mailing List 7
Spring Semester Library Hours and Phone Numbers 8

WebCT—Online Course Tools; Campus Edition,V.6

WebCT is a popular web-based course preparation and management system. It provides powerful tools for publishing course materials on the Web—as well as tools for course navigation, communication, testing, student tracking, student tools and more. The University of Utah upgraded to version 6, also known as Campus Edition, for Spring Semester 2006.

WebCT Campus Edition 6 has a new look and improved functionality.

- The new QuickStart page allows faculty to quickly set up their courses, adding the communication, organizational, and learning activity tools they need most.
- Instructors can now easily move multiple computer files using desktop-style navigation and then place the files directly on a page, in a folder, or in a learning module.
- The interactive student view allows faculty to easily check their work, experiencing their course exactly as their students will.
- The designer and instructor roles are separate. Designers have access to all of the tools they need for course design, but do not have access to instructional tools, such as the Grade Book. Instructors have access to all of the tools they need to manage courses and interact with students, but do not see the palette of course design tools. Individuals can be assigned one or both roles.



New roles for **build** and **teach** in
WebCT Campus Edition, version 6.
Shared roles are listed where the circles intersect.

Would you like to learn more? Do you need help getting your materials on WebCT? Do your students need a brief introduction to this tool? If so contact Alice Weber; 801-587-9247, aweber@lib.med.utah.edu; or Jeanne Le Ber; 801-585-6744, jeannele@lib.med.utah.edu at the Spencer S. Eccles Health Sciences Library.

Introducing . . . Shelli King

Shelli King, Office Assistant, Administration
Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Shelli King.

"My name is Shelli King. I am the office assistant in the administration office at the Spencer S. Eccles Health Sciences Library. I started this position at the beginning of November, but I have worked with the University since 2004 with Mission Based Management as a CV Specialist. My main duties are to provide office support for the library staff and faculty.

"I am attending the University of Utah to earn my Bachelor of Arts degree in Anthropology. I should graduate in the Spring of 2007. Before arriving here, I attended the University of Montana, Missoula and worked in their Computing and Information Services as a Computer Operator from 1999 to 2004.

"My future goal is to take the GRE and then attend graduate school here in the west. I will be focusing my schooling on archaeology, specifically Roman and Celtic archaeology. Once I have completed my Ph.D., my goal is to teach at the university level."

Try Us for MS Access

Sign up for the MS Access class offered by the Spencer S. Eccles Health Sciences Library! It's a two part course with the first section focusing on the basics of the software and the second portion offering more advanced features.

The course is great for those who use an existing database and want to learn more about navigating the software, enhancing data entry easily, and performing basic queries. The class also pertains to those who need to know more about creating databases from scratch. We cover basic database design principles to get you started on developing a database for your specific needs.

For more information, please contact Allyson Mower; 801-581-5534, amower@lib.med.utah.edu.

Library Workshops and Classes

Tours and Orientations
To schedule call 801-581-5534 or email Mary McFarland at marym@lib.med.utah.edu

Access Basics	**HSEB 3100D**
Wednesday, February 1, 2006	1:00 P.M.-3:00 P.M.
Wednesday, March 6, 2006	1:00 P.M.-3:00 P.M.
Wednesday, April 5, 2006	1:00 P.M.-3:00 P.M.
Access Advanced	**HSEB 3100D**
Wednesday, February 6, 2006	1:00 P.M.-3:00 P.M.
Monday, March 13, 2006	1:00 P.M.-3:00 P.M.
Monday, April 10, 2006	1:00 P.M.-3:00 P.M.

Basic Design
By request for groups of four or more; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

Bibliographic Management

EndNote (version 9)	**HSEB 3100D**
Wednesday, January 18, 2006	2:00 P.M.-4:00 P.M.
Tuesday, January 31, 20061	8:00 A.M.-10:00 A.M.
Friday, February 10, 2006	2:00 P.M.-4:00 P.M.
Friday, February 24, 2006	2:00 P.M.-4:00 P.M.
Monday, March 13, 2006	11:00 A.M.-1:00 P.M.
Monday, April 17, 2006	9:00 A.M.-11:00 A.M.

EndNote, Follow-up Session
To be arranged; contact Jeanne Le Ber at 801-585-6744.

Breeze Live
By request; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

Contribute
By request for groups of four or more; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

Dreamweaver, Part 1 and 2
By request for groups of four or more; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

Excel Essentials, Part 1	**HSEB 3100A**
Tuesday, February 21, 2006	11:00 A.M.-12:00 P.M.
Monday, March 27, 2006	1:00 P.M.-2:00 P.M.
Wednesday, April 26, 2006	11:00 A.M.-12:00 P.M.
Excel Essentials, Part 2	**HSEB 3100A**
Thursday, February 23, 2006	11:00 A.M.-12:00 P.M.
Wednesday, March 29, 2006	1:00 P.M.-2:00 P.M.
Friday, April 28, 2006	11:00 A.M.-12:00 P.M.

Grant Writing and Research	**HSEB 3100B**
Friday, January 20, 2006	9:30 A.M.-11:30 A.M.
Friday, February 17, 2006	9:30 A.M.-11:30 A.M.

PowerPoint, Basic Presentations	**HSEB 3100 Suite**
Friday, January 13, 2006	2:00 P.M.-4:00 P.M.
Monday, February 13, 2006	9:00 A.M.-11:00 A.M.
Friday, March 3, 2006	2:00 P.M.-4:00 P.M.
Wednesday, April 12, 2006	9:00 A.M.-11:00 A.M.

PowerPoint, Advanced Techniques	**HSEB 3100 Suite**
Friday, January 20, 2006	2:00 P.M.-4:00 P.M.
Monday, February 20, 2006	9:00 A.M.-11:00 A.M.
Friday, March 24, 2006	12:30 P.M.-2:30 P.M.
Wednesday, April 19, 2006	9:00 A.M.-11:00 A.M.

PowerPoint, Animation Part 1 and 2
By request for groups of four or more; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

PowerPoint, Posters	**HSEB 3100 Suite**
Friday, January 27, 2006	2:00 P.M.-3:00 P.M.
Tuesday, February 21, 2006	11:00 A.M.-12:00 P.M.
Friday, March 31, 2006	1:00 P.M.-2:00 P.M.

PubMed MEDLINE Basics	**HSEB 3100A**
Thursday, January 19, 2006	1:30 P.M.-3:00 P.M.
Monday, January 30, 2006	4:00 P.M.-5:30 P.M.
Wednesday, February 15, 2006	10:30 A.M.-12:00 P.M.
Monday, March 13, 2006	1:30 P.M.-3:00 P.M.
Tuesday, April 11, 2006	10:30 A.M.-12:00 P.M.
Wednesday, May 17, 2006	1:30 P.M.-3:00 P.M.

PubMed instruction can be arranged to meet your schedule. Contact Mary McFarland: 801-581-5534, marym@lib.med.utah.edu.

RefWorks
By request for groups of four or more; contact Jeanne Le Ber at 801-585-6744 or jeannele@lib.med.utah.edu

Scanning with Adobe Photoshop	**HSEB 3100 Suite**
Wednesday, February 15, 2006	9:00 A.M.-11:00 A.M.

Classes are hosted by the Spencer S. Eccles Health Sciences Library. Online registration is required for all classes. For more information see the Eccles Library Web page at ***http://registration.med.utah.edu/*** or please call 801-581-7535 or 801-585-6744.

Faculty are encouraged to consider integrating library classes into their course content. For more information contact Jeanne Le Ber; jeannele@lib.med.utah.edu; 801-585-6744.

NCBI Classes

Nicola Gaedeke, Ph.D., will be teaching a series of six classes related to the use of the NCBI databases. Classes are scheduled from 1:30-3:00 P.M. and will be taught from Berlin, Germany using web-based Breeze Meeting. Check the classes website to read class descriptions, to verify days and times, and to register. Classes include:

1. **Gene-centered information** (e.g. Entrez-Gene, Gene-Cards and other resources)—Tuesday, January 24, 2006
2. **Organism-centered information software** (e.g. Taxonomy Browser and other resources)—Tuesday, February 7, 2006
3. **From Sequences-Searching to a Multiple Alignment**—Thursday, February 23, 2006
4. **BLAST - the Algorithm**—Thursday, March 2, 2006
5. **BLink - the BLAST link**—Thursday, March 16, 2006
6. **MapViewer** - A genome browser to search and view chromosomes—Thursday, March 23, 2006

NCBI Classes Available From a Distance Using Breeze

Nicola Gaedeke
Bioinformatics Information Specialist

The Spencer S. Eccles Health Sciences Library is offering a series of bioinformatics workshops from Berlin, Germany. Nicola Gaedeke, the course instructor, and Susan Roberts, technical assistant, are using Web-based tools to provide distant services to the life sciences community. An initial series of NCBI classes was hosted in December 2005 with a large number of participants and successful use of Breeze Meeting, a tool for delivering dynamic virtual presentations and training courses.

This series of NCBI class is now being offered Spring Semester. Attendees can participate online from their office or from a computer lab in the Health Sciences Education Building (HSEB) by logging into the virtual classroom. In order to participate, attendees need an Internet connection, a Web browser, a headset and speakers. Participants can communicate with the instructor using the chat feature, the "My Status" function, or voice if a microphone is available.

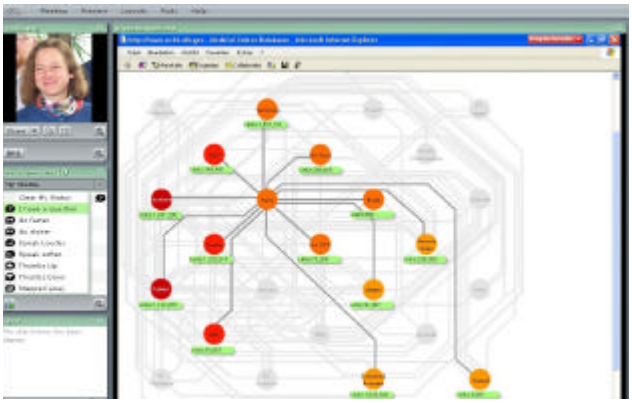
Classes focus on the databases and sequence analysis tools available from the National Center for Biotechnology Information (NCBI). Classes are held for 1.5 hours.

NCBI—1. Gene-centered Information
NCBI—2. Organism-centered Information software
NCBI—3. From Sequences-Searching to a Multiple Alignment
NCBI—4. BLAST - The Algorithm
NCBI—5. BLink - The BLAST Link
NCBI—6. MapViewer - A Genome Browser to search and view chromosomes.

A detailed description of the classes with dates and times can be found at the Library Classes page at *http://registration.med.utah.edu/classes.cfm?textonly=false.*

Additional topics will be covered in the near future. There are plans to offer the classes to the resource libraries in the region.

Other services provided by Nicola Gaedeke are consultations and annotated link-lists. More information is available at the Helix-Helper Pages on the library Web page (*http://medlib.med.utah.edu/ed/helixhelper/index.php*).



New NCME DVD Titles

The Spencer S. Eccles Health Sciences Library has recently acquired a number of vidoecassettes, including some NCME programs. Title received by the library include the following:

DVD 2004-62	Medical Management of Brain Attack and Stroke
DVD 2004-64	Acute Abdominal Pain in Adults
DVD 2004-68	Cardiovascular Disease Prevention
DVD 2004-70	Domestic violence: The Role of the Proactive Physician
DVD 2005-5	Alzheimer's Disease: Clearing Up Confusion
DVD 2005-7	Polypharmacy in the Aged
DVD 2005-18	Joint Replacement Considerations for Replacing Worn-out Hips and Knees
DVD 2005-22	Restless Legs Syndrome
DVD 2005-25	Hormone Replacement Therapy: Addressing the Issues
DVD 2005-30	Long-Haul Flights and Associated Maladies
DVD 2005-32	Medical Ethics and End-of-Life Decisions
DVD 2005-35	Assisting Patients Who Need Lifestyle Changes
DVD 2005-38	Avian Influenza
DVD 2005-42	Elder Abuse: Detection, Management, and Prevention
DVD 2005-44	Recognizing and Managing Anxiety Disorders
DVD 2005-46	Management of HIV/AIDS

Tapes and DVDs can be viewed and/or checked out at the Public Services desk on the main level of the Eccles Library. Any questions you have about NCME videos or other multimedia materials can be directed to Nancy Litz; 801-581-8052, nelitz@lib.med.utah.edu.

Library Personnel Changes

The Spencer S. Eccles Health Sciences Library has hired five new full time employees in the Systems Department. We welcome **Alex Reid** who was hired as a Web designer for the NOVEL and Utahealthnet project. We also welcome **Stephen Mossbarger**, who has joined the staff as a Web developer. **David Jones** and **Luis Alves** have advanced from part-time to full-time computer technicians. **Isaac Jeppsen**, the most recent addition to the systems staff, has taken the position of computer technician. The Systems staff can be reached by calling 801-213-3522 at the Health Sciences Education Building (HSEB 3600) and 801-581-3691 at the Eccles Library.

The National Network of Libraries of Medicine office is currently recruiting for a Utah/Network Member Liaison librarian position. This position was vacated by **Molly Youngkin** in November 2005. A position description and further detail is available at *http://nnlm.gov/mcr/about/utahnetworkmember.html*

The Slice of Life host team in Lausanne, Switzerland has created and posted the website for the July 4-8, 2006 meeting. Visit *http://slice.utah.edu* for details. The Pedagogical Unit and logistic team at the University of Lausanne is preparing a wonderful meeting.

Sponsored in part by the Spencer S. Eccles Health Sciences Library, Slice of Life is an annual grass roots conference (this is the 18th year) at which medical and health science educators and developers gather to explore and share the uses of multimedia and information technology in medical education. The focus is on cutting edge developments, implementation of courseware, eLearning, Web enhanced curricula, wireless mobile computing, graphic design, animation and digital video. This meeting particularly welcomes faculty and staff who meet the challenging task of integrating or evaluating new technologies in health science curricula. Meeting participants work in learning resource centers, libraries and health sciences centers. The meeting includes two days of optional, but focused, pre-meeting workshops.

This year Slice of Life has established a formal relationship with HEAL (Health Education Asset Library). This partnership brings together the advanced development activities of Slice of Life with worldwide free access to high quality health sciences educational resources provided through HEAL (*http://www.healcentral.org*).

The deadline for abstract submissions is February 1, 2006. Please share notice of this meeting with colleagues who may potentially benefit from or contribute to this meeting. Direct them to the Slice of Life website (*http://slice.utah.edu).*

Suzanne Stensaas, associated with the Eccles Library, is the Slice of Life program chair. Please contact her with questions or comments; suzanne.stensaas@hsc.utah.edu.

Journal News

Journal Consolidation and Shifting
The Public Services Department at the Spencer S. Eccles Health Sciences Library anticipates many changes in the coming year. Staff is currently consolidating shelf space for current unbound journals in order to create more seating/studying area in the southwest corner on the main level. The range of years available on the main level will be adjusted to include journal titles from 2000-2006; 1999 and older titles will be shelved on the lower level. Please ask public services staff if you need assistance in locating journal titles.

New and Expanded Electronic Journals
Eccles Library has recently added the following new journal titles:

- American Journal of Ophthalmology [exisiting title; adding electronic access]
- Cell Metabolism [new title]
- Journal of Genetic Counseling [new title; electronic only]

In addition to new titles, the J. Willard Marriott Library Serials Collection Working Group has decided to experiment in 2006 with Elsevier titles by selectively upgrading access to journals whose campus use patterns and relative cost makes them good value for money. The library will gain online access from 1995 forward for the following titles:

- Journal of the American Dietetic Association
- Biochemical and Biophysical Research Communications
- Biomaterials
- Psychology of Sport and Exercise
- FEBS Letters (Federation of Biochemical Societies)
- Child Abuse and Neglect
- Journal of Biomechanics
- Journal of Environmental Psychology
- Tetrahedron Letters

Eccles Library Partners with DFPM

The Spencer S. Eccles Health Sciences Library has partnered with the University of Utah Health Sciences Center Department of Family and Preventive Medicine in a pilot project to provide research services to DFPM faculty. The project funds a librarian who will provide direct research support and training to faculty and residents of DFPM and the Utah Health Research Network for ten-hours a week.

The librarian will assist with evidence-based literature searches to support research, work with DFPM faculty to improve their searching skills, train faculty to search a variety of databases and other available resources, and assist with publishing and grants. The librarian will also be attending many of the Board and afternoon teaching sessions, as well as some of the classes to provide support.

Department of Family and Preventive Medicine faculty can contact Alice Weber, Assistant Librarian (801-587-9247, aweber@lib.med.utah.edu), if they would like assistance formulating a research question, performing a literature search, and/or submitting a publication or grant.

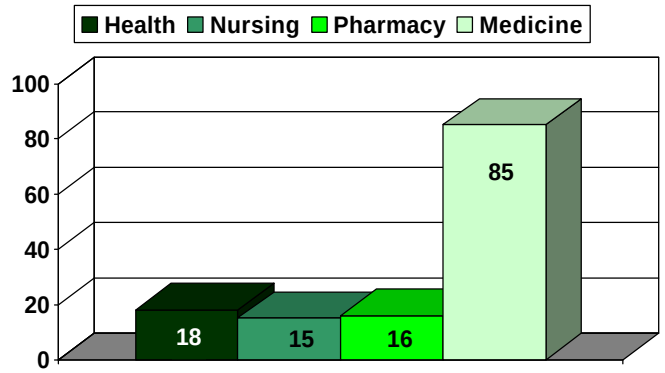
Faculty Needs Assessment Survey Results

Jeanne Le Ber, Education Services
Spencer S. Eccles Health Sciences Library

The Spencer S. Eccles Health Sciences Library conducted a survey of faculty needs associated with the use of the Spencer F. and Cleone P. Health Sciences Education Building (HSEB) in August 2005 (August 1-12). The library goal was to find out how best to address faculty needs and concerns related to use of the innovative classroom technologies in the new facility.

Overall response to the web-based survey was quite good with a total of 134 responses. The survey consisted of six questions with an open-ended "additional comments" text box.

Survey Respondents Affilitation



Question one asked if the respondent had taken the classroom control system training. At the time of the survey 112 people said NO. Those who responded YES indicated that the training was helpful, but that it "seems like a long time ago" and "now I need to practice." One respondent suggested that a "short text explanation taped to the podium" would have sufficed. **ACTION:** The library offered over 65 regularly scheduled training classes, as well as meeting with faculty on request. The library developed a series of cheat sheets for the various classrooms (150-person, 75-person, 40-person, Seminar rooms) and posted those in the classrooms. Training is ongoing.

Question two asked "Do you plan to teach using your own laptop computer?" A surprising number of respondents, 105, indicated that they would be using their own laptops. The classroom control system accommodates the use of a personal computer easily. **ACTION:** Cables are available in all classrooms larger than 25-persons for laptop hook up; cables can be requested from system support for use in the smaller seminar rooms.

Question three asked if faculty would "be interested in learning to use a Tablet PC for teaching?" Ninety-six respondents expressed interest in the use of the tablet for teaching. A number of respondents indicated they owned a tablet and others said they would bring their instruction materials to the classroom on a memory stick or CD. **ACTION:** The library has 66 Toshiba TPCs for faculty use and provides TPC instruction on request or at regularly scheduled classes.

Question four asked "Do you need assistance in building a course with WebCT?" Forty-five respondents expressed interest in using WebCT (Web Course Tools). A small number of respondents indicated that time constraints prevent them for learning how to build a class in WebCT. Another respondent stated that he prefers to run his own websites. **ACTION:** In addition to the lower campus Technology Assisted Curriculum Center, the Eccles Library does provide instruction and consultations on the use of WebCT. Eccles Library faculty have developed an online WebCT course in how to build an online WebCT class.

Question five asked faculty if they needed help in converting slides and/or video to a digital format for teaching. Thirty-nine respondents said they could use this service. **ACTION:** The library has scanned over 3788 slides for 22 faculty since the service started. Service is ongoing.

Question six asked faculty if they "had any concerns about teaching classes in the HSEB?" The majority of respondents (99) indicated they did not have concerns, while a smaller number (29) did have concerns. Understandably, concerns related to the "new technology and lack of experience with it." **ACTION:** The classroom control system training addresses the need to bring faculty up to speed with the system. System support is available at point of need. Faculty can press the HELP button and a "live" person will walk into their classroom.

Finally, the survey asked respondents for any additional comments. In general, faculty expressed excitement about teaching in the new building. A number of faculty were concerned about the availability of Macintosh computers (Macs are available in all the larger classrooms), technical support response (almost immediate), and parking and shuttle service for students who come from lower campus or research park (always a challenge).

The Eccles Library appreciates and thanks the 134 respondents for taking our survey. We plan to do a follow-up survey Spring Semester 2006 to gauge how well we met faculty expectations and where we can provide additional assistance. Please direct comments to Jeanne Le Ber (801-585-6744, jeannele@lib.med.utah.edu).

Attention Scholars! Put Your Stuff in the University Institutional Repository

Valeri Craigle, Adjunct Assistant Librarian
Spencer S. Eccles Health Sciences Library

Libraries and their institutions can no longer keep pace with the skyrocketing costs of scholarly resources. As a result, libraries are being forced to cut valuable resources from their collections resulting in loss of access to information their patrons need. This presents a significant challenge to researchers at institutes of higher learning, whose primary mission is to advance knowledge. Without timely and efficient access to the scholarly record, such advancements cannot take place.

As a major research institution, the University of Utah makes significant contributions to the scholarly record. Groundbreaking discoveries are made daily, which leads the nation in many areas of medicine, science, arts, and the humanities. Yet the products of our scholarship are often invisible to researchers outside the institution, funding agencies such as the state legislature, and the general public who give millions of dollars each year to the University through taxes and private donations.

To make scholarship more visible, improve access to it, and preserve it for future generations, the libraries at the University of Utah are building an institutional repository (IR), which will serve as a resource for current scholarship produced at the U. The IR will also function as an archive for past works and works of historical value created by University authors. These materials will be made freely available and will be kept safe from loss or damage in an electronic archive, where the data will be refreshed and migrated over time as formats, file types, and storage devices evolve.

We invite all University of Utah scholars, researchers, and students, to submit their scholarly works to the IR. Please visit the University of Utah Institutional Repository website at: *http://library.med.utah.edu/IR/*. We currently have publications in architecture, neurosciences, physics, political science, and are in the process of collecting theses and dissertations. There is no limitation to the file type or format that will be accepted into the IR. If your material is not in digital form, your library will provide digitization services as needed.

Authors currently represented in the U's IR: Kenning Arlitsch, Cathleen A. Baker, Sharon E. Dennis, Shelly M. Doi, Carleton DeTar, Wayne M. Gluf, Oren N. Gottfried, Claire Hamasu, John Herbert, Margaret Landesman, Jeanne M. LeBer, James K. Liu, Nancy T. Lombardo, F. Maresca, Wayne J. Peay, Susan Salem, Alejandro Sánchez Alvarado, Brenda Case Scheer, Jackie A. Smith, Randall Silverman, Edward J. Weeks.

For more information, please contact your library representative:
Health Sciences: **Valeri Craigle**, Eccles Health Sciences Library
801-581-5263, vcraigle@lib.med.utah.edu
Main Campus: **Karen Estlund**, Marriott Library
801-585-0406, kestlund@tacc.utah.edu
College of Law: **Suzanne Darais**, Quinney Law Library
801-585-3074, daraiss@law.utah.edu

HEAL Adds New Collections

The Health Education Assets Library (HEAL) (*http://www.healcentral.org*) is a digital library based at the Spencer S. Eccles Health Sciences Library and David Geffen School of Medicine at UCLA providing free, high quality digital teaching resources for today's health sciences educators and learners. Two new collections have been added:

PediNeuroLogic Exam: Developed by Paul Larsen, M.D. and Suzanne Stensaas, Ph.D., this tutorial provides a neuro-developmental approach focusing on those aspects of the pediatric neurological examination that are unique to the child's nervous system. The component video segments illustrate the importance of neurodevelopmental milestones in neurologic assessment of newborns through two-and-a-half year olds. It is designed to build upon the classic NeuroLogic Exam program.

Doc.com is an interactive learning resource for healthcare communication. The Doc.com project is a joint production of the American Academy on Physician and Patient together with Drexel University College of Medicine and is partly funded by the Arthur Vining Davis Foundation. Each of these 15 multimedia learning objects consists of an annotated video delivered on a Web page, wherein a master physician conveys role modeling of communication skills as well as clinical knowledge.

IAIMS Newsletter *Deadline and Mailing List*

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)
Assistant Editor: Allyson Mower (amower@lib.med.utah.edu)

The deadline for the Summer 2006 issue of the *IAIMS Newsletter* is Monday, May 1, 2006.

The *IAIMS Newsletter* is available electronically at ***http://library.med.utah.edu/or/iaims/iaims.php***

To receive a copy of the electronic version in PDF format, go to *http://lib.med.utah.edu/mailman/listinfo/iaims*, enter your email address and name (optional), and click on the Subscribe button. You will receive an email stating the newsletter has been published with a link to the pdf copy.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5890
VOICE: 801-585-6744; FAX: 801-581-3632
EMAIL: jeannele@lib.med.utah.edu

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Spencer S. Eccles Health Sciences Library Spring Semester 2006 Hours

Hours are subject to change—Call 801-581-8773 for current hours

Spring Semester Hours January 2 to June 16	
Monday to Thursday	7:00 A.M-11:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-8:00 P.M.
Sunday	11:00 A.M.-11:00 P.M.
Regular Hours	
Monday, January 16 for Martin Luther King Jr. Day	7:00 A.M-11:00 P.M.
Monday, February 20 for President's Day	7:00 A.M-11:00 P.M.
Monday, May 26 for Memorial Day	7:00 A.M-11:00 P.M.
Summer Hours: June 17 to August 20	
Monday to Thursday	7:00 A.M-10:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-6:00 P.M.
Sunday	12:00 P.M-6:00 P.M.
Tuesday, July 4	Closed
Monday, July 24	Closed

The *IAIMS Newsletter* is published three times a year (August, January, May), with one InfoFair Supplement, by the Spencer S. Eccles Health Sciences Library at the University of Utah. The editor is Jeanne Le Ber.
Contact information: phone: 801-585-6744, fax: 801-581-3632,
email: jeannele@lib.med.utah.edu
and URL: http://library.med.utah.edu/

Spencer S. Eccles Health Sciences Library

Accountant	801-581-5267
Acquisitions	801-587-9247
Administration	801-581-8771
Clinical Library	801-581-4685
Education Services	801-585-6744
Gifts to Library	801-587-9247
HEAL	801-585-3928
Hours/Renewals	801-581-8773
Interlibrary Loans	801-581-5282
Outreach	801-587-3493
Public Services	801-581-8772
Reference	801-581-5534
Regional Medical Library	800-338-7657
	801-587-3412
Technical Support	801-581-3691
In State Toll Free	866-581-5534

Spencer F. and Cleone P. Eccles Health Sciences Education Building

Event Scheduling	801-581-8772
HS Bookstore	801-581-8049
The Point Hub	801-213-3500
Technical Support	801-213-3522
HSEB URL	http://hseb.utah.edu

MC/SCUG

Medical Center / Small Computer Users Group

Wednesday, October 4, 1995
NOON

WINDOWS 95

Stacy McPherron, Microsoft Corporation
Steve Adams, University of Utah Computer Center

Stacy McPherron from Microsoft Corporation will give a general introduction and demonstration of Windows 95. University of Utah Computer Center Networking Specialist, Steve Adams, will discuss issues related to use of Windows 95 in a networked environment (Novell, Internet).

Come with your questions, your lunch and your friends to the October MC/SCUG meeting, the first meeting of the 1995-96 academic year, Wednesday, October 4, 1995 at NOON in Classroom C, School of Medicine Building.

ABOUT THE MEDICAL CENTER SMALL COMPUTER USERS GROUP

MC/SCUG is an informal group of computer users who enjoy keeping informed about the latest developments in computer applications of all types. Monthly presentations focus on current topics of interest. There is no membership fee. You are welcome whenever you are able to come. MC/SCUG meetings are held on the first Wednesday of the month (except during the Summer Quarter) in Classroom C, School of Medicine Building. If you would like more information about MC/SCUG or if you would like to suggest a topic for a MC/SCUG meeting, please contact Joan M. Gregory, Coordinator, MC/SCUG, Spencer S. Eccles Health Sciences Library, (801) 581-5269, INTERNET: joang@ecclab.med.utah.edu. If you are interested in receiving email notification of future MC/SCUG meetings, send an email message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe MCSCUG**

IN THIS ISSUE

MC/SCUG Meeting 1
Computer-Based Learning Discussion Group 2
Medical Informatics Seminars 2
Eccles Library Classes 3-7
UUCC Internet Seminars 7-8
UUCC Short Courses 8-10
Marriott Library Short Courses 10-11
Announcing the UofU Center for Disabled Students Web Site 11
Library Services News: Eccles Library Servers, Hours, Document Delivery 12-13
Outreach Services: New Column, *Grateful Med* 13-14
Internet Basics: LISTSERVs 15-16
Internet Resources: Continuing Education in the Health Sciences 17-18
IAIMS Newsletter Deadline and Mailing List 14, 19

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UNIVERSITY OF UTAH HEALTH SCIENCES CENTER • PUBLISHED BY THE SPENCER S. ECCLES HEALTH SCIENCES LIBRARY• UNIV. OF UTAH • BLDG. 589 • SALT LAKE CITY, UTAH, 84112• PHONE: (801) 581-5269•FAX: (801)581-3632•EDITOR: JOAN M. GREGORY• INTERNET: JOANG@ECCLAB. MED.UTAH.EDU •LIBRARY SERVICES NEWS EDITOR: JEANNE M. Le BER• COPY EDITOR: JEFF SEAMAN

COMPUTER-BASED LEARNING DISCUSSION GROUP

Planning for 1995-96

Thursday,
October 12, 1995
NOON - 1:00 pm
History of Medicine
Room, Eccles Library

The next meeting of the Computer-Based Learning Discussion Group will be Thursday, October 12, 1995 from 12 NOON - 1:00 pm in the History of Medicine Room at the Spencer S. Eccles Health Sciences Library. The group will discuss plans for the computer-based learning discussion group for 1995-96.

If you are interested in computer-based learning (CBL), you are invited to join the Computer-Based Learning Discussion Group. The purpose of the group is to share information about developing and evaluating computer-based learning as well as curriculum integration issues. Depending upon the interests of the group, discussion may include, but not be limited to, some of the following topics: use of multimedia technologies, how to find suitable programs in various subject areas, how to get started in planning your own CBL program, authoring system and platform advantages/disadvantages, hints for effective information structuring and interface design, incorporating CBL programs into the curriculum, and methods of evaluating CBL.

For more information, contact Sharon E. Dennis at (801) 585-3928, or via electronic mail: sdennis@ecclab.med.utah.edu.

MEDICAL INFORMATICS SEMINARS

Fall 1995

Tuesdays, NOON- 1:00 pm

Classroom B (Gates Lecture Hall), School of Medicine Building, University of Utah

Presenters are from the University of Utah, School of Medicine, Department of Medical Informatics unless otherwise indicated.

October 3, 1995	Clinical Dictation Systems: Open Loop vs. Closed Loop Systems. Helmuth Orthner, Ph.D., Professor.
October 10, 1995	Creation of the ILIAD Knowledge Base. Dean Sorenson, Ph.D., Research Assistant Professor.
October 17, 1995	Decision Support for Mechanical Ventilation. Tom East, Ph.D., Associate Professor.
October 24, 1995	Informatics Research in the Radiology Department. Peter Haug, M.D., Associate Professor.
October 31, 1995	NO SEMINAR --SCAMC--
November 7, 1995	Microembolic Measurement through Interalveolar Diffusion Modeling. Justin Clark, Ph.D., Associate Professor.
November 14, 1995	Aminoglycosides - An Information Synthesis. John Williamson, M.D. and Charles Turner, Ph.D.
November 21, 1995	A System for Outcomes Research. Allan Pryor, Ph.D., Professor.
November 28, 1995	Breast Cancer Genes. Susan Neuhausen, Ph.D., Research Assistant Professor.
December 5, 1995	Progress in National Vocabularies. Stan Huff, M.D., Associate Professor.

For further information, contact: Natalie Grant, Department of Medical Informatics, (801) 581-4080, INTERNET: ngrant@msscc.med.utah.edu.

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

Sessions are FREE unless otherwise indicated.

Classes for which a fee is charged require payment in advance to reserve your place in the class.

Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

The workshops and classes described below are presented on a regular basis by the faculty of the Spencer S. Eccles Health Sciences Library. Schedules are printed in the October, January, April and June issues of the *IAIMS Newsletter* . The Fall Quarter 1995 schedule is printed below. The schedule is also available electronically via the Library's Web site: **http://www-medlib.med.utah.edu/education/workshop.html**. Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

Sessions are FREE unless a charge is indicated. Classes for which a fee is charged require payment in advance to reserve a place in the class. Registration is on a first-come/first-served basis. **Please fill in the registration form below and return it to the library with your payment.** A postcard will be sent to confirm your registration. Phone registration will be accepted for classes that do not have a fee. To register for one of the free classes or for more information, call (801) 581-5534.

LOCATION: Computer Classrooms, Lower Level, Eccles Library (unless otherwise indicated).

Workshops and Classes Registration Form
Spencer S. Eccles Health Sciences Library
Bldg 589 / University of Utah / Salt Lake City, UT 84112

Please fill in the following information completely and return to the above address. Registration for classes is accepted by mail or in-person, and is on a first come/first served basis. Payment must accompany registration. Your registration will be confirmed by mail. Make check payable to: Eccles Library.

Name: _____ Phone: (w) _____ Phone: (h) _____
Address: _____
City/St/Zip: _____
Class name: _____
Class date: _____ Class time: _____ Cost of class: _____
o Yes! Send me a UU parking day pass for $2.50 Cost of parking: _____
Total enclosed: _____

Tours and Orientations

Tours and orientations are conducted to familiarize faculty, staff and students with library resources and services. Brief tours introduce users to information sources and location of library materials, and present an overview of available services. Detailed instruction in the use of compact disc databases, subject-specific sources, and other reference sources can be arranged. Contact instructor to arrange for a tour or orientation. Instructor: Jeanne M. Le Ber; (801) 581-5534; INTERNET: jeannele@ecclab.med.utah.edu.

Introduction to CD–ROM Databases

Participants learn the basic mechanisms for searching CD-ROM databases that are available at the Eccles Library. Databases include: Aidsline, Bioethicsline,

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Descriptions and Schedules

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CINAHL (Nursing & Allied Health Literature), HealthPlan, MEDLINE, Sport Discus, TOXLINE and PsycLIT. Arrangements can be made for a date and time that better suits your schedule. Instructors: Jeanne M. Le Ber; (801) 581-5534; INTERNET: jeannele@ecclab.med.utah.edu, or Patricia Arter; (801) 581-4686; INTERNET: parter@ecclab.med.utah.edu

Tuesday, October 3, 1995	1:00 pm - 2:00 pm
Wednesday, October 11, 1995	2:00 pm - 3:00 pm
Thursday, October 19, 1995	NOON - 1:00 pm
Friday, October 27, 1995	11:30 am - 12:30 pm
Monday, October 30, 1995	3:00 pm - 4:00 pm
Tuesday, November 7, 1995	3:00 pm - 4:00 pm
Wednesday, November 15, 1995	1:00 pm - 2:00 pm
Tuesday, November 21, 1995	11:00 am - NOON
Thursday, November 30, 1995	1:30 pm - 2:30 pm
Tuesday, December 5, 1995	3:00 pm - 4:00 pm
Thursday, December 14, 1995	1:00 pm - 2:00 pm

Basics of Searching MEDLINE on SilverPlatter CD-ROM

Designed as a follow-up to the introductory CD-ROM class, this 3-hour hands-on session gives a more in-depth look at the MEDLINE database on SilverPlatter CD-ROM, including utilization of Medical Subject Headings, improving search efficiency, and the application of quality filters. Hands-on experience with both DOS and Windows versions provided. Free to students; $15 for all others. Instructor: Mary E. Youngkin; (801) 581-5534; INTERNET: maryy@ecclab.med.utah.edu.

Tuesday, October 10, 1995	1:00 pm - 4:00 pm
Wednesday, November 8, 1995	1:00 pm - 4:00 pm
Wednesday, December 6, 1995	2:00 pm - 5:00 pm

Basics of Searching MEDLINE on the NLM System

Participants learn the basics of searching MEDLINE online on the NLM system in this 8-hour, hands-on class, taught in two 4-hour segments. MeSH vocabulary and search strategy, as well as NLM online search protocols are included. $30 for U of U students, staff and faculty; $50 for all others. Contact the instructors to arrange for a class. Instructors: Mary E. Youngkin; (801) 581-5534; INTERNET: maryy@ecclab.med.utah.edu, or Nina E. Dougherty, (801) 581-8771; INTERNET: nina.dougherty@m.cc.utah.edu

Grateful Med

Grateful Med is the National Library of Medicine's searching software for accessing the MEDLARS databases in either an IBM compatible or Macintosh environment. Contact the instructor to arrange for a class. Instructor: Kathleen M. McCloskey; (801) 585-5743; INTERNET: kmc@ecclab.med.utah.edu.

Internet Overview

Location: Eccles Library, History of Medicine Room

This 3 hour demonstration-only class is designed to give you a basic overview of the Internet. The class will cover the history and development of the net, methods of accessing the Internet, an introduction to the basic tools, (including Email, Telnet, FTP, News, Gopher, and World Wide Web) and exploration of

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

Sessions are FREE unless otherwise indicated.

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Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

Internet resources. Recommended as a prerequisite for hands-on Internet classes. No registration required. Instructors: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu, or Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu.

Thursday, October 19, 1995 9:00 am - Noon

Communicating on the Internet

Internet communication tools allow you to communicate with people in the next room as easily as with people all over the world. This course examines the major Internet communication tools which include electronic mail, electronic discussion groups, and newsgroups. Participants get hands-on practice and can compare the features of the various tools. The *Eudora* email package and the *Netscape* newsreader are the software tools used. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu, or Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu.

Thursday, October 17, 1995	Mac	9:00 am - 11:30 am
Thursday, November 2, 1995	PC	9:00 am - 11:30 am
Tuesday, December 5, 1995	PC	9:00 am - 11:30 am

Travelling the Internet Using *Netscape*

Netscape is a multifaceted World Wide Web browser, or client, capable of accessing information via telnet, FTP, gopher, newsgroups, and the Web. As more information migrates to the World Wide Web format, the importance of knowing how to navigate using a Web browser gains importance. This class explains how to navigate the Internet using *Netscape* and offers participants hands-on practice. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu, or Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu.

Thursday, October 19, 1995	Mac	9:00 am - 11:00 am
Tuesday, November 7, 1995	PC	9:00 am - 11:00 am
Thursday, December 7, 1995	PC	9:00 am - 11:00 am

Retrieving and Configuring Internet Software

Most of the Internet software used in Eccles Library Internet classes is "Public Domain" or "Shareware," which means free or very low cost to Internet users. This free and low cost software is available through File Transfer Protocol over the Internet. Learn to transfer files from the Internet to your computer, decompress the files as needed, then configure that software for Internet access. The class offers participants hands-on practice in obtaining and configuring *Netscape*, the *Eudora* email package, and other programs as time permits. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu, or Sharon E. Dennis; (801) 585-3928; INTERNET:

ECCLES LIBRARY CLASSES

Descriptions and Schedules

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sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu.

Thursday, November 9, 1995	PC	9:00 am - 11:00 am
Friday, December 8, 1995	Mac	9:00 am - 11:00 am

Providing Information on the Internet (HTML)

Learn how to create documents to be served over the World Wide Web using the HyperText Markup Language (HTML). This course will cover the basics of HTML coding as well as good document design practices. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructor: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu.

Friday, November 3, 1995	PC	9:00 am - Noon
Friday, December 1, 1995	Mac	9:00 am - Noon

Creating Educational Presentations Using *PowerPoint*

Learn how to use *PowerPoint 4.0* to create slide presentations on the computer. This course will cover basics of *PowerPoint*, good design practices, and techniques for using multimedia in your *PowerPoint* presentations. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu.

Thursday, November 30, 1995	9:00 am - NOON
Thursday, December 14, 1995	9:00 am - NOON

Bibliographic Management

Learn to manage your reprint files and create properly formatted bibliographies for your publications using either *Papyrus* or *EndNote*. Instructor: Jeanne M. Le Ber; (801) 581-5534; INTERNET: jeannele@ecclab.med.utah.edu.

***EndNote* for the Macintosh**

Tuesday, October 31, 1995	3:00 pm - 5:00 pm
Wednesday, November 29, 1995	2:00 pm - 4:00 pm

***Papyrus* for the PC**

Friday, October 27, 1995	2:00 pm - 4:00 pm
Thursday, November 30, 1995	3:00 pm - 5:00 pm

Using the National Center for Health Statistics Data Tapes

The National Center for Health Statistics is a central source of health-related data in the U.S.A. Learn to access the NCHS data tapes at the University of Utah. Contact the instructor to arrange for a class. Instructor: Dr. Mike Lincoln; (801) 581-4080; INTERNET: mlincoln@msscc.med.utah.edu.

Medical Center/Small Computer Users Group

Location: Classroom C, School of Medicine Building

MC/SCUG is an informal group of computer users who enjoy keeping informed about the latest developments in computer applications of all types. Monthly presentations focus on current topics of interest. No registration required.

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

Sessions are FREE unless otherwise indicated.

Coordinator: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu.

Wednesday, October 4, 1995	NOON - 1:00 pm
Wednesday, November 1, 1995	NOON - 1:00 pm
Wednesday, December 6, 1995	NOON - 1:00 pm

Computer-Based Learning Discussion Group

Location: History of Medicine Room, Eccles Library

The purpose of the group is to share information about developing and evaluating computer-based learning as well as curriculum integration issues. Coordinator: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu.

Thursday, October 12, 1995	NOON - 1:00 pm
Thursday, November 9, 1995	NOON - 1:00 pm

InfoFair

InfoFair is an annual computer and information fair that provides an opportunity for health professionals to obtain up-to-date information on computer applications, resources and services and a glimpse into the future of computers and information technology in the health sciences. InfoFair is usually held at the beginning of Spring Quarter. Coordinator: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu.

UUCC INTERNET SEMINARS

Fall 1995

All classes are in Room 3465 MEB unless otherwise indicated.

The University of Utah Computer Center offers **FREE** Internet Seminars for students, faculty and staff of the University of Utah. No preregistration is required, but seating is limited. Information is not specific to any particular platform, unless indicated. Each seminar includes a lecture on the indicated topic, followed by hands-on experience and/or questions on any topic. All Internet Seminars begin in 3465 MEB unless otherwise indicated.

An electronic version of the schedule is available via the University of Utah gopher: **gopher://gopher.utah.edu/ General Campus Information/Computer Information/Computer Center/Seminars and Short Courses/Internet & E-Mail Schedule.** For further information, contact Jay Deuel, Computer Center, (801) 581-8343, Internet: jay@cc.utah.edu or the Computer Center Help Line at (801) 585-4357 (585-HELP).

Internet History, Jargon & Etiquette	October 2, 1995	2:15 - 4:10 pm
E-Mail: Basics	October 4, 1995	NOON - 2:00 pm
Modem Dialup & SLIP	October 9, 1995	2:15 - 4:10 pm
The "Internet Client Kit" (Windows)	October 11, 1995	NOON - 2:00 pm
Uploading & Downloading (transferring files with a modem)	October 16, 1995	2:15 - 4:10 pm
E-Mail: using Pegasus (DOS) [304 B Marriott Library]	October 18, 1995	NOON - 2:00 pm
Computerized Periodical Indexes	October 23, 1995	2:15 - 4:10 pm
E-Mail: using Pegasus (Windows) [304 B Marriott Library]	October 25, 1995	NOON - 2:00 pm

UUCC INTERNET SEMINARS

Fall 1995

All classes are in Room 3465 MEB unless otherwise indicated.

First Search (Library Catalogs & Indexes)	October 30, 1995	2:15 - 4:10 pm
E-Mail: using Eudora (Macintosh)	November 1, 1995	NOON - 2:00 pm
COMPENDEX, METADEX and INSPEC (Engineering Periodical Indexes)	November 6, 1995	2:15 - 4:10 pm
E-Mail: using PINE (All Platforms)	November 8, 1995	NOON - 2:00 pm
Archie & FTP	November 13, 1995	2:15 - 4:10 pm
Gopher (Jughead & Veronica)	November 15, 1995	NOON - 2:00 pm
Basic UNIX Commands	November 20, 1995	2:15 - 4:10 pm
World Wide Web (Lynx, Mosaic & Netscape)	November 22, 1995	NOON - 2:00 pm
Creating a WWW Home Page (HTML Introduction)	November 27, 1995	2:15 - 4:10 pm
News	November 29, 1995	2:15 - 4:10 pm

UUCC SHORT COURSES

Registration Information

The University of Utah Computer Center (UUCC) offers a variety of short courses. Register **IN PERSON** at the facility where the course is scheduled to be taught. Courses are free to registered students. A fee of $15 per course is charged for staff, faculty and their spouses. The fee for non-University of Utah Participants is $50 per session. Courses are offered at the Computer Center (801) 581-6802, Marriott Library (801) 581-6494, and the Spencer S. Eccles Health Sciences Library (801) 581-8052. Courses may be cancelled unless there are at least 5 people registered 2 hours before class time or if there are fewer than 5 in attendance at class time. [Classes at Eccles Library are highlighted in **bold** type.]

UUCC MAC SHORT COURSES

Fall 1995

Macintosh Classes

304A Marriott Library
3465 Merrill Engineering Building
Mac Lab, Lower Level, Eccles Library

Introduction To The Mac	10/3/95	2:15pm-4:10 pm	304A Marriott
Introduction To The Mac	10/5/95	9:55am-11:50am	3465 MEB
Introduction To The Mac	**10/16/95**	**9:00am-11:00am**	**Eccles Library**
Introduction To The Mac	10/23/95	9:55am-11:50am	3465 MEB
Introduction To The Mac	10/25/95	2:15pm-4:10pm	304A Marriott
Introduction To The Mac	10/30/95	2:15pm-4:10pm	304A Marriott
MS Word5.1 (part 1)	10/10/95	2:15pm-4:10pm	304A Marriott
MS Word5.1 (part 1)	10/23/95	9:55am-11:50am	304A Marriott
MS Word 5.1 (part 1)	**10/31/95**	**9:00am-11:00am**	**Eccles Library**
MS Word5.1 (part 2)	10/12/95	2:15pm-4:10pm	304A Marriott
MS Word5.1 (part 2)	10/30/95	9:55am-11:50am	304A Marriott
MS Word 5.1 (part 2)	**11/2/95**	**9:00am-11:00am**	**Eccles Library**
Moving To MS Word 6.0	10/17/95	2:15pm-4:10pm	3465 MEB
MS Word 6.0 (part 1)	10/19/95	2:15pm-4:10pm	3465 MEB
MS Word 6.0 (part 1)	11/13/95	9:55am-11:50am	3465 MEB

UUCC MAC SHORT COURSES

Fall 1995

Registration Information on page 8.

MS Word 6.0 (part 2)	10/24/95	2:15pm-4:10pm	3465 MEB
MS Word 6.0 (part 2)	11/14/95	9:55am-11:50am	3465 MEB
MS Word 6.0 (part 3)	10/31/95	2:15pm-4:10pm	3465 MEB
MS Word 6.0 (part 3)	11/16/95	9:55am-11:50am	3465 MEB
Claris Works (Word Proc.)	10/10/95	9:55am-11:50am	3465 MEB
Claris Works (Graphics)	10/12/95	9:55am-11:50am	3465 MEB
Claris Works (Spreadsheet & Database)	10/17/95	9:55am-11:50am	3465 MEB
Database with FileMaker Pro	10/19/95	9:55am-11:50am	3465 MEB
HyperCard Introduction	10/24/95	9:55am-11:50am	3465 MEB
HyperCard Basic Scripting	10/25/95	9:55am-11:50am	3465 MEB
HyperCard Scripting Topics	10/26/95	9:55am-11:50am	3465 MEB
PowerPoint	11/2/95	2:15pm-4:10pm	3465 MEB
PowerPoint	11/6/95	9:55am-11:50am	3465 MEB
Spreadsheets (part 1)	**10/24/95**	**9:00am-11:00am**	**Eccles Library**
Spreadsheets (part 1)	11/7/95	9:55am-11:50am	3465 MEB
Spreadsheets (part 2)	**10/26/95**	**9:00am-11:00am**	**Eccles Library**
Spreadsheets (part 2)	11/9/95	9:55am-11:50am	3465 MEB
Photoshop (part 1)	11/7/95	2:15pm-4:10pm	3465 MEB
Photoshop (part 2)	11/9/95	2:15pm-4:10pm	3465 MEB
Scanning Text & Images	11/14/95	2:15pm-4:10pm	3465 MEB

UUCC PC (DOS) SHORT COURSES

Fall 1995

Registration Information on page 8.

PC (DOS) Classes

304B Marriott Library

Introduction To The PC	10/3/95	7:00pm-9:00pm	304B Marriott
Introduction To The PC	10/5/95	9:55am-11:50am	304B Marriott
Introduction To The PC	10/9/95	2:15pm-4:10pm	304B Marriott
Introduction To The PC	11/13/95	2:15pm-4:10pm	304B Marriott
DOS Introduction	10/10/95	7:00pm-9:00pm	304B Marriott
DOS Introduction	10/12/95	9:55am-11:50am	304B Marriott
DOS Commands	10/17/95	7:00pm-9:00pm	304B Marriott
DOS Commands	10/19/95	9:55am-11:50am	304B Marriott
WordPerfect Introduction	10/11/95	2:15pm-4:10pm	304B Marriott
WordPerfect Introduction	11/14/95	2:15pm-4:10pm	304B Marriott
WordPerfect Editing	10/16/95	2:15pm-4:10pm	304B Marriott
WordPerfect Editing	11/15/95	2:15pm-4:10pm	304B Marriott
WordPerfect Format	10/18/95	2:15pm-4:10pm	304B Marriott
WordPerfect Format	11/16/95	2:15pm-4:10pm	304B Marriott

UUCC PC (WINDOWS) SHORT COURSES

Fall 1996

Registration Information on page 8.

PC (WINDOWS) Classes

304B Marriott Library
PC Lab, Lower Level, Eccles Library

Introduction To The PC	10/5/95	2:15pm-4:10pm	304B Marriott
Introduction To The PC	10/11/95	7:00pm-9:00pm	304B Marriott
Introduction To The PC	10/17/95	9:55am-11:50am	304B Marriott
Introduction To The PC	**10/30/95**	**9:00am-11:00am**	**Eccles Library**
Windows Introduction	10/10/95	2:15pm-4:10pm	304B Marriott
Windows Introduction	10/12/95	2:15pm-4:10pm	304B Marriott
Windows Introduction	10/18/95	7:00pm-9:00pm	304B Marriott
Windows Introduction	10/24/95	9:55am-11:50am	304B Marriott
Windows Introduction	**11/6/95**	**9:00am-11:00am**	**Eccles Library**
WordPerfect Introduction	10/17/95	2:15pm-4:10pm	304B Marriott
WordPerfect Introduction	10/25/95	7:00pm-9:00pm	304B Marriott
WordPerfect Editing	10/19/95	2:15pm-4:10pm	304B Marriott
WordPerfect Editing	11/1/95	7:00pm-9:00pm	304B Marriott
WordPerfect Format	10/24/95	2:15pm-4:10pm	304B Marriott
WordPerfect Format	11/8/95	7:00pm-9:00pm	304B Marriott
WordPerfect Graphics	10/26/95	2:15pm-4:10pm	304B Marriott
WordPerfect Tools	11/2/95	2:15pm-4:10pm	304B Marriott
Spreadsheets (part 1)	10/31/95	9:55am-11:50am	304B Marriott
Spreadsheets (part 2)	11/2/95	9:55am-11:50am	304B Marriott
Graphics Introduction	10/31/95	2:15pm-4:10pm	304B Marriott
Presentation Graphics	11/7/95	2:15pm-4:10pm	304B Marriott

MARRIOTT LIBRARY SHORT COURSES

Fall 1995

Marriott Library offers short courses on the use of electronic databases (including Lexis/Nexis, FirstSearch, UMI Periodical Abstracts and InfoTrac), Internet tools (such as Listservs, Newsgroups, Telnet, Archie and FTP, Gopher, and the World Wide Web) and electronic sources in various subject areas. All short courses are one hour in length and are held in Room 462 of the Marriott Library unless otherwise noted. The Fall 1995 schedule is printed below but is also available via Marriott Library's web site **http://www.lib.utah.edu/instruction/fall95.html** For further information, contact Kenning Arlitsch, Technology Instruction Librarian, (801) 585-3721, INTERNET: karlitsc@alexandria.lib.utah.edu

ELECTRONIC DATABASES

UNIS (Marriott Library's online catalog)
October 5, 1995 (Thursday) 1pm
October 12, 1995 (Thursday) 4pm
November 6, 1995 (Monday) 12pm

InfoTrac (CD-ROM periodical indexes)
October 9, 1995 (Monday) 2pm
October 16, 1995 (Monday) 2pm

MARRIOTT LIBRARY SHORT COURSES

Fall 1995

UMI Periodical Abstracts (Periodical index with full-text delivery of many articles)
October 3, 1995 (Tuesday) 1pm
November 9, 1995 (Thursday) 1pm

Deseret News Online (search the full-text of the Deseret News back to 1988)
October 11, 1995 (Wednesday) 11am
October 23, 1995 (Monday) 3pm

ERIC (CD-ROM index for education topics)
October 11, 1995 (Wednesday) 2pm

PsycLit (CD-ROM index for psychology topics)
October 30, 1995 (Monday) 11am

Social Work Abstracts (CD-ROM index for social work topics)
November 15, 1995 (Wednesday) 3pm - Rm. 464

Lexis/Nexis (huge online database with full-text retrieval)
October 19, 1995 (Thursday) 4pm
October 25, 1995 (Wednesday) 1pm

FirstSearch (world's largest library catalog plus other indexes)
October 12, 1995 (Thursday) 10am

INTERNET TOPICS

Introduction to the Internet (Overview of different parts of the Internet)
October 9, 1995 (Monday) 11am - Rm. 464
November 2, 1995 (Thursday) 4pm
November 7, 1995 (Tuesday) 12pm - Rm. 464

World-Wide-Web (What the Web is, how to get around it using Netscape)
October 16, 1995 (Monday) 11am - Rm. 464
October 23, 1995 (Monday) 12pm
November 14, 1995 (Tuesday) 1pm - Rm. 464

FTP & Archie (Locating and retrieving files on the Internet)
October 26, 1995 (Thursday) 11am
November 16, 1995 (Thursday) 4pm

Listservs & Newsgroups (How to participate (or just lurk) in discussion groups)
November 1, 1995 (Wednesday) 2pm

ANNOUNCING

University of Utah Center for Disabled Students Web Site

The Center for Disabled Student Services has set up a Web site **http://ssv1.union.utah.edu/**. This Web site is intended to provide services to students at the University of Utah as well as to provide important disability related information and software to all people accessing this web page. The server is a 486DX66 with 16 MB RAM and a 1.2 GB IDE hard drive, running Linux - kernel version 1.2.13.

Some of the services that are currently supplied through this site include: information about CDSS, information on disabilities (this will increase), an FTP site containing disability-related software, registration for seminars and workshops for disabled students and those who work with disabled persons (these are open to all individuals) and links to several other disability-related sites.

For further details or assistance, contact: Marc E. Christensen, CDSS SysOp, INTERNET: mec4170@ssv1.union.utah.edu.

LIBRARY SERVICES NEWS

Accessing Eccles Library Servers and Services

Information about services available from the Spencer S. Eccles Health Sciences Library can be found through the Library's World Wide Web (WWW) and Gopher servers. Access to the Library's collection is provided via telnet. The various Internet clients used in the Library's Internet classes are made available via our FTP server. Internet addresses for these access points are listed below:

ECCLES LIBRARY WWW SERVER

http://www-medlib.med.utah.edu/

ECCLES LIBRARY GOPHER SERVER

gopher://library.med.utah.edu

ECCLES LIBRARY ONLINE CATALOG VIA TELNET

telnet://library.med.utah.edu
login: guest
password: [press the ENTER key]

ECCLES LIBRARY FTP SERVER

ftp://medlib.med.utah.edu/library
login: anonymous
password: your email address

MCSCUG LISTSERV (for special announcements, schedules of Eccles Library classes and special events throughout the year)

to subscribe, send an email message to:
listserv@ecclab.med.utah.edu

The text of the message you send should include ONLY the following words: **subscribe MCSCUG**

In addition to these electronic services, assistance may be found in person, by phone. These are some of the useful Eccles Library phone numbers:

General Information:	(801) 581-8771	Reference Desk:	(801) 581-5534
Circulation Desk:	(801) 581-8772	FAX:	(801) 581-3632

Assistance with Eccles Library online catalog client software (*Horizon*) or Internet client software (e.g., *Eudora, Fetch, Netscape*), is available by calling the Reference Desk.

LIBRARY SERVICES NEWS

Eccles Library Hours

Fall Quarter 1995

The Spencer S. Eccles Health Sciences Library resumed regular hours on Monday, September 25, 1995. To listen to a recording of current library hours call (801) 581-8773. Holiday, extended, reduced, or special hours are added to the recording when appropriate. Eccles Library hours are also posted at the front entrance to the Library, in the *IAIMS Newsletter* at the beginning of each quarter, and electronically via the Library's web (**http://www-medlib.med.utah.edu/**) and gopher (**gopher://library.med.utah.edu/**) servers.

Fall Quarter Hours - September 25 - December 5, 1995

Monday to Thursday	7:00 am - 11:00 pm
Friday	7:00 am - 8:00 pm
Saturday	9:00 am - 8:00 pm
Sunday	11:00 am - 11:00 pm

Veterans Day, Saturday, November 11, 1995	9:00 am - 8:00 pm
Thanksgiving, Thursday, November 23, 1995	Closed
Friday, November 24, 1995	8:00 am - 5:00 pm

LIBRARY SERVICES NEWS

Document Delivery Services & Interlibrary Loans

The Spencer S. Eccles Health Sciences Library provides Document Delivery Service (DDS) to library patrons through the Interlibrary Loans (ILL) department. ILL is located in Room 107, adjacent to the Administration office, on the main floor of the library. DDS will pull and copy materials for library users. Delivery of materials to University of Utah campus addresses is provided at no additional charge. Print request forms for DDS are available in the Duplication room, at the Circulation desk or from staff in the Interlibrary Loan office.

A electronic document delivery request form is available from the Eccles Library home page (**http://www-medlib.med.utah.edu**). Under the heading **Library Services and Publications**, select **ILL Document Delivery.** Fill out either the book request or the journal article request form.

The fee schedule for the document delivery service is listed below:

Library pulls and copies material	.30 per page
Patron pulls material, library copies	.20 per page
Library pulls materials	.50 per item
2-hour rush order	.30 per page plus $5
Delivery to campus address	no charge

OUTREACH SERVICES

Inaugurates New Column in *IAIMS Newsletter*

The Outreach Department of the Spencer S. Eccles Health Sciences Library offers a program of education and training to health care professionals within the state who do not have access to or are not affiliated with an institution that provides a health sciences library. The primary clientele of the department are rural health care providers and University of Utah students seeking degrees in health sciences departments. (See related article on page 14: "Jerry's Gone")

The purpose of this column in future issues will be to keep you informed about ways to improve your *Grateful Med* searching and to give you updates on accessing information from your home computer or from sites off-campus. Fortunately, more and more articles are appearing in the literature discussing the nuances of searching. In the future, this column will include reports on some of these articles.

OUTREACH SERVICES

Inaugurates New Column in *IAIMS Newsletter*

Not everyone has access to the Internet, for one reason or another. Hopefully, by keeping you informed about resources not necessarily available *only* on the Internet, this column will serve a useful purpose. If you have questions about searching via *Grateful Med*, or questions about information access in general, please don't hesitate to send those questions in and they will be answered here each month. All questions regarding information access apply, so please send them to: Kathleen M. McCloskey, Outreach Services, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. PHONE: (801) 585-5743. FAX: (801) 581-3632. INTERNET: kmc@ecclab.med.utah.edu.

OUTREACH SERVICES

Jerry's Gone But *Grateful Med* Lives On

by
Kathleen M. McCloskey,
Associate Librarian,
Outreach Services,
Spencer S. Eccles Health Sciences Library

One of the least expensive and most easily used information access tool is the National Library of Medicine's (NLM) front-end user-friendly software, *Grateful Med/Loansome Doc*. With a catchy title that plays on the name of the rock group Grateful Dead and the loan of documents to the isolated practitioner, *Grateful Med* is becoming a standard in rural health care facilities. The software is used to search the National Library of Medicine's databases and request full text of articles from a library.

The importance of access to current information to provide quality health care is widely documented. With so much of Utah designated as either rural or frontier, access to information is crucial to recruitment and retention of providers in rural Utah. The Rural Medical Library Outreach Program (RMLOP), the primary program of the Outreach Department at Eccles Library, focuses on service to rural Utah. Funded by the National Library of Medicine (NLM), the National Network of Libraries of Medicine (NN/LM) and the Bureau of Primary and Health Care Services State Office of Rural Health of the Utah Department of Health, the RMLOP makes available the *Grateful Med/Loansome Doc* software and a modem at half price to rural health care practitioners. Onsite training and technical assistance are built into the service. For more information about the RMLOP, contact: Kathleen M. McCloskey, Outreach Services, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. PHONE: (801) 585-5743. FAX: (801) 581-3632. INTERNET: kmc@ecclab.med.utah.edu.

IAIMS Newsletter

DEADLINE

The purpose of the *IAIMS Newsletter* is to keep the campus community informed on all aspects of computer and information technology as well as on the services provided by the Spencer S. Eccles Health Sciences Library. Articles on computer and information technology events, applications, services, education, etc. are welcome. To contribute articles to the *IAIMS Newsletter*, contact Joan M. Gregory, Editor, *IAIMS Newsletter*, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. VOICE: (801) 581-5269. FAX: (801) 581-3632. INTERNET: joang@ecclab. med.utah.edu.

The deadline for the November 1995 issue of the *IAIMS Newsletter* is: October 15, 1995.

INTERNET BASICS

Electronic Discussion Groups and Mailing Lists (LISTSERVs)

by
Nancy T. Lombardo,
Affiliate Librarian,
Spencer S. Eccles
Health Sciences
Library

and

Joan M. Gregory,
Associate Librarian,
Spencer S. Eccles
Health Sciences
Library

Electronic discussion groups and mailing lists, commonly called LISTSERVs, allow you to communicate with others in a particular field of interest by receiving mail messages on that particular topic directly in your personal email account.

There are two facets to communication with an electronic discussion group. One is the administrative communication in which you as a member communicate with a list processor, or computer program, to subscribe, unsubscribe and for other administrative commands. The other facet is the human communication with the members of the list. Messages intended for the people on the list are sent to the list itself. Therefore, each list has two addresses, one for the processor and one for the list of members.
Individuals subscribe to mailing lists. Mail addressed to the list is sent to all members on the list. Individuals send email messages with questions, opinions, and information. Other members are then able to react and respond. As a member, you can choose to be an active contributor or a silent participant who reads but does not respond (a "lurker"). Many start out as "lurkers", then become active contributors when they are comfortable with the format and the issues under discussion. To send a message to all the members of the list, simply address your email to "listname@list.address."

There are many ways individuals can benefit from the wide array of electronic mailing lists. These discussion groups can provide individuals around the world with a forum for discussion of current issues regarding a shared interest. Electronic discussion groups are an easy and effective way to communicate with peers, experts in various fields and others who share your interests. This can be an effective and inexpensive means for professional development. Discussion groups can also be used for socializing and entertainment.

How to Participate in Electronic Mailing Lists
In order to sign up for an electronic mailing list, you must "subscribe." To do this, you send a message to the list processor computer with a specific command. The command will vary depending on the type of list processor used. Therefore, it is very important to read the instructions when signing up for a list.

The most common list processor used is called LISTSERV. In this case, to subscribe, you send an email message to LISTSERV@NODE, where node is the address of the host computer. (Note: do not send your message to the list itself!) The message should say SUBSCRIBE LISTNAME First-Name Last-Name. Note that this is an example only and the procedure may vary depending upon the list processor.

Examples of Health Care Electronic Discussion Groups
These are a few examples of health care electronic lists. Note that some have Internet addresses, some have BITNET addresses and some have both. When you have the option, always use the Internet address to subscribe.

CANCER-L	Cancer discussion group
DIABETES	Forum for diabetic patient concerns
PARKINSON	Discussion of Parkinson's disease

Locating a Discussion Group in Your Area of Interest
There are many other discussion groups available on a wide range of topics. One

INTERNET BASICS

Electronic Discussion Groups and Mailing Lists (LISTSERVs)

by
Nancy T. Lombardo, Affiliate Librarian, Spencer S. Eccles Health Sciences Library

and

Joan M. Gregory, Associate Librarian, Spencer S. Eccles Health Sciences Library

way to locate discussion groups in a particular subject area is to check the *Directory of Scholarly Electronic Conferences* (available on the World Wide Web at **http://www.mid.net/KOVACS/**). The *Directory* is searchable and provides access to descriptions and subscription instructions for electronic discussion groups, electronic journals and newsletters, and newsgroups of scholarly interest.

Getting Started with Electronic Discussion Groups

Pick a discussion group that interests you, follow the instructions carefully, and try subscribing. You should receive a confirmation message back from the list processor software within a day; if you don't, check the instructions and try again. Remember that the mail from the electronic discussion group will come directly to your personal email; traffic on the discussion groups can range from a few messages a week to several dozen a day. Be sure to save the instructions for unsubscribing so that you can do so if the traffic becomes too overwhelming.

Discussion Group Options

The confirmation message which you receive back from the listprocessor software when you subscribe will contain important information about the options available to you as a subscriber to the list. Most lists offer a “help” option. Some offer the option to “review” the list of subscribers, “search” the archives, obtain a list or “index” of files available, “get” specific files, and receive “nomail” from the list for a period of time (e.g., while you are on vacation). Check the instructions in your confirmation message to see which options your list offers.

On many lists, you have the option to receive the list as a "digest." This means that you receive one email message daily, with all of the messages sent that day compiled into one long email message. You may prefer this option to avoid overflowing your mail box with many messages. Once again, check the instructions in your confirmation message to see which options your list offers.

Discussion Group Netiquette

It is a good idea to read the messages on a discussion group for a while before posting, to get a feel for the "culture" of the group. When you do decide to post, keep your postings short and to the point. If you decide to unsubscribe or perform other administrative tasks, be sure to send your message to the list processor computer and not to the whole list.

How to Remove your Address from Electronic Mailing Lists

To remove your address from an electronic mailing list, you must "unsubscribe". To do this, you send a message to the list processor computer with a specific command. The command will vary depending on the type of list processor used. Therefore, it is very important to keep the confirmation message which you receive when signing up for a list. That is where you will find the information on removing your address from the list.

The most common list processor used is called LISTSERV. In this case, to unsubscribe, you send an email message to LISTSERV@NODE, where node is the address of the host computer. (Note: do not send your message to the list itself!) The message should say UNSUBSCRIBE LISTNAME. Note that this is an example only and the procedure may vary depending upon the list processor.

INTERNET RESOURCES

Continuing Health Sciences Education Resources

by
Joan M. Gregory,
Associate Librarian,
Spencer S. Eccles
Health Sciences
Library

Continuing education resources on the Internet range from electronic discussion groups and newsgroups for sharing information to searchable lists of continuing education opportunities and annual meetings to interactive case studies and computer-based learning tutorials. Efforts have begun to offer continuing education (CME, CNE, etc.) credit for completing these types of continuing education activities via the Internet. The following list is intended to provide examples of each type of resource for continuing medical, nursing and pharmacy education rather than attempting to identify the "best" or to be comprehensive.

ELECTRONIC DISCUSSION GROUPS

The discussions which take place in electronic discussion groups can be very valuable sources of continuing education. A number of health care-related electronic discussion groups have discussed the possibility of applying for continuing education credits for their activities. One example of such a discussion group is: anesthesiology@gasnet.yale.med.edu. Discussion groups and newsgroups are also good sources of announcements of annual meetings and continuing education courses. See the Internet Basics article on LISTSERVs on pages 15-16 of this issue of the *IAIMS Newsletter* for more information on finding a discussion group in your discipline.

LISTS OF MEETINGS AND CONTINUING EDUCATION COURSES

Lists of medical, nursing and pharmacy meetings and continuing education opportunities are available via the gopher and/or web servers of universities and associations or societies as well as via commercial sites offering continuing education listing and registration services. Several examples follow:

Site-Specific Lists of Meetings (Universities, Hospitals, Societies)

NIGHTINGALE

The University of Tennessee - Knoxville, College of Nursing provides access to listings of annual nursing meetings and continuing nursing education courses.
http://nightingale.con.utk.edu/

Radiological Society of North America Home Page

The Radiological Society of North America Home Page includes information about upcoming RSNA conferences, searchable index of ongoing and upcoming CME courses and a searchable catalog of independent learning resources.
http://www.rsna.org:80/

Stanford University Postgraduate Medical Education

The Stanford University Office of Postgraduate Medical Education (OPGME) lists their postgraduate courses on advanced clinical topics as well as review and update courses on sub-specialized subjects.
http://www-med.Stanford.EDU:80/MedCenter/MedSchool/CME/

University of Arizona - College of Pharmacy

Continuing education courses in pharmacy offered by the University of Arizona College of Pharmacy are listed at this site.
http://www.pharm.arizona.edu/

INTERNET RESOURCES

Continuing Health Sciences Education Resources

by
Joan M. Gregory,
Associate Librarian,
Spencer S. Eccles
Health Sciences
Library

General Lists of Meetings

Metronome Online Press, Inc.
The Metronome Online Press, Inc. gopher is building an online database of continuing education courses available in the United States for health care practitioners. Browse continuing education courses by date, by location, and by topic. Independent study and computer-based learning programs are also listed. Separate sections list medical, nursing and dental courses. This gopher is sponsored by the exhibitors listed in the Exhibit Hall section of the gopher.
gopher://metronome.com/

PharmWeb
PharmWeb is an information database and directory of pharmacy information resources being developed at the Department of Pharmacy, University of Manchester, England. PharmWeb maintains an international list of conferences organized by non-profit organizations which is updated and published every two months and is printed in the *International Pharmaceutical Journal.*
http://www.mcc.ac.uk/pwmirror/pwj/pharmwebj.html

CASE STUDIES AND TEACHING MODULES VIA THE INTERNET
The World Wide Web provides an excellent avenue for delivering exiting, informative and interactive multimedia computer-based learning programs. From programs developed for nursing, medical, pharmacy and allied health students to those specifically tailored to the needs of practitioners, these valuable tools are becoming more readily available on the web.

The Interactive Patient
"The Interactive Patient" at Marshall University School of Medicine, Huntington, WV. This teaching tool for physicians, residents and medical students offers a case with a chief complaint to the user who then interacts with the patient requesting additional history, performing a physical exam, and reviewing laboratory data and x-rays. After the workup, the user is encouraged to submit a diagnosis and a treatment plan to the system based on the information obtained. CME credit is available.
http://medicus.marshall.edu/medicus.htm

NIGHTINGALE
The University of Tennessee - Knoxville, College of Nursing web site provides online access to independent learning case studies.
http://nightingale.con.utk.edu/

US DHHS Case Studies in Environmental Medicine
Access to Department of Health and Human Services case studies in Environmental Medicine is provided with CME credit available. Toxic substances covered range from arsenic to lead to vinyl chloride.
http://bio-3.bsd.uchicago.edu/htbin/wais-HHS

UW Radiology Webserver
University of Washington Radiology case studies with CME credit including "Case of the Virtual Week", "Radiology Teaching File", and "Radiologic Quickie Cases" are available at this site.
http://www.rad.washington.edu/

INTERNET RESOURCES

Continuing Health Sciences Education Resources

by
Joan M. Gregory,
Associate Librarian,
Spencer S. Eccles
Health Sciences
Library

Virtual Hospital Home Page
Multimedia teaching modules and patient simulation case studies are made available via this site.
http://vh.radiology.uiowa.edu/

FOR MORE INFORMATION
Providing continuing education opportunities in the health sciences via the Internet is in its infancy. This article lists only a few of the continuing health sciences education resources now available on the Internet. It is certain that the number and quality of these sites will continue to grow.

This article was prepared based on the Educational Resources, Nursing and Pharmacy sections of **MedWeb** *http://www.emory.edu/WHSCL/medweb.ed.html* and supplemented by searches conducted via **YAHOO** *http://www.yahoo.com/* and **WebCrawler** *http://webcrawler.com/* . **MedWeb**, **YAHOO** and **WebCrawler** are excellent resources for continually updating your information about Internet resources in the health sciences.

IAIMS NEWSLETTER

Mailing List

To be added to the electronic distribution list for the *IAIMS Newsletter*, send an email message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe IAIMS**

To be added to the printed newsletter mailing list, send the following information to: Joan M. Gregory, Editor, *IAIMS Newsletter*, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. VOICE: (801)581-5269. FAX: (801)581-3632. INTERNET: joang@ecclab.med.utah.edu.

***IAIMS NEWSLETTER* MAILING LIST**

Please add my address to the printed *IAIMS Newsletter* Mailing List.

Name: _____

University of Utah Department: _____

University of Utah Campus Address: _____

Company/Institution: _____

Address: _____

_____

City: _____

State/Zip Code: _____

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University of Utah
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IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Spring 2002 Volume 17 Number 2

Library and Information Technology Forum Spring Schedule

The Spencer S. Eccles Health Sciences Library sponsors a series of brown bag seminars related to libraries and information technologies. The Library and Information Technology Forum is generally held the second Wednesday of the month in Classroom C in the School of Medicine from 12:05 until 1:00 P.M. Sessions provide an opportunity for faculty, staff and students to learn about new computer technologies and electronic information sources. See **http://medlib.med.utah.edu/library/edumaterials/lift/lift.html** for full program descriptions and a look at past Library and Information Technology Forums.

The January 16 LIFT Forum features Joseph Andrade who will speak about *Utah's New Interactive Science Center at Library Square.* The Utah Science Center will open in late 2003 in the existing Salt Lake City Public Library building. The objective of the Utah Science Center is to enhance each visitor's imagination, motivation, education and citizenship, and to foster creativity, critical and objective thinking and problem-solving skills. Dr. Andrade is a Distinguished Professor of Bioengineering, Materials Science and Pharmaceutics and serves as the Acting Director of the Utah Science Center.

Forum Schedule: Classroom C from 12:05 to 1:00 P.M.

- January—Joseph Andrade; *Utah's New Interactive Science Center at Library Square*
- February—No meeting due to Olympics
- March 13—Sharon Dennis; *HEAL*
- April 10—to be announced
- May 15—Liz Joy; *Taking a Musculoskeletal Teaching Tool From the Classroom to the Web*

RML Occasional Column: Public Health Project Attracts MeSH Expert

The Spencer S. Eccles Health Sciences Library has begun cataloging Utah Department of Health electronic publications as a project of the Midcontinental Regional Medical Library (RML) program. To provide background resources for this public health project, the National Library of Medicine (NLM) sent Jacque-Lynne Schulman, Senior Technical Information Specialist, to the Eccles Library on November 28, 29, and 30. Ms. Schulman reviewed the use of Medical Subject Headings (MeSH), the vocabulary used to index medical and public health publications in the NLM catalog Locator, and databases such as MEDLINE. Participants included Joan Gregory from the Eccles Library; Claire Hamasu and Kathleen McCloskey, RML staff; Linda Lange, Daryl Snyder, Lois Haggard and Steven Trockman from the Utah Department of Health; and Lee Anne Wessol, University of Utah public health graduate student.

Librarians working in public health have identified a need for enhancement of the MeSH vocabulary to better reflect public health concepts. This process is not taken lightly. New MeSH terms are added on a yearly basis and must undergo scrutiny to assure they reflect the indexing policy of NLM and that there is a need for the term. Outcomes of the project will be to outline a process for identifying documents from the state health department to include in the Eccles Library catalog and to develop a model for identifying concepts not reflected in the list of current Medical Subject Headings. NLM would like to add about 25-50 new Public Health related terms in the 2003 revisions. This project provides an exciting opportunity for the RML to participate in enhancing access to information for public health professionals.

In This Issue

LIFT Forum Spring Schedule 1
RML Occasional Column: Public Health Project 1
Introducing . . . Alice Weber 2
Announcing InfoFair 2002 2
NCME Video Update 2
Education Services Web Page 2
Remote Access to Library Resources 3
14th Annual Slice of Life Workshop 3
Personnel Changes 3
Library Workshops and Classes 4
The Curriculum Development Tool 5
HEAL—Health Education Assets Library 6
User Support for Molecular Biology and Genetics 7
Computer Programmer Extraordinaire 7
IAIMS Newsletter Deadline and Mailing List 7
Spring Library Hours and Phone Numbers 8

Introducing . . . Alice Weber

Collection Development Librarian
Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Alice Weber.

Alice Weber has joined Eccles Library as Collection Development Librarian. She is excited about the opportunity to facilitate the best information support possible for all the staff and patrons of Eccles Library.

Alice is attending the School of Library and Information Management through Emporia (Kansas) State University's distance education program and plans to complete her master's degree in August of 2002.

In 1972, Alice completed her Bachelor of Science in Nursing. She and her husband, Wayd, then launched a 25-year adventure with the Air Force. Frequent moving required by the Air Force provided Alice with a variety of different environments and various opportunities in nursing. She has worked in hospitals (in Neonatal Intensive Care, Labor and Delivery, Post-partum), clinics and HMO's (both Department of Defense, and Kaiser Permanente), doctors' offices (Pediatrics, OB-GYN, Orthopedics, Urology, Family Practice), and Hospice. Throughout these experiences, she learned the importance of accurate and timely health care information.

During this time, she and her husband also welcomed five children into their family. Education seems to be a family passion. All have gone to college. At the present time, three are still in college, one as a postgraduate, and two working on undergraduate degrees. When Wayd retired from the Air Force four years ago, they chose to remain in Utah as a permanent settling place. When Alice isn't working or in school, she loves to travel, read, hike (and be outdoors), socialize with family and friends, sew and crochet, and listen to NPR.

InfoFair 2002

InfoFair 2002 is scheduled for Wednesday, March 20, 2002. Valerie Florance, Extramural Programs Officer at the National Library of Medicine is the keynote speaker. A Meet the Experts panel and two exciting afternoon program are being planned. To keep track of program developments visit the InfoFair website at **http://medlib.med.utah.edu/library/edumaterials/infofair/infofair.html**

NCME Video Update

The Spencer S. Eccles Health Sciences Library subscribes to the Network for Continuing Medical Education (NCME) Videos. Title recently received by the library include the following:

VT3 2001-08	Advances in the Treatment of Parkinson's Disease
VT3 2001-09	Controversies in Gastrointestinal Disease
VT3 2001-13	Drug Interaction in Primary Care
VT3 2001-14	Onychomycosis in Diabetes: An Often Overlooked Problem
VT3 2001-16	Robotic Surgery
VT3 2001-17	The Aging Eye and Timely Intervention: Part One and Part Two
VT3 2001-18	Anthrax: What Every Clinician Should Know,

The anthrax tape features a panel of experts from the Centers for Disease Control (CDC) who present clinical guidelines and procedures for the early recognition, diagnosis, treatment, and reporting of anthrax exposure. This program was originally aired as a live satellite broadcast on October 18, 2001. Each tape is approximately 60 minutes long.

Tapes can be viewed and/or checked out at the Public Services desk on the main level of the Eccles Library. Any questions you have about NCME videos can be directed to Nancy Litz at 801-581-8052 or nelitz@lib.med.utah.edu.

Education Services Web Page

Faculty, staff and students are encouraged to visit the Spencer S. Eccles Health Sciences Library **Education Services** Web page. The current list of Library Workshops and Classes, plus handouts for most classes, and tip sheets for selected databases, are available for viewing or printing. For the student beginning a research project, there is a link to Research Tools highlighting the best resources available by subject: consumer health, gerontology, medicine, nursing, nutrition, occupational therapy and pharmacy.

Additional links lead to Online Tutorials and Classes, Library Presentations and Publications (including the Library and Information Technology Forum, the *IAIMS Newsletter* and InfoFair) and Library and Academic Interest Readings.

The Education Services Web page is available at **http://medlib.med.utah.edu/library/edumaterials/eduservices/eduservices.html**

Faculty who would like to incorporate instruction in the use of online databases and electronic resources into their class assignments should contact Jeanne Le Ber, Education Librarian at 801-585-6744 or jeannele@lib.med.utah.edu.

Telecommuting Anyone? Remote Access to Library Resources

With the 2002 Winter Olympic Games taking place in February, and the Para-Olympics following in March, many University of Utah students, staff and faculty are looking at alternative ways to get work done from home. Many library resources are available on the Internet, thereby eliminating your commute to and physical presence on campus. Some of the library's Web resources are freely accessible; others are fee-based subscriptions restricted to the University of Utah community. The Spencer S. Eccles Health Sciences Library makes every effort to purchase campus-wide licenses for electronic resources. Typically, Web access to the University of Utah's restricted resources is determined by the user's computer address or IP address, or proxy setup.

What are some of these electronic resources? Two freely accessible websites are the Library Catalog (identifies materials owned by the library) and PubMed MEDLINE (identifies professional biomedical journal articles). A few of the Web resources available and restricted to the University of Utah community are the full-text databases STAT!Ref, Harrison's Online, the Cochrane Library, and MDConsult. Full text electronic journals available to the University of Utah community include such titles as *Science, Nature, JAMA, Journal of Advanced Nursing*, and *Pharmacology*.

Electronic library services are available to all University of Utah Internet users through the Eccles Library's website at **http://medlib.med.utah.edu/** Instructions for setting up remote access are located under the "Quick Links" menu (located on the right side of the top, blue navigation bar) from the library's home page. The specific URL address for remote access instructions is at **http://medlib.med.utah.edu/library/eresources/remoteaccess.html**

Basically, University of Utah persons register for a free University Internet account—also known as a Network ID or NID—activated about 24-hours after registration (Step 1); then the user connects to the University Internet account (Step 2) one of three ways:

1. Via the University's proxy server (configure your Web browser for proxy access if you have your own Internet Service Provider, ISP)
2. Dial directly into the University's modem pool
3. UofU.net subscribers **(http://www.netcom.utah.edu/helpdesk/remote/uofunet.html)** can configure a Virtual Private Network (VPN) for remote access. More instruction on the UofU.net's VPN is available at **http://vpn.uofu.net/** or the campus HELP desk at **http://www.netcom.utah.edu/helpdesk/** or 801-581-4000.

If you have questions, or for more information contact the Eccles Library Reference Desk staff at 801-581-5534, or email reference@lib.med.utah.edu. Avoid commuting, go computing!

Fourteenth Annual Slice of Life Multimedia Workshop

This year's Slice of Life Multimedia Workshop is scheduled for June 18-22, 2002 in Toronto, Canada.

If you are interested in computers and multimedia in healthcare/medical education, then Slice of Life is the ideal international teaching and learning event! Hosted this year by the University of Toronto the program has two major parts:

1. Optional hands-on and/or lecture demonstration pre-workshops of half or full day duration on June 18 and 19
2. Two and one-half days of auditorium presentations, electronic demonstrations, posters, breakout sessions and special interest groups on June 20-22

Social events include the traditional Welcome Dinner on Thursday evening, this year at the historic Hart House; the popular Grand Extravaganza on Saturday afternoon to midnight includes Niagara Falls.

Deadline for abstract submissions including proposals for pre-workshops is **January 18, 2002**. More information and forms are online at **http://www.slice.gsm.com** Review the archives of online abstracts from previous meetings to see the variety of presentations and demonstrations presented in past years. Suggestions for the program are very welcome (email: suzanne.stensaas@hsc.utah.edu). Former participants know that it is the gift of time and energy by over half of the attendees who contribute to the program that makes the workshop so successful.

There will be no U.S. Post Office mailings this year. Ask friends and potentially interested individuals to sign up for the email list by going to **http://www.slice.gsm.com/2002/join.htm** in order to receive future announcements.

Now is the time to think about what you can contribute to the program. The Spencer S. Eccles Health Science Library, Slice of Life Development Fund, and Knowledge Weavers (all based at the University of Utah), as well as Gold Standard Multimedia (who host the workshop website), join with the host committee, chaired by Patricia Stewart, at the University of Toronto, to bring you what promises to be the best ever Slice of Life Workshop, June 18-22, 2002.

Personnel Changes

Monica Jenks, Administrative Assistant, has left the library in order to devote more time to school and family.

Alice Weber has joined the Eccles Library as Collection Development Librarian.

Molly Youngkin has joined the Eccles Library as the Outreach/Education Librarian.

Library Workshops and Classes

Tours and Orientations
To schedule call 801-581-5534 or email Mary McFarland at marym@lib.med.utah.edu

Searching MEDLINE on PubMed	**Small PC Lab**
Tuesday, January 8, 2002	10:00 A.M.-11:30 A.M.
Monday, January 21, 2002	10:00 A.M.-11:30 A.M
Tuesday, March 5, 2002	10:00 A.M.-11:30 A.M
Thursday, March 21, 2002	2:30 P.M.-4:00 P.M.
Tuesday, April 2, 2002	10:00 A.M.-11:30 A.M
Tuesday, April 23, 2002	10:00 A.M.-11:30 A.M

*** Advanced MEDLINE on PubMed**
Contact instructor to arrange a date and time; Mary Youngkin, 801-581-5534 or email maryy@lib.med.utah.edu

Special PubMed Features	**Small PC Lab**
Friday, January 25, 2002	10:00 A.M.-11:30 A.M
Friday, March 22, 2002	10:00 A.M.-11:30 A.M
Tuesday, April 23, 2002	1:30 P.M.-3:00 P.M.

Academic Universe	**Small PC Lab**
Tuesday, January 22, 2002	9:00 A.M.-10:00 A.M.

ACCESS, Part I	**Large PC Lab**
Wednesday, April 3, 2002	1:00 P.M.-3:00 P.M.
ACCESS, Part II	
Wednesday, April 10, 2002	1:00 P.M.-3:00 P.M.

Bibliographic Management

EndNote (version 5)	**Small PC Lab**
Wednesday, January 30, 2002	2:30 P.M.-4:30 P.M.
Friday, March 22, 2002	2:00 P.M.-4:00 P.M.
Wednesday, April 17, 2002	2:30 P.M.-4:30 P.M.

Reference Manager (version 9)
Contact instructor to arrange a date and time; Jeanne Le Ber, 801-585-6744 or email at jeannele@lib.med.utah.edu

Consumer Health with EBSCOhost
Contact instructor to arrange a date and time; Liz Workman, 801-581-4686 or email at lworkman@lib.med.utah.edu

Design Basics: Principles of Design for the Design Novice
Contact Susan at 801-581-3031 or email sroberts@lib.med.utah.edu for more information about this course

Excel Essentials, Part 1	**Small PC Lab**
Tuesday, January 15, 2002	9:00 A.M.-10:00 A.M.
Tuesday, Jaunary 29, 2002	9:00 A.M.-10:00 A.M.
Tuesday, March 5, 2002	9:00 A.M.-10:00 A.M.
Excel Essentials, Part 2	**Small PC Lab**
Wednesday, January 16, 2002	9:00 A.M.-10:00 A.M.
Wednesday, January 30, 2002	9:00 A.M.-10:00 A.M.
Wednesday, March 6, 2002	9:00 A.M.-10:00 A.M.

FrontPage, Part 1	**Small PC Lab**
Tuesday, April 2, 2002	2:30 P.M-4:00 P.M.
FrontPage, Part 2	
Tuesday, April 9, 2002	2:30 P.M-4:00 P.M.

Full Text Databases	**Small PC Lab**
Wednesday, January 23, 2002	12:05 P.M.-1:30 P.M
Wednesday, March 27, 2002	12:05 P.M.-1:30 P.M
Wednesday, April 24, 2002	12:05 P.M.-1:30 P.M

Grants: Researching Grants	**Large PC Lab**
Tuesday, January 15, 2002	10:00 A.M.-11:00 A.M.
Tuesday, March 12, 2002	10:00 A.M.-11:00 A.M.
Tuesday, April 16, 2002	10:00 A.M.-11:00 A.M.

*** HTML, Beginning**	**Large PC Lab**
Thursday, January 31, 2002	1:30 P.M.-4:00 P.M.
*** HTML, Intermediate**	**Large PC Lab**
Friday, February 1, 2002	1:30 P.M-4:00 P.M.

Molecular Biology and Genetics InfoHubs Short Course	**History of Medicine**
Tuesday, January 8, 2002	9:00 A.M.-Noon
Thursday, January 17, 2002	1:00 P.M.-4:00 P.M.
Tuesday, January 22, 2002	9:00 A.M.-Noon
Wednesday, January 30, 2002	1:00 P.M.-4:00 P.M.
Tuesday, February 5, 2002	9:00 A.M.-Noon

PowerPoint, Basic Presentations	**Large PC Lab**
Wednesday, January 9, 2002	2:30 P.M.-4:30 P.M.
Monday, January 14, 2002	2:00 P.M.-4:00 P.M.
Friday, March 1, 2002	2:00 P.M.-4:00 P.M.
Monday, March 25, 2002	2:00 P.M.-4:00 P.M.
Monday, April 8, 2002	2:00 P.M.-4:00 P.M.

PowerPoint, Advanced Techniques	**Large PC Lab**
Friday, January 18, 2002	2:30 P.M.-4:30 P.M.
Friday, March 29, 2002	2:00 P.M.-4:00 P.M.
Friday, April 12, 2002	2:00 P.M.-4:00 P.M.

Scanning with Adobe Photoshop	**Small PC Lab**
Monday, January 28, 2002	2:00 P.M.-4:00 P.M.
Friday, March 29, 2002	2:00 P.M.-4:00 P.M.
Tuesday, April 9, 2002	10:00 A.M.-Noon

Statistics for the Health Sciences	**Large PC Lab**
Tuesday, January 29, 2002	10:00 A.M.-11:00 A.M.
Tuesday, March 26, 2002	10:00 A.M.-11:00 A.M.

Using netLibrary	**Small PC Lab**
Wednesday, January 23, 2002	9:00 A.M.-10:00 A.M.

Web-Usability: An Overview
Contact Susan at 801-581-3031 or e-mail sroberts@lib.med.utah.edu for more information about this course

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. Classes with a fee (indicated by an asterisk) require pre-payment. For more information, class descriptions, instructor phone number, email address, and registration form, see the Eccles Library Web page at **http://medlib.med.utah.edu/library/edumaterials/eduservices/libclasses.html** or please call 801-581-5534 or 801-585-6744.

The Curriculum Development Tool

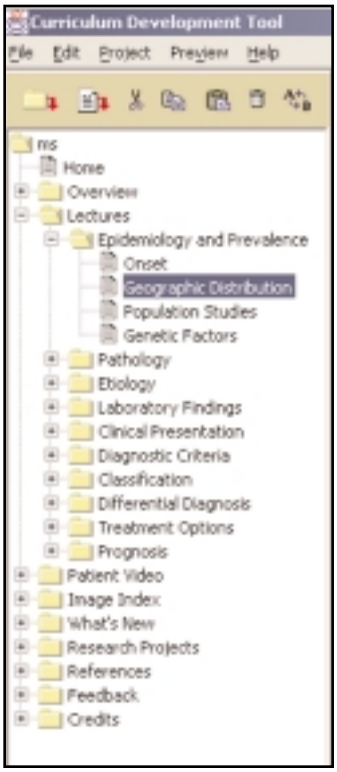
Susan Roberts, Project Manager
Knowledge Weavers Project
Spencer S. Eccles Health Sciences Library

The Knowledge Weavers project team at the Spencer S. Eccles Health Sciences Library has developed the Curriculum Development Tool (CDT), a Java-based application which will allow faculty of all technical abilities to create customized Web resources including didactic sites, disease description sites, and interactive case-based learning sites.

The tool provides faculty with two "short cuts" for creating Web resources that include:

1) a pre-defined content outline for each type of educational resource
2) a variety of templates to control the look and feel of the final result

Faculty can easily edit or add content without concern for the presentation and they can choose a professionally designed presentation to match their individual teaching style. Both the content and the presentation are based on successfully evaluated websites produced by the Knowledge Weavers team. The tool also includes a multimedia selector that allows faculty to add images, sounds or videos to the presentation. A built-in File Transfer Protocol (FTP) tool makes it easy for faculty to upload the final resources to their institution's Web server.

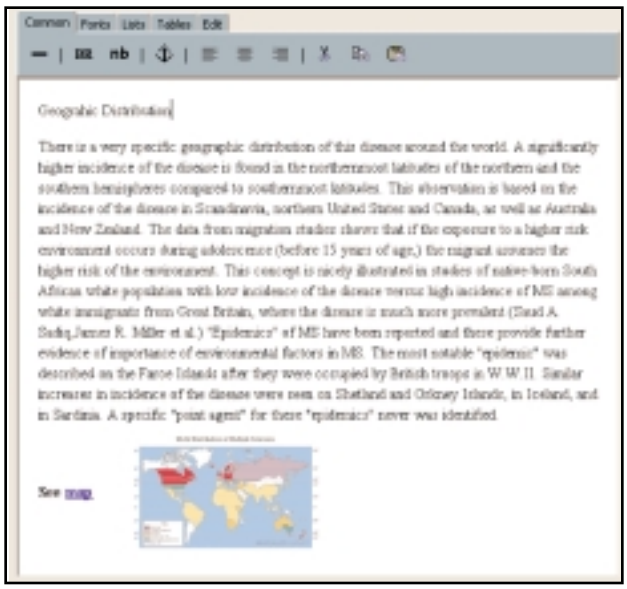


Content Outline: The CDT's editable pre-defined Content outline is automatically created for each educational project type.

A beta-version of this tool is freely available for download at: **http://medstat.med.utah.edu/kw/cdt/cdtRelease/cdt_download.html**

In the future, the final-release version of the CDT will use XML to delimit the content and XSL to define the final presentation in HTML, but it will not be required that users understand the technology in order to make effective use of the tool. The tool will also include a quiz-building module that will allow users to create interactive Web-based multiple-choice quizzes. The CDT is available under an open source license and may be freely utilized or modified by the health sciences community.

Please send us your questions, suggestions and/or feedback about the CDT by contacting us via email kw@lib.med.utah.edu or phone 801-581-3031. Also let us know if you would like to be notified when updated beta-versions as well as the final-release version of the Curriculum Development Tool are available for download.



The CDT's WYSIWYG Text Editor lets users format text after typing into the text editing window directly or by cutting and pasting from a word processing document.

Visit the Knowledge Weavers Web site at **http://weavernt.med.utah.edu/kw/** to learn more about the tools, templates and other resources that we have developed. The Knowledge Weavers Project is sponsored by the Spencer S. Eccles Health Sciences Library at the University of Utah and is supported by the National Library of Medicine, Grant #1 G08 LM05684-01A1, *A Model Multimedia Support Center for the Health Sciences.*

HEAL—Health Education Assets Library

Sharon Dennis, Librarian
Spencer S. Eccles Health Sciences Library

The Spencer S. Eccles Health Sciences Library has received a National Science Foundation grant to create a national multimedia repository for use by health science educators. The repository is called the Health Education Assets Library (HEAL). HEAL was funded as part of NSF's National Science Digital Library (NSDL) initiative. HEAL is a multi-institutional collaborative project; the principal investigators for the project are Sharon Dennis from the Eccles Library, Dr. Sebastian Uijtdehaage from the UCLA School of Medicine, and Dr. Chris Candler from the University of Oklahoma School of Medicine.

Digital multimedia, such as images and videos, are playing an increasingly important role in health sciences education. Educators, however, often do not have the time or resources to create high-quality materials. HEAL was designed to overcome these obstacles by offering health sciences faculty a repository of publicly available multimedia materials for inclusion in PowerPoint presentations or educational websites.

The principle goals of HEAL are:

1. Establish a freely accessible, national library of high-quality digital multimedia to support all levels of health sciences education. The multimedia will include digital images, videos, animations, and illustrations.
2. Create user-friendly interfaces for educators to find and download teaching materials. Separate search utilities will serve K-12, undergraduate and medical education communities.
3. Create an online repository that allows contributors to upload and catalog multimedia collections. Contributions will be reviewed for accuracy and quality.
4. Create a standard metadata (cataloging) scheme that is in accordance with international metadata models.

HEAL is not designed to be a course delivery system nor will it reflect an online standardized curriculum. To the contrary, HEAL will provide access to the raw multimedia assets (including images, videos, animations and sounds) needed to enhance the online curricula of individual medical schools. Materials downloaded from HEAL can be incorporated into online learning resources that are customized to reflect the needs of the local curricula as well as individual faculty teaching styles and preferences. The learning materials downloaded from HEAL may support a variety of end products:

- PowerPoint presentations for use during lectures
- Online courses designed with course management systems such as WebCT
- Custom designed websites that may include didactic materials, case presentations, or practice quizzes
- Online assessment programs

HEAL will feature a core collection consisting of several thousand multimedia items, covering a wide scope of health educational topics, including anatomy, pathology, neurology, and radiology. Initially, the collection will consist of digital images, videos and animations. HEAL's database is designed to include other types of educational resources such as cases and test items. The collection can be searched and browsed with easy-to-use search tools.

The central HEAL server will incorporate the core collection as well as connecting to important collections created by other groups. Plans for collaborating with other groups are two-fold: 1) a customized bridge will be written for groups that have already implemented a multimedia server; or 2) the HEAL technology will be provided to groups that have collections but have not yet implemented a multimedia server. The HEAL team is working with both the National Library of Medicine and the American Association of Medical Colleges (AAMC) to ensure that HEAL meets today's and future multimedia needs of medical colleges across the country.

HEAL will be fully functional by Spring 2002. More information about the HEAL project, including specifications and an early prototype, can be found on the HEAL website at **http://www.healcentral.org/**.

The Search Module allows users to find multimedia files within the HEAL database system.

For more information, contact Sharon Dennis at 801-585-3928 or email sdennis@lib.med.utah.edu.

User Support for Molecular Biology and Genetics Scientists

Nicola Gaedeke, Adjunct Assistant Librarian at the Spencer S. Eccles Health Sciences Library, is developing courses to support services in the field of molecular biology and genetic research. Genome sequencing from various organisms, including human, has led to the accumulation of huge amounts of sequence data. This data is stored in databases at biotechnology resource and/or sequencing centers like the National Center of Biotechnology Information (NCBI).

The NCBI not only creates public databases of different types (preliminary/ archival/ curated/ peer reviewed), but also develops software tools for analyzing genome data for a better understanding of the molecular processes that affect human health and disease **(http://www.ncbi.nlm.nih.gov)**.
The NCBI-resources and many more analytical tools for scientists **(see http://medstat.med.utah.edu/library/refdesk/molbiol.html)** are accessible through the Internet. The main problem, however, is to match user questions with the appropriate resources.

Thus, one goal in course development at Eccles Library is building awareness of the databases and analytical software tools available for the scientist. Moreover, the courses will cover the usage of text search systems (e.g., Entrez or LocusLink), sequence similarity search systems, and different analysis programs to equip the user with the knowledge that empowers him/ her to interpret the outcome of the computational analysis of the DNA- or protein sequence(s) under investigation. The classes will be offered on a regular basis. The support services are also offered to patrons individually on request.

The first class is a 3-hour Molecular Biology/ Genetics InfoHubs Short Course, starting in January 2002. The class will introduce Web-links and databases used in the field of molecular biology research. Participants will learn how to search nucleotide and protein sequence databases using the NCBI's Entrez interface for integrated information retrieval. Also covered is the Reference Sequence Database RefSeq and NCBI's Locus Link, an interface to connect a variety of information sources on genes and diseases.

The second class to be developed is gene analysis, genome analysis and comparative genome analysis, starting in March 2002 (schedule to be announced). This class focuses on BLink and BLAST, NCBI's Mapviewer, Sequence and Evidence Viewer, the open-reading-frame finder (ORF- Finder); it also explores NCBI's genome biology resources (including the COGs database for comparative genomics), the Taxonomy-browser and Gene Expression and Variation databases.

For more information about these classes contact Nicola Gaedeke at 801-587-3439, ngaedeke@lib.med.utah.edu. See page 4 for class dates and times for the InfoHubs short course.

Web Programmer Extraordinaire

Brad Schaefer is a sophomore undergraduate student at the University of Utah, also working at the Spencer S. Eccles Health Sciences Library as a Web programmer for Knowledge Weavers. Brad has been involved with several projects, including the following:

- Testfiles **(http://medstat.med.utah.edu/kw/testfiles/)**, a tool to help medical students study for exams by reading sample problems
- Utah Collaborative Medical Home Project **(http://weavernt.med.utah.edu/medhome/)**, a resource for doctors, patients, and family to learn more about health conditions.

Brad's experience includes programming with such languages as Java, C++, PHP, ColdFusion, and also with relational database applications such as Oracle, mySQL, and Microsoft SQL Server. Brad enjoys working in an environment that gives him the opportunity to constanly learn and use new computing applications and technologies. "In fact," Brad quips, "there's really nothing I can't do."

Brad hopes one day to be a video game programmer, as he refuses to listen to the advice of his friends and family and "grow up."

IAIMS Newsletter *Deadline and Mailing List*

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)
Assistant Editor: Bonnie Fox (bfox@lib.med.utah.edu)

The deadline for the Summer 2002 issue of the *IAIMS Newsletter* is Monday, May 6, 2002.

The *IAIMS Newsletter* is available electronically at **http://medlib.med.utah.edu/library/edumaterials/iaims/iaims.html**

To receive a copy of the electronic version in PDF format, send an email message to: maiser@lib.med.utah.edu. The text of the message should include ONLY the following words: susbcribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5890
VOICE: 801-585-6744; FAX: 801-581-3632
EMAIL: jeannele@lib.med.utah.edu

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The Spencer S. Eccles Health Sciences Library
Spring Semester 2002 Hours
Hours are subject to change—Call 801-581-8773 for current hours

January 2 to February 1

Monday to Thursday	7:00 A.M-11:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-8:00 P.M.
Sunday	11:00 A.M-11:00 P.M.

Special Hours during the 2002 Winter Olympic Games
February 2 to February 26

Monday to Friday	8:00 A.M-6:00 P.M.
Saturday	1:00 P.M.-5:00 P.M.
Sunday	Closed
February 6	Closed
February 8	Closed
February 18	Closed
February 23	Closed

February 27 to May 9

Monday to Thursday	7:00 A.M-11:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-8:00 P.M.
Sunday	11:00 A.M-11:00 P.M.

Special Extended Hours

Friday, May 3	7:00 A.M.-11:00 P.M.
Saturday, May 4	9:00 A.M.-11:00 P.M.

Phone Numbers

Acquisitions	801-587-9247
Administration	801-581-8771
Hours/Renewals	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4685
Gifts to Library	801-587-9247
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Media Services	801-581-8052
Outreach	801-587-3493
Regional Medical Library	800-338-7657
	801-587-3412
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

The *IAIMS Newsletter* is published 3 times a year (August, January, May), with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah
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URL: http://medlib.med.utah.edu/

IAIMS NEWSLETTER

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MC/SCUG

Medical Center / Small Computer Users Group

Wednesday, March 6, 1996
NOON

WEB WEAVING: ASK THE EXPERTS

Sharon E. Dennis, Nancy T. Lombardo, Susan Roberts and Carol Cassidy, Spencer S. Eccles Health Sciences Library; Sid Bytheway, Administrative Computing Services and Jay Deuel, Computer Center

A panel of World Wide Web experts will answer your questions on HTML coding, style and standards; use and conversion of graphics on the Web; setting up, managing and maintaining a web site; offering courses via the Web; CGI programming; trends in new Web technologies, etc. If you have questions, now's the chance to get them answered.

Come with your questions, your lunch and your friends to the March MC/SCUG meeting, Wednesday, March 6, 1996 at NOON in Classroom C, School of Medicine Building.

ABOUT THE MEDICAL CENTER SMALL COMPUTER USERS GROUP

MC/SCUG is an informal group of computer users who enjoy keeping informed about the latest developments in computer applications of all types. Monthly presentations focus on current topics of interest. There is no membership fee. You are welcome whenever you are able to come. MC/SCUG meetings are held on the first Wednesday of the month (except during the Summer Quarter) in Classroom C, School of Medicine Building. If you would like more information about MC/SCUG or if you would like to suggest a topic for a MC/SCUG meeting, please contact Joan M. Gregory, Coordinator, MC/SCUG, Spencer S. Eccles Health Sciences Library, (801) 581-5269, INTERNET: joang@ecclab.med.utah.edu. If you are interested in receiving e-mail notification of future MC/SCUG meetings, send an e-mail message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe MCSCUG**

IN THIS ISSUE

MC/SCUG Meeting..... 1
Computer-Based Learning Discussion Group..... 2
Internet Resources: Gerontology Resources.....2-4
Internet Basics: Magellan 5-6
UUCC Announces New 15 Minute Modem Pool.....6
InfoFair '96 Program and General Information..... 7-8
InfoFair '96 Update on Workshops and Presentations 9-10
Library Services News: Library Hours 10
Outreach Services: HEALTH & HSTAR Merge.....11-12
Announcing 7th Annual Slice of Life Workshop.....12-13
IAIMS Newsletter Deadline and Mailing List..... 13

COMPUTER-BASED LEARNING DISCUSSION GROUP

Web Graphics

Thursday,
March 14, 1996
NOON - 1:00 pm
History of Medicine
Room, Eccles Library

The next meeting of the Computer-Based Learning Discussion Group will be Thursday, March 14 from NOON - 1 p.m. in the History of Medicine Room at the Spencer S. Eccles Health Sciences Library. Susan Roberts and Carol Cassidy, both Multimedia Design Artists at Eccles Health Sciences Library, will describe and demonstrate some of the input devices and software tools that can be used for putting raw visual material (i.e., prints, slides, maps, printed text) into a format that a World Wide Web browser can display. They will also discuss some guidelines for creating Web browser readable image files, particularly issues relating to size, format, and color calibration.

If you are interested in computer-based learning (CBL), you are invited to join the Computer-Based Learning Discussion Group. The purpose of the group is to share information about developing and evaluating computer-based learning as well as curriculum integration issues. Depending upon the interests of the group, discussion may include, but not be limited to, some of the following topics: use of multimedia technologies, how to find suitable programs in various subject areas, how to get started in planning your own CBL program, authoring system and platform advantages/disadvantages, hints for effective information structuring and interface design, incorporating CBL programs into the curriculum, and methods of evaluating CBL.

For more information, contact Sharon E. Dennis at (801) 585-3928, or via electronic mail: sdennis@ecclab.med.utah.edu.

INTERNET RESOURCES

Gerontology Resources

by
Nancy T. Lombardo,
Affiliate Librarian,
Spencer S. Eccles
Health Sciences
Library

As the average age of our population increases, the field of Gerontology becomes increasingly popular. This rising popularity is well represented in the Internet. A tremendous amount of information about aging is now accessible online. Resources on aging range from World Wide Web sites to mailing lists for communication among people interested in the issues related to aging. There are resources for the health professional as well as for the patient or consumer.

One individual, Joyce A. Post, a librarian at the Philiadelphia Geriatric Center, has compiled a comprehensive list of Internet sites and tools related to Gerontology, Geriatrics, and Aging. Her well organized, extremely valuable list has made finding Internet resources much easier. This excellent directory can be found at:

Internet and E-Mail Resources on Aging

http://www.aoa.dhhs.gov/aoa/pages/jpostlst.html

Some of the more notable resources on Gerontology found on Joyce Post's list are described here. For a more comprehensive listing of sites, please use a World Wide Web browser like *Netscape* to go to the address listed above.

World Wide Web Sites

University of Utah Gerontology Center

http://www.nurs.utah.edu/gerontology/

The Gerontology Center at the University of Utah has it's own World Wide Web

INTERNET RESOURCES

Gerontology Resources

by
Nancy T. Lombardo, Affiliate Librarian, Spencer S. Eccles Health Sciences Library

site. The site provides information about the Masters Degree and the Certificate program offered by the Center. It includes a faculty directory, information on the research interests of faculty, information about scholarships and student stipends, and other useful information about the Center. The site allows prospective students to read about the Center's programs and use e-mail links to request more information or ask questions of faculty. Links to other important Gerontology resources are also provided, making this an excellent site for starting to investigate Internet resources on Aging.

Directory of Web and Gopher Aging Sites

http://www.aoa.dhhs.gov/aoa/webres/craig.htm

This site, maintained by Bruce Craig and sponsored by the Administration on Aging, is very current. It is an excellent collection of links to community services and agencies. Nearly 200 links are included. The page is organized quite simply with an index to sites, a listing of organizations, and a listing by topic.

Wayne State University (Detroit, MI) - Institute of Gerontology

http://www.iog.wayne.edu/

The Institute of Gerontology at Wayne State University sponsors this World Wide Web server as part of an ongoing effort to fulfill its mission of research, service, and education in the field of aging. Users will find information about the Institute and its programs and faculty as well as links to local and state agencies. A virtual library and well organized collection of links is presented in the GeroWeb section of this site.

EldercareWeb

http://www.ice.net/~kstevens/ELDERWEB.HTM

Eldercare is an area with growing importance as the population of the USA ages. The word "Eldercare" implies elderly people who have healthcare or other care needs. This is a collection of resources available on the Web for the elderly and their caregivers and advisors. Hundreds of full-text documents dealing with consumer aspects of aging are linked. Links to other important Internet resources are provided. Some of these links go directly to online information, others will point users to addresses, phone numbers, or names of books, pamphlets, or articles that can be used to get further information.

Administration on Aging

http://www.aoa.dhhs.gov/

The Administration on Aging provides information on finding help for older persons, statistical information, and information on a select set of organizations and agencies dealing with aging issues. Full-text of the *Age Pages* produced by the National Institute on Aging are found at this site, as is information from the *1995 White House Conference on Aging*. A few links to other useful resources are provided.

Social Security Administration (SSA)

http://www.ssa.gov/

This site provides information about benefits in both English and Spanish. The full-text of the Social Security Administration handbook is available. There is a searchable collection of online documents and a section providing answers to

INTERNET RESOURCES

Gerontology Resources

by
Nancy T. Lombardo,
Affiliate Librarian,
Spencer S. Eccles
Health Sciences
Library

frequently asked questions about Social Security.

Senior Com

http://www.senior.com/

This site has an unique presentation with a "Town Square" metaphor presenting the various services. By clicking on buildings, users are provided with further information on such things as travel, government information, free products and services, shopping, legal and financial services, health and fitness, and an online newsstand. Seniors can also participate in online chat sessions with other Internet users in "real time." This site is working at providing Seniors with a virtual community as well as an information source.

Mailing Lists or Discussion Groups

Because electronic mailing lists are usually managed by "automated processors," or computers, there are two facets to communication via an electronic mailing list. One is the administrative communication in which you, as a member, communicate with a list processor or computer program, to subscribe or unsubscribe and for other administrative commands. The other is communication with the people subscribed to the list. Remember to send messages intended for the people to the list name, rather than to the list processor address. What follows is a selection of some of the mailing lists available in the area of Gerontology. See Joyce Post's more comprehensive directory for other mailing list addresses. (*http://www.aoa.dhhs.gov/aoa/pages/jpostlst.html*)

AGEING - A discussion group whose members are drawn mostly from the biosciences professions.

To subscribe send a message to: **BIOSCI-SERVER@NET.BIO.NET**
leave the subject line blank
send a one line message: subscribe AGEING yourfirstname yourlastname
Example: subscribe AGEING Nancy Lombardo

To send a message or reply to the list after you are a subscriber
use: **AGEING@NET.BIO.NET**

ELDERS - A world-wide list of seniors with connections to the electronic journal "CyberSenior Review."

To subscribe send a message to: **LISTSERV@SJUVM.STJOHNS.EDU**
leave the subject line blank
send a one line message: subscribe ELDERS yourfirstname yourlastname

To send a message or reply to the list after you are a subscriber
use: **ELDERS@SJUVM.STJOHNS.EDU**

GERINET - A general discussion on all issues related to aging.

To subscribe send a message to: **LISTSERV@UBVM.CC.BUFFALO.EDU**
leave the subject line blank
send a one line message: subscribe GERINET yourfirstname yourlastname

To send a message or reply to the list after you are a subscriber
use: **GERINET@UBVM.CC.BUFFALO.EDU**

INTERNET BASICS

Magellan

by
Nancy T. Lombardo,
Affiliate Librarian,
Spencer S. Eccles
Health Sciences
Library

A new trend on the Internet is to provide a directory of resources which have been reviewed or rated by a group of reviewers. The advantage of this type of service is that the sites have undergone some evaluation. These services can help you filter through the overwhelming amount of Internet information to find sites that have some sort of recommendation.

Magellan: McKinley's Internet Directory is one such site. Magellan can be found using any World Wide Web browser (like *Netscape*) at:

http://www.mckinley.com

Magellan's reviewers examine and rate thousands of new sites every month. Each reviewed site is awarded 1-4 stars, 4 stars being best. Three major criteria being judged are:

1) Depth, currency, comprehensiveness
2) Ease of exploration and organization
3) Net appeal, innovation, design.

An additional feature of the rating system is Magellan's Green Light icon. Sites marked with the Green Light are those which, at the time of review, contained no content apparently intended for mature audiences.

Magellan allows searching of it's database as well as exploration via subject oriented menus.

Searching Magellan

The search feature has sophisticated tools for narrowing and limiting. You are able to use the boolean operators (AND, OR, NOT), proximity operators (ADJ, W/#) and a variety of truncation symbols. Be sure to use these expanded search tools to focus your search. For example, if you search on "New Mexico" you will find over 1000 sites which use either the term New or the term Mexico. If you use the ADJ operator to indicate that you want the two words to appear adjacent to each other, "New ADJ Mexico," you get 77 sites.

If you attempt a search and retrieve no results, click on the spider icon to run the same search in the larger database which includes over 1.5 million Internet sites that have not yet been reviewed.

INTERNET BASICS

Magellan

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Health Sciences
Library

Click on the Help button at the top of any page within Magellan, then click on the link titled "How do I perform a search in Magellan?" to find all the details about the expanded search tools.

Search Results

A typical site retrieved by a search on Magellan will look something like the one above. This site received a **three star rating**, indicated on the left. It has the **Green Light icon**, indicating that it contains no content intended for mature audiences. The underlined title in the center is the **link to the actual Web site**. On the far right, the **Review** link provides information from the reviewer explaining the rating and giving details about the site.

Magellan's Subject Directory

Magellan provides an easy to browse menu with 23 major categories. Follow the links in any category to find further subcategories. Select a subcategory and you will be able to search within that list of sites or browse the resources on that topic.

UUCC ANNOUNCES

New 15 Minute Modem Pool

UUCC has completed the installation of a 15 minute dial-in pool of modems for those wishing only to download or upload e-mail. Dialing-in on the number (801) 581-3960 enables an individual with a University of Utah Internet account to use any one of the 16 (28.8 Kb/s) modems on the 15 minute service.

If you have questions about this service, contact the Computer Center Help Line at (801) 585-HELP (i.e., (801) 585-4357).

INFOFAIR '96

BECOMING DIGITAL

Thursday, April 11,1996

Program

PROGRAM

9:30-10:45 AM **Introduction** **John M. Matsen, M.D.**
Location: George and Dolores Eccles Institute of Human Genetics Auditorium

THE CLIFFORD C. SNYDER, M.D. & MARY SNYDER LECTURE
Medicine in the Computer Age Homer R. Warner, M.D., Ph.D.
Location: George and Dolores Eccles Institute of Human Genetics Auditorium

10:45-11:00 AM **Refreshments** Location: George and Dolores Eccles Institute of Human Genetics Lobby

11:00 AM-NOON **Meet the Experts: "Becoming Digital" Panel Discussion**
Homer R. Warner, M.D., Ph.D., Nina E. Dougherty, Clifford J. Drew, Ph.D., Reed M. Gardner, Ph.D., and T. Samuel Shomaker, M.D.
Location: George and Dolores Eccles Institute of Human Genetics Auditorium

LUNCH (on your own)

12:30-2:00 PM **Advanced HTML** **Sharon E. Dennis**
FULL Location: PC Classroom, Lower Level, Spencer S. Eccles Health Sciences Library

12:30-2:00 PM **Finding Information on the Internet** **Nancy T. Lombardo**
Location: MAC Classroom, Lower Level, Spencer S. Eccles Health Sciences Library

1:00-2:00 PM **The Digital Library** **Nina E. Dougherty**
Location: History of Medicine Room, Upper Level, Spencer S. Eccles Health Sciences Library

2:30-4:00 PM **Introduction to JavaScript** **Sharon E. Dennis**
FULL Location: MAC Classroom, Lower Level, Spencer S. Eccles Health Sciences Library

2:30-4:00 PM **Finding Information on the Internet** **Nancy T. Lombardo**
Location: PC Classroom, Lower Level, Spencer S. Eccles Health Sciences Library

2:30-3:30 PM **Electronic Journals on the Web: Hype vs. Reality** **Mary E. Youngkin & Jeanne M. Le Ber**
Location: History of Medicine Room, Upper Level, Spencer S. Eccles Health Sciences Library

EXHIBITS Location: Spencer S. Eccles Health Sciences Library (Lower Level)
11:30AM-4:30PM
Hardware, Software, Information Services, Electronic Publications, University of Utah Services and University of Utah Developed Computer Applications

INFOFAIR '96

BECOMING DIGITAL

Thursday, April 11,1996

General Information

PROGRAM COORDINATOR
Joan M. Gregory, Associate Librarian, Technical Services, Spencer S. Eccles Health Sciences Library, University of Utah

THE CLIFFORD C. SNYDER, M.D. AND MARY SNYDER LECTURER
Homer R. Warner, M.D., Ph.D.
Professor and Department Chair, Department of Medical Informatics, and Chief Information Officer, Health Sciences Center, University of Utah

THE CLIFFORD C. SNYDER, M.D. AND MARY SNYDER LECTURE
Dr. Clifford C. Snyder, Professor of Surgery, founded the Division of Plastic and Reconstructive Surgery at the University of Utah School of Medicine in 1967 and served as chair of that division until 1985 when he was appointed Professor Emeritus of Surgery and Associate Dean of the School of Medicine. Throughout his career, Dr. Snyder has been an ardent supporter of the library. Dr. Snyder's endowment of The Clifford C. Snyder, M.D. and Mary Snyder Lectureship provides funding for the featured presentation at InfoFair.

UNIVERSITY OF UTAH PRESENTERS & PANELISTS
Sharon E. Dennis, Associate Librarian, Computer & Media Services, Spencer S. Eccles Health Sciences Library; **Nina E. Dougherty**, Librarian, Research, Spencer S. Eccles Health Sciences Library; **Clifford J. Drew, Ph.D.**, Coordinator of Instructional Technology, Office of the Vice President for Academic Affairs, and Professor, Special Education and Educational Psychology; **Reed M. Gardner, Ph.D.**, Professor, Medical Informatics, School of Medicine, University of Utah, and Co-Director, Medical Computing, LDS Hospital; **Jeanne M. Le Ber**, Assistant Librarian, Instructional and Information Management Services, Spencer S. Eccles Health Sciences Library; **Nancy T. Lombardo**, Affiliate Librarian, Internet Services, Spencer S. Eccles Health Sciences Library; **John M. Matsen, M.D.**, Vice President for Health Sciences, and Professor, Clinical Pathology; **T. Samuel Shoemaker, M.D.**, Assistant Dean, Medical Education and Minority Affairs, School of Medicine, and Assistant Professor (Clinical), Anesthesiology; **Mary E. Youngkin**, Associate Librarian, Reference Services, Spencer S. Eccles Health Sciences Library

REGISTRATION
InfoFair is **FREE. REGISTRATION IS REQUIRED** for the **WORKSHOPS**. To register call the Eccles Library Reference Desk at (801) 581-5534.

QUESTIONS
If you have questions about InfoFair, please contact us:

Reference Department
Spencer S. Eccles Health Sciences Library
University of Utah, Building 589
Salt Lake City, UT 84112
PHONE: (801) 581-5534 or 581-5269 or 581-8771
FAX: (801) 581-3632
INTERNET: joang@ecclab.med.utah.edu

INFOFAIR '96

BECOMING DIGITAL

Thursday, April 11,1996

Update on Workshops and Presentations

Advanced HTML FULL

Introduction to JavaScript FULL

Finding Information on the Internet

The Digital Library

Electronic Journals on the Web: Hype vs Reality

The following workshops will be presented at InfoFair '96 on Thursday, April 11, 1996. PLEASE NOTE: Registration is REQUIRED for several of these workshops. To register call the Reference Desk at (801) 581-5534.

WORKSHOPS

ADVANCED HTML

Sharon E. Dennis, Assistant Librarian, Computer and Media Services, Spencer S. Eccles Health Sciences Library This hands-on workshop will cover several advanced HTML features including forms, tables, and imagemaps. Participants will practice using existing CGI scripts, such as CGIEMAIL, to receive input from forms. (Note: CGI scripting, Java, and *JavaScript* will **not** be covered). Prerequisite: Knowledge of basic HTML. REGISTRATION IS REQUIRED. Class size limit: 10 participants. FULL

12:30 - 2:00 pm	PC	PC Classroom

INTRODUCTION TO JAVASCRIPT

Sharon E. Dennis, Assistant Librarian, Computer and Media Services, Spencer S. Eccles Health Sciences Library *JavaScript* is an easy to use scripting language for programming interactivity into your Web pages. This hands-on class will introduce participants to basic *JavaScript* programming. Prerequisite: Knowledge of basic HTML and experience with another scripting language such as *HyperTalk* or *dBase*. Please call the instructor before signing up if you have questions about the course content. REGISTRATION IS REQUIRED. Class size limit: 8 participants. FULL

2:30 - 4:00 pm	MAC	MAC Classroom

FINDING INFORMATION ON THE INTERNET

Nancy T. Lombardo, Affiliate Librarian, Spencer S. Eccles Health Sciences Library Learn how to search for the information you need on the Internet using Netscape. This class explains how to navigate the Internet using Netscape and offers instruction and hands-on practice in how to use YAHOO!, WebCrawler, Alta Vista and other Internet searching tools to find the Internet resources you need. REGISTRATION IS REQUIRED. Class size limit: 12 participants (MAC Lab), 16 participants (PC Lab). Participants may be required to share a computer.

12:30 - 2:00 pm	MAC	MAC Classroom
2:30 - 4:00 pm	PC	PC Classroom

PRESENTATIONS

THE DIGITAL LIBRARY

Nina E. Dougherty, Librarian, Research, Spencer S. Eccles Health Sciences Library The vision, status and implications of the "digital library" concept will be presented in an Internet-based overview and demonstration with links to relevant resources. Topics to be covered will include: What is a "digital library"? What digital resources do library users in Utah have access to right now? What does the future hold for the development of "digital libraries" locally, nationally, and internationally?

1:00 - 2:00 pm	NOTE TIME CHANGE!	History of Medicine Room

INFOFAIR '96

Update on Workshops and Presentations

ELECTRONIC JOURNALS ON THE WEB: HYPE VS. REALITY
Mary E. Youngkin, Associate Librarian, Reference Services, Spencer S. Eccles Health Sciences Library and Jeanne M. Le Ber, Assistant Librarian, Instructional and Information Management Services, Spencer S. Eccles Health Sciences Library Which health sciences journals are available on the World Wide Web? How much of their content is really available (information about ordering the journal, tables of contents, full text of articles, accompanying pictures, graphs and charts, editorials, announcements, job listings, etc.)? Finding, evaluating and using electronic journals on the Web will be discussed and demonstrated in this one-hour presentation.

2:30 - 3:30 pm History of Medicine Room

LIBRARY SERVICES NEWS

Library Hours

The Spencer S. Eccles Health Sciences Library begins Extended Hours March 6, 1996. These hours will be in effect through March 14, 1996. Quarter break hours begin March 15, 1996 and end March 23, 1996. Regular hours resume Sunday, March 24, 1996.

Extended Hours March 6, 1996 - March 14, 1996

Wednesday, March 6, 1996	7:00 am - 12 Midnight
Thursday, March 7, 1996	7:00 am - 12 Midnight
Friday, March 8, 1996	7:00 am - 11:00 pm
Saturday, March 9, 1996	9:00 am - 11:00 pm
Sunday, March 10, 1996	11:00 am - 12 Midnight
Monday, March 11, 1996	7:00 am - 12 Midnight
Tuesday, March 12, 1996	7:00 am - 12 Midnight
Wednesday, March 13, 1996	7:00 am - 12 Midnight
Thursday, March 14, 1996	7:00 am - 11:00 pm

Quarter Break Hours March 15, 1996 - March 23, 1996

Friday, March 15, 1996	7:00 am - 8:00 pm
Saturday, March 16, 1996	9:00 am - 6:00 pm
Sunday, March 17, 1996	Closed
Monday, March 18, 1996	7:00 am - 8:00 pm
Tuesday, March 19, 1996	7:00 am - 8:00 pm
Wednesday, March 20, 1996	7:00 am - 8:00 pm
Thursday, March 21, 1996	7:00 am - 8:00 pm
Friday, March 22, 1996	7:00 am - 8:00 pm
Saturday, March 23, 1996	9:00 am - 6:00 pm
Sunday, March 24, 1996	11:00 am - 11:00 pm**(resume regular hours)**

Spring Quarter Starts Monday March 25, 1996

Regular Hours

Mondays - Thursdays	7:00 am - 11:00 pm
Fridays	7:00 am - 8:00 pm
Saturdays	9:00 am - 8:00 pm
Sundays	11:00 am - 11:00 pm

OUTREACH SERVICES

HEALTH & HSTAR Merge

by Kathleen M. McCloskey, Associate Librarian, Outreach Services, Spencer S. Eccles Health Sciences Library

Last month we talked about the SDILINE file of the National Library of Medicine's (NLM) MEDLARS databases. The column this month focuses on the new HealthSTAR database, a collaborative effort of the NLM, the American Hospital Association (AHA) and the National Information Center on Health Services Research (NICHSR).

The September-October 1995 issue of the *NLM Technical Bulletin* (No 287, pg. 3) announced the reorganization of the Health Planning and Administration HEALTH database and the Health Services/Technology Assessment Research HSTAR database into a new database called HealthSTAR. The new database will be available in late February or early March. When the 1996 update for *Grateful Med* arrives, no doubt it will include a template for searching HealthSTAR.

Who should consider searching HealthSTAR? Policy makers, hospital administrators, public health officers, professional health services researchers, and librarians will find references of interest.

The subject scope of HealthSTAR incorporates that of both HEALTH and HSTAR:

- Health Care Planning & Administration Economics
- Planning & Policy
- Health Services Research
- Clinical Practice Guidelines
- Health Care Technology Assessment
- Public Health

HealthSTAR contains citations to materials not previously found in any other MEDLARS database. Unlike MEDLINE, which includes only citations to journal articles, HealthSTAR will include citations to:

- journal articles from 1975 - present
- monographs & monographic series from CATLINE, the NLM catalog, in all languages from 1985 - present
- technical & government reports
- meeting abstracts & conference papers
- book chapters
- newspaper articles
- full-text of Clinical Practice Guidelines

Initially, HealthSTAR will contain:

- 2.43 million plus citations divided into two files, one current and one backfile
- American Hospital Association publications
- retrospective National Health Planning Information Center (NHPIC) citations
- specially indexed citations from the National Information Center on Health Services Research and Health Care Technology (NICHSR), a component of the National Library of Medicine (NLM)

A caution about searching HealthSTAR: records in HealthSTAR contain more searchable fields than records from either HEALTH or MEDLINE. This difference is due to the type of material and format of the original database. For

OUTREACH SERVICES

HEALTH & HSTAR Merge

instance, CATLINE is primarily a book/monograph database and books require different descriptive fields than journals. For this reason, there are two source fields. Other search tips will be reported once the database is available and it is possible to determine its full capabilities.

ANNOUNCING THE 7TH ANNUAL SLICE OF LIFE WORKSHOP ON MULTIMEDIA IN HEALTH SCIENCE EDUCATION

June 19-22, 1996

University of Copenhagen, Copenhagen, Denmark

The Slice of Life Workshop on Multimedia in Health Science Education will be held in conjunction with an international conference at the University of Copenhagen in Copenhagen, Denmark, June 19-22, 1996. The workshop and conference will cover the use of videodiscs, CD-ROMs, World Wide Web, and other multimedia platforms for medical education.

There will be a "hands-on" pre-conference workshop held on Wednesday, June 19, 1996. Attendance is limited to 150 persons. Space will be made available on a first-come, first-served basis. Pre-registration for the workshop is open until April 15, 1996. The registration fee is $275 (US). After April 15, 1996, the registration fee is $350 (US). The registration fee includes lunches, coffee/tea breaks and a hospitality suite. It is recommended that individuals register as soon as possible to take advantage of special booking rates for airfares and hotels.

Individuals interested in contributing to the program should submit proposals before April 1, 1996. The program is being organized by the University of Copenhagen, the University of Aarhus and University of Odense in collaboration with the Slice of Life Development fund.

In addition to the call for conference participants and demonstrators, the Slice of Life office is, once again, sponsoring the Sandoz Software Award. This award is given each year to the most outstanding effort using multimedia in conjunction with the Slice of Life videodisc. This year prospective Sandoz applicants may submit work developed using either the Slice of Life or Slice of Brain videodiscs. The eligibility requirements for the Sandoz Software Award have been expanded as well. Any student project, undergraduate or postgraduate will be given consideration. The only stipulations are that the work submitted for consideration was work undertaken during the time that the developer was enrolled as a student and that the work has not been juried elsewhere.

Those individuals interested in attending the workshop or in submitting software for consideration for the Sandoz Award are encouraged to contact the following individuals:

For registration and program information on the workshop, contact: Ole Winding, University of Copenhagen, Institute of Forensic Medicine; 11 Fr. V. vej, DK-2100, Denmark; Voice: 45-35-32-61-85; FAX :45-35-32-61-50; Internet: owhealth@inet.uni-c.dk

Further information and forms may also be obtained from the workshop/conference website: **http://www.odont.ku.dk.mhse**

ANNOUNCING THE 7TH ANNUAL SLICE OF LIFE WORKSHOP

For information regarding the Sandoz Software Award and/or additional information about the Slice of Life Project and related workshop activities, contact: Michael Thelin, Project Coordinator, Slice of Life, Eccles Health Sciences Library, University of Utah - Bldg 589, Salt Lake City, UT 84112; Voice: (801) 581-8694; FAX: (801) 585-2623; Internet: amthelin@medlib.med.utah.edu

For more information on the Slice of Life Project please check out the Slice of Life website: **http://www-medlib.med.utah.edu/sol/**

IAIMS NEWSLETTER

Deadline and Mailing List

The purpose of the *IAIMS Newsletter* is to keep the campus community informed on all aspects of computer and information technology as well as on the services provided by the Spencer S. Eccles Health Sciences Library. Articles on computer and information technology events, applications, services, education, etc. are welcome. To contribute articles to the *IAIMS Newsletter*, contact Joan M. Gregory at the address indicated below.

The deadline for the April 1996 issue of the *IAIMS Newsletter* is: March 15, 1996.

To be added to the electronic distribution list for the *IAIMS Newsletter*, send an e-mail message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe IAIMS** To be added to the **printed** newsletter mailing list, send the following information to: Joan M. Gregory, Editor, *IAIMS Newsletter*, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. VOICE: (801)581-5269. FAX: (801)581-3632. INTERNET: joang@ecclab.med.utah.edu.

***IAIMS NEWSLETTER* MAILING LIST**

Please add my address to the **printed** *IAIMS Newsletter* Mailing List.

Name: _____

University of Utah Department: _____

University of Utah Campus Address: _____

Company/Institution: _____

Address: _____

City: _____

State/Zip Code: _____

Spencer S. Eccles Health Sciences Library
University of Utah
Building 589
Salt Lake City, Utah 84112

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UNIVERSITY OF UTAH HEALTH SCIENCES CENTER • PUBLISHED BY THE SPENCER S. ECCLES HEALTH SCIENCES LIBRARY• UNIV. OF UTAH • BLDG. 589 • SALT LAKE CITY, UTAH, 84112• PHONE: (801) 581-5269•FAX: (801)581-3632•EDITOR: JOAN M. GREGORY• INTERNET: JOANG@ECCLAB. MED.UTAH.EDU •LIBRARY SERVICES NEWS EDITOR: JEANNE M. Le BER• COPY EDITOR: JEFF SEAMAN

INFOFAIR '96

BECOMING DIGITAL

THURSDAY, APRIL 11, 1996

The University of Utah
Spencer S. Eccles Health Sciences Library
Salt Lake City, Utah

sponsored by
THE UNIVERSITY OF UTAH
HEALTH SCIENCES CENTER

INFOFAIR is an annual event at the University of Utah Health Sciences Center with the goal of providing up-to-date information on computer applications, resources and services as well as a glimpse into the future of computers and computing in the health sciences.

The theme of InfoFair '96 is: **Becoming Digital**. The challenge to "become digital" is ever present at the University of Utah Health Sciences Center as the colleges, the hospital and the library attempt to provide access to health sciences information and services for faculty, staff and students at the University of Utah as well as for practicing health care professionals throughout the state. Whether the information be patient records, drug information, MEDLINE citations, full text of journal articles and technical reports, or support for medical decision making, the challenge to make all this information available electronically requires planning, funding, sophisticated computer technology, expert technical support and continuous maintenance.

The Clifford C. Snyder and Mary Snyder Lecture on the morning of InfoFair '96 titled: "Medicine in the Computer Age" will highlight changes in medicine over the past 30 years as computers have gradually been incorporated into medical research, patient care and teaching. The "Meet the Experts "Becoming Digital" Panel Discussion" will feature panelists from the University of Utah who will discuss and answer your questions on where we are today at the University of Utah and where we want to be in the future as we "become digital."

The afternoon presentations at InfoFair '96 offer you a chance to learn how to find information on the Internet, provide information to others on the World Wide Web via HyperText Markup Language and *JavaScript*, become familiar with the ways that electronic journals in the health sciences are being made available on the Internet, and get a glimpse of the vision, status and implications of "digital libraries" including some under development in Utah. In addition, the exhibits present a unique opportunity to try out new hardware and software, to become acquainted with computer services offered on and off campus, and to become familiar with computer applications developed at the University of Utah.

PROGRAM COORDINATOR

JOAN M. GREGORY, M.L.S. *Associate Librarian, Technical Services, Spencer S. Eccles Health Sciences Library, University of Utah* Joan M. Gregory received her Masters of Library Science from the University of Rhode Island in 1976 and is a Distinguished Member of the Academy of Health Information Professionals. Joan has coordinated InfoFair since 1988, coordinates the Medical Center/Small Computer Users Group, edits the *IAIMS Newsletter*, and manages the Library's integrated library system and technical services area. She has developed and taught numerous Internet workshops, established the Spencer S. Eccles Health Sciences Library Gopher and has developed Internet courses for the Medical Library Association and Special Library Association. When Joan is not surfing the net, she spends her time with her family, which will soon increase in size by one (due in June).

THE CLIFFORD C. SNYDER, M.D. AND MARY SNYDER LECTURER

HOMER R. WARNER, M.D., Ph.D. *Professor and Department Chair, Department of Medical Informatics, and Chief Information Officer, Health Sciences Center, University of Utah*

Homer R. Warner was born in Salt Lake City where he attended high school, undergraduate and medical schools, receiving an M.D. from the University of Utah in 1949. His education was interrupted by two and one-half years in the Navy where he served as a naval aviator prior to entering medical school. After internship and a residency in internal medicine, he received a Ph.D. in Physiology at the Mayo Clinic and the University of Minnesota in 1953.

Medical Informatics at the University of Utah began with the pioneering computer work of Dr. Warner at LDS Hospital in Salt Lake City where he established the cardiovascular laboratory in 1954. In 1964, the University recognized this work and established a Ph.D. program of Biophysics and Bioengineering naming him chairman of the new department. The department was later divided and a separate Bioengineering Department was established while the computing group moved to the medical school and took the name Medical Biophysics and Computing in 1973. In February 1986, the department was the first in the United States to change its name officially to the Department of Medical Informatics.

Dr. Warner pioneered many areas of computer applications in medicine. His definitive book entitled *Computer-Based Medical Decision-Making* was published by Academic Press in 1979. He led the development of "HELP," the first hospital information system to incorporate decision support tools, and is father of "Iliad," a computerized expert system designed to enhance medical diagnosis and teach this skill to medical students. Dr. Warner's most recent research interest has focussed on an Advanced Clinical Information System (ACIS) for the University of Utah Hospital and Clinics.

Dr. Warner is the recipient of the University of Utah Distinguished Alumni Award, BYU James E. Talmadge Scientific Achievement Award, the University of Minnesota Outstanding Alumni Achievement Award, the Distinguished Research Award from the University of Utah, the Governor's Medal for Science and Technology, and in 1994, the Morris Collen Award from the American College of Medical Informatics. In 1988, he was elected a senior member in the Institute of Medicine of the National Academy of Sciences. He was named

THE CLIFFORD C. SNYDER, M.D. AND MARY SNYDER LECTURER

THE CLIFFORD C. SNYDER, M.D. AND MARY SNYDER LECTURE ABSTRACT

INFOFAIR PANELISTS AND PRESENTERS

Doctor of Technology Honorus Causa, University of Linkoping, Linkoping, Sweden in 1990. In 1991 the "Legacy of Life" award, designed to honor Utah-associated citizens, was awarded to him by the Deseret Foundation for his exploratory work in medical applications of computer technology.

For the past 25 years, Dr. Warner has served almost continuously on a research review group for the National Institutes of Health, the National Center for Health Services Research Agency for Health Care Policy and Research at the National Library of Medicine. He was editor of the journal, *Computers and Biomedical Research*, published by Academic Press from 1966-1994.

MEDICINE IN THE COMPUTER AGE.

HOMER R. WARNER, M.D., Ph.D. *Professor and Department Chair, Department of Medical Informatics, and Chief Information Officer, Health Sciences Center, University of Utah*

Our understanding of the world in which we live is based on the use of models, more often implied than explicit. Medical Informatics is that branch of science which uses computers to develop and evaluate explicit models in the domain of medicine to improve understanding and facilitate the performance of intellectual tasks. These tasks include documentation, communication, organization and retrieval of information, diagnosis, prognosis, discovery of new relationships, and decision-making. Many of these opportunities in Informatics were recognized 30 years ago. In a few of these areas such as imaging, Informatics has already had major impact on the quality of health care, but in most, progress has been slower than expected. At the University of Utah, we have been at the forefront in many of these activities. Some lessons learned from this experience will be reviewed in hopes that they may provide a model for future research, development, and strategic planning.

SHARON E. DENNIS, M.S. *Associate Librarian, Computer & Media Services, Spencer S. Eccles Health Sciences Library* Sharon Dennis received her M.S. in Library and Information Science from Drexel University, Philadelphia, PA. She is Principal Investigator for a grant funded by the National Library of Medicine entitled: "A Model Multimedia Support Center for the Health Sciences." As part of this grant, she is directing the Knowledge Weavers Multimedia Library Project. She is currently involved in creating World Wide Web resources, including the Spencer S. Eccles Health Sciences Library Home Page and NetBiochem, an educational biochemistry resource. She also teaches classes related to the Web, HTML, Advanced HTML, JavaScript, and PowerPoint. Sharon has extensive experience designing and programming computer-based learning programs in the health sciences including the *Integrated Biochemistry Learning Series (IBLS)*, a complete medical biochemistry course, and *PulMeDx*, a series of occupational lung cases.

NINA E. DOUGHERTY, M.A. *Librarian, Research, Spencer S. Eccles Health Sciences Library* Nina E. Dougherty received her B.A. in Anthropology and M.A. in Library Science from the University of Wisconsin in Madison. She is an Adjunct Instructor in the Department of Medical Informatics and the 1995-1996 Chair of the Medical Information Systems SIG of the American Society for Information Science (ASIS). Nina has long been active in University of Utah

INFOFAIR PANELISTS AND PRESENTERS

Health Sciences Center and campus-wide electronic information access committees and projects. She teaches MEDLINE, toxic substance databases and Internet access to medical informatics and environmental, occupational and public health resources. As a citizen clean air advocate, she has participated on air quality related county, state and Western U.S. advisory committees.

CLIFFORD J. DREW, Ph.D. *Coordinator of Instructional Technology, Office of the Vice President for Academic Affairs, and Professor, Special Education and Educational Psychology* Dr. Drew came to the University of Utah in 1971, after serving on the faculties of the University of Texas at Austin and Kent State University. He received his Master's degree from the University of Illinois and his Ph.D. from the University of Oregon. His professional interests include research methods in education and psychology, human development and disabilities, graduate and professional training, and applications of computer technology in higher education. Dr. Drew has published on many topics in education and related areas, having made over 100 contributions to the professional literature on subjects including mental retardation, research design, statistics, diagnostic assessment, cognition, evaluation related to the law, and instructional technology. Dr. Drew has served on the Board of Directors of the Far West Laboratory for Research and Development in Education, has Chaired the National Ethics Committee of the American Association on Mental Retardation, and is a Fellow of that organization.

REED M. GARDNER, Ph.D. *Professor, Medical Informatics, School of Medicine, University of Utah, and Co-Director, Medical Computing, LDS Hospital* Dr. Reed Gardner is a principal designer and developer of the medical expert system known as HELP (Health Evaluation through Logical Processing). His primary academic and research interests are hospital information systems, computerized medical decision-making, computerization of critical care, and the automation of the nursing process. The author or co-author of more than 250 articles in the fields of medical informatics and engineering, Dr. Gardner currently serves as Editor-in-Chief of *The International Journal of Clinical Monitoring and Computing* and is on the editorial boards of *Journal of American Medical Informatics Association (JAMIA), Journal of Clinical Monitoring,* and *The American Journal of Critical Care.* He was a recent member of the Study Section, Biomedical Library Review Committee for the National Library of Medicine, is currently President of the American Medical Informatics Association and has served as President of Computers in Critical Care and Pulmonary Medicine. Dr. Gardner is a Fellow of the American College of Medical Informatics and the Institute of Electrical and Electronic Engineers (IEEE) and serves on the Utah Chapter Executive Committee.

JEANNE M. Le BER, M.L.I.S. *Assistant Librarian, Instructional and Information Management Services, Spencer S. Eccles Health Sciences Library* Jeanne Le Ber has worked at the Spencer S. Eccles Health Sciences Library since 1979. She received her Masters of Library and Information Science from Brigham Young University in December 1992. Jeanne currently teaches Introduction to CD-ROM Databases, Bibliographic Management with Papyrus, and Bibliographic Management with Endnote classes offered by the Eccles Library. In addition, Jeanne conducts tours and orientations of the Eccles Library and works part-time at the reference desk.

INFOFAIR PANELISTS AND PRESENTERS

NANCY T. LOMBARDO, M.L.S. *Affiliate Librarian, Internet Services, Spencer S. Eccles Health Sciences Library* Nancy Lombardo has been at Eccles Library since October 1994. Her responsibilities include developing and coordinating "Internet Navigator," an online multi-institutional course, developing and teaching Internet classes, assisting patrons with client software and remote access to library resources, contributing to the development of the library's Web server, and helping with other electronic and technology-related projects. Nancy's experience in libraries began in 1981. She has held positions at the University of New Mexico and Dartmouth College libraries as well as at Denver and Salt Lake City public libraries.

JOHN M. MATSEN, M.D. *Vice President for Health Sciences, and Professor, Clinical Pathology* John M. Matsen, M.D., was named University of Utah Vice President for Health Sciences in January 1993, with oversight responsibilities for the U of U Hospitals and Clinics, Medical School, colleges of Pharmacy, Nursing and Health, and the Spencer S. Eccles Health Sciences Library. He also is Chairman of the Board of Associated Regional and University Pathologists (ARUP), a campus-based national reference laboratory. Matsen joined the Utah medical faculty 22 years ago, after work at UCLA (where he earned his M.D. degree), and at the universities of Minnesota and Washington. Before becoming Vice President at Utah, he served for 11 years as Chair of the Pathology Department. He has received the nation's top prizes and peer recognition for his contributions in research, clinical care, education and service to the fields of pathology and clinical microbiology.

T. SAMUEL SHOMAKER, M.D., J.D., *Assistant Dean, Medical Education and Minority Affairs, School of Medicine, and Assistant Professor (Clinical), Anesthesiology* T. Samuel Shomaker, M.D., J.D. received his Juris Doctor degree magna cum laude from Georgetown University in 1979. He practiced law for two years before going to medical school. He received his M.D. degree from the University of Hawaii in 1986, and did an anesthesia residency at the University of Utah. After completing a fellowship in pediatric anesthesia at the University of Texas Southwestern, and a stint in private anesthesia practice, Dr. Shomaker joined the faculty at the University of Utah where he was appointed Assistant Dean for Medical Education in 1994. He chaired the Dean's Ad Hoc Committee on Curriculum Reform, the School of Medicine committee charged with the responsibility for reviewing and updating the undergraduate medical curriculum. The committee recently concluded its work by releasing a curriculum reform proposal which calls for a much expanded exposure to information management as a fundamental skill for medical practitioners. It is anticipated that the new curriculum will be implemented in September 1997.

MARY E. YOUNGKIN, M.L.S. *Associate Librarian, Reference Services, Spencer S. Eccles Health Sciences Library* Mary Youngkin received her B.A. in English from the University of Iowa in 1972 and headed west. She joined the staff of the Eccles Library in 1974, and received her M.L.S. from Brigham Young University in 1987. As Associate Librarian for Reference Services, her responsibilities include management of the department, online and CD-ROM database search services, and participation in the library's instructional programs, where she teaches advanced CD-ROM and MEDLINE classes.

INFOFAIR '96

BECOMING DIGITAL

Thursday, April 11,1996

Program

PROGRAM

9:30-10:45 AM **Introduction** **John M. Matsen, M.D.**
Location: George and Dolores Eccles Institute of Human Genetics Auditorium

THE CLIFFORD C. SNYDER, M.D. & MARY SNYDER LECTURE
Medicine in the Computer Age Homer R. Warner, M.D., Ph.D.
Location: George and Dolores Eccles Institute of Human Genetics Auditorium

10:45-11:00 AM **Refreshments** Location: George and Dolores Eccles Institute of Human Genetics Lobby

11:00 AM-NOON **Meet the Experts: "Becoming Digital" Panel Discussion**
Homer R. Warner, M.D., Ph.D., Nina E. Dougherty, Clifford J. Drew, Ph.D., Reed M. Gardner, Ph.D., and T. Samuel Shomaker, M.D.
Location: George and Dolores Eccles Institute of Human Genetics Auditorium

LUNCH (on your own)

12:30-2:00 PM **Advanced HTML** **Sharon E. Dennis**
FULL Location: PC Classroom, Lower Level, Spencer S. Eccles Health Sciences Library

12:30-2:00 PM **Finding Information on the Internet** **Nancy T. Lombardo**
FULL Location: MAC Classroom, Lower Level, Spencer S. Eccles Health Sciences Library

1:00-2:00 PM **The Digital Library** **Nina E. Dougherty**
Location: History of Medicine Room, Upper Level, Spencer S. Eccles Health Sciences Library

2:30-4:00 PM **Introduction to JavaScript** **Sharon E. Dennis**
FULL Location: MAC Classroom, Lower Level, Spencer S. Eccles Health Sciences Library

2:30-4:00 PM **Finding Information on the Internet** **Nancy T. Lombardo**
FULL Location: PC Classroom, Lower Level, Spencer S. Eccles Health Sciences Library

2:30-3:30 PM **Electronic Journals on the Web: Hype vs. Reality** **Mary E. Youngkin & Jeanne M. Le Ber**
Location: History of Medicine Room, Upper Level, Spencer S. Eccles Health Sciences Library

EXHIBITS Location: Spencer S. Eccles Health Sciences Library (Lower Level)
11:30AM-4:30PM
Hardware, Software, Information Services, Electronic Publications, University of Utah Services and University of Utah Developed Computer Applications

PRESENTATION AND WORKSHOP ABSTRACTS

ADVANCED HTML

Sharon E. Dennis, Associate Librarian, Computer and Media Services, Spencer S. Eccles Health Sciences Library

This hands-on workshop will cover several advanced HTML features including forms, tables, and imagemaps. Participants will practice using existing CGI scripts, such as CGIEMAIL, to receive input from forms. (Note: CGI scripting, Java, and *JavaScript* will **not** be covered). Prerequisite: Knowledge of basic HTML. REGISTRATION IS REQUIRED. Class size limit: 10 participants.

FULL

INTRODUCTION TO JAVASCRIPT

Sharon E. Dennis, Associate Librarian, Computer and Media Services, Spencer S. Eccles Health Sciences Library

JavaScript is an easy to use scripting language for programming interactivity into your Web pages. This hands-on class will introduce participants to basic *JavaScript* programming. Prerequisite: Knowledge of basic HTML and experience with another scripting language such as *HyperTalk* or *dBase.* Please call the instructor before signing up if you have questions about the course content. REGISTRATION IS REQUIRED. Class size limit: 8 participants.

FULL

FINDING INFORMATION ON THE INTERNET

Nancy T. Lombardo, Affiliate Librarian, Internet Services, Spencer S. Eccles Health Sciences Library

Learn how to search for the information you need on the Internet using *Netscape.* This class explains how to navigate the Internet using *Netscape* and offers instruction and hands-on practice in how to use YAHOO!, WebCrawler, Alta Vista and other Internet searching tools to find the Internet resources you need. REGISTRATION IS REQUIRED. Class size limit: 12 participants (MAC Lab), 16 participants (PC Lab). Participants may be required to share a computer.

FULL

THE DIGITAL LIBRARY

Nina E. Dougherty, Librarian, Research, Spencer S. Eccles Health Sciences Library

The vision, status and implications of the "digital library" concept will be presented in an Internet-based overview and demonstration with links to relevant resources. Topics to be covered will include: What is a "digital library"? What digital resources do library users in Utah have access to right now? What does the future hold for the development of "digital libraries" locally, nationally, and internationally?

ELECTRONIC JOURNALS ON THE WEB: HYPE VS. REALITY

Mary E. Youngkin, Associate Librarian, Reference Services, Spencer S. Eccles Health Sciences Library and Jeanne M. Le Ber, Assistant Librarian, Instructional and Information Management Services, Spencer S. Eccles Health Sciences Library

Which health sciences journals are available on the World Wide Web? How much of their content is really available (information about ordering the journal, tables of contents, full text of articles, accompanying pictures, graphs and charts, editorials, announcements, job listings, etc.)? Finding, evaluating and using electronic journals on the Web will be discussed and demonstrated in this one-hour presentation.

EXHIBITORS

Exhibit Area Map will be available at InfoFair '96

ADMINISTRATIVE COMPUTING SERVICES
Administrative Computing Services (ACS) provides data processing services to administrative (Payroll, Accounting, etc.), student (Admissions, Student Records, Registrar, etc.), and support (parking, Public Safety, etc.) agencies at the University of Utah. ACS manages the university's IBM mainframe computer, develops application software, and supports administrative mainframe and personal computer users. *Margaret Young, Stacey Wood, Roy Schultz, Administrative Computing Services, University of Utah, 150 Park Building, (801) 581-3325, FAX: (801) 581-5877, INTERNET: jtaylor@acs.utah.edu*

ADVANCED CLINICAL INFORMATION SYSTEMS (ACIS)
The University Hospital Ambulatory Care Information System (ACIS) is an electronic clinical database for use by health care providers in outpatient clinics to improve and facilitate continuity of patient care. ACIS provides pertinent patient data regardless of medical or surgical service areas, to include outpatient clinics and inpatient units. *Michele Mills, University Hospital and Clinical Informatics, University of Utah, AB193 SOM, (801) 585-2387, FAX: (801) 581-4297, INTERNET: michele.mills@hsc.utah.edu*

ADVANCED SYSTEMS GROUP/SUN MICROSYSTEMS
Sun Microsystems, Inc. is a leading-edge provider of computer hardware and software to the high-performance computing marketplace. Specializing in the mid-range to high-end computing environment, Sun's new Ultra family of high performance UNIX workstations and servers represents a true breakthrough in network computing. In addition, Java, Sun's industry-leading Internet programming language, brings the net to life -- enabling live-content interaction for Internet users while providing greater security, multiplatform support and enhanced connectivity. Advanced Systems Group, the authorized Sun Microsystems sales agent for higher education in Utah, has specialized in supplying and integrating best-of-breed hardware and software to the Intermountain region for the past 14 years. *Jeff Cox, Jon Blakeburn, Joann Funseth, Advanced Systems Group/Sun Microsystems, Inc., 5 Triad Center, Suite 750, Salt Lake City, UT 84180, (801) 350-9242, FAX : (801) 350-9426, INTERNET: jcox@virtual.com*

ASSOCIATED BUSINESS PRODUCTS
Associated Business Products is a digital office solutions provider, specializing in high speed color and black and white printer and duplication systems and in high quality presentation and visualization solutions. *Ray Moffat, Jerilyn Hammond, James Biggs, Larry Finch, Jim Bates, Associated Business Products/Ikon Office Solutions, 193 West 2100 South, Salt Lake City, UT 84115, (801) 488-5146, FAX: (801) 488-5144*

DAVIS AUDIO-VISUAL
Davis Audio-Visual specializes in LCD projectors, smart boards, SVGS 3 gun projection systems, LCD panels and overheads. *Tony Spencer, Ray Caldwell, Davis Audio-Visual, Inc., 1140 South Richards Street, Salt Lake City, UT 84101, (801) 355-5402, FAX: (801) 355-5010, INTERNET: tspencer@aros.net*

EBSCO SUBSCRIPTION SERVICES
EBSCO Subscription Services is an international subscription agency with field

EXHIBITORS

Exhibit Area Map will be available at InfoFair '96

offices in 27 countries. As part of the EBSCO Information Services Group, we provide libraries with traditional subscription services, CD-ROM online services, remote database access, and full document delivery. *Tom Paolucci, EBSCO Subscription Services, 2801 Youngfield St. Suite 120, Golden, CO 80401-2264, (800) 727-1077, FAX: (303) 237-1752; INTERNET: tompaol@ebsco.com*

EXECUTRAIN/MICROSOFT

ExecuTrain will be showing Windows '95 and related products including ExecuTrain's new multimedia training tools to support these products. ExecuTrain provides computer training on desktop applications, networking and development tools. *Stacy McPherron, Derek Ward, 7090 S. Union Park Ave #650, Midvale, UT 84047, (801)) 561-8511, FAX: (801) 561-8549*

HARDEN ASSOCIATES MULTIMEDIA TRAINING RESOURCES

Harden Associates provides interactive solutions, support and custom development services to meet training objectives for our clients. We are a value-added reseller of *Quest 5.1*, multimedia authoring tools and several interactive training titles on issues such as Sexual Harassment, Customer Service, Diversity and Drug Awareness. *Spencer Harden, Dan Rector, Clint Goudie, Harden Associates, PO Box 9197, Salt Lake City, UT 84109, (801) 273-8602, FAX: (801) 272-9518, INTERNET: 72144.1522@compuserve.com*

HEALTH SCIENCES BOOKSTORE

A.D.A.M. (Animated Dissection of Anatomy for Medicine), *StatRef* on CD-ROM, *Franklin Digital Books* (including *PDR, Merck Manual, Manual of Medical Therapeutics* and *Harrison's Principles and Practice of Internal Medicine*), *TextStacks* (standard microbiology, pharmacology and pathology textbooks with multiple choice questions and answers on diskette) and *MAXX* (Little, Brown's medical reference CD-ROM) will be demonstrated. Copies of the new catalog of multimedia software available from the Health Sciences Bookstore will be available. *Lisa Lesyshen, Maryetta Tsukamotto, Health Sciences Bookstore, University of Utah, Building 528, (801) 581-2559, FAX: (801) 581-2559, INTERNET: gartha@ubs.ubs.utah.edu*

KNOWLEDGE WEAVERS MULTIMEDIA LIBRARY PROJECT

The Knowledge Weavers Multimedia Library Project incorporates individual multimedia events (digitized photographs, clip art, sounds, digital video, etc.) into a central database using the Library's Horizon Integrated Library System. Items in the Multimedia Library can be viewed or downloaded for faculty use in lectures, presentations, or computer-based learning programs. Health sciences faculty who wish to contribute to the Multimedia Library can use the services of the Knowledge Weavers team, which includes instructional designers, digital video experts, graphic artists and animators, and computer programmers. *Carol Cassidy, Susan Roberts, Knowledge Weavers Multimedia Library Project, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, (801) 581-3031, FAX: (801) 581-3632, INTERNET: sroberts@ecclab.med.utah.edu*

KUED MEDIA SOLUTIONS

KUED Media Solutions joins forces with several of its campus clients this year in exhibiting a variety of multimedia and World Wide Web projects. The software,

EXHIBITORS

Exhibit Area Map will be available at InfoFair '96

CDs and videodiscs offered by the Slice of Life Office for medical school education are demonstrated, including the latest release of *HyperBrain*, a core resource in neuroscience, and the internationally distributed videodisc encyclopedias, *Slice of Life* and *Slice of Brain*. The Moran Eye Center shows off its new cross-platform CD of the conference proceedings for the 2nd Great Basin Visual Science Symposium on "Physiological and Molecular Mechanisms of Retinal Function." The Center's web site is also showcased. KUED Media Solutions shares information on cataloguing and digitizing resource materials for use in many different educational disciplines, and will demonstrate its ongoing project, Utah Collections Multimedia Encyclopedia. *Paul E. Burrows, Mark Hanna, Marshall Johnson, Ciming Mei, Kevin Wald, Mike Thelin, Trish Goede, KUED Media Solutions, University of Utah, 160 Eccles Broadcast Center, (801) 581-7908, FAX:(801) 585-6105, INTERNET: pburrows@eddy.media.utah.edu*

MARRIOTT LIBRARY

Access to databases and services available via the Marriott Library's WWW and other gateways, including demonstrations of statewide full-text projects, and access to these resources from different platforms will be demonstrated. *Joe Potts, Kenning Arlitsch, Mike Hussey, Ann Marie Breznay, Marriott Library, University of Utah, (801) 581-3852, FAX: (801) 585-3464, INTERNET: abreznay@library.utah.edu*

OVID TECHNOLOGIES, INC.

Ovid Technologies provides local and Internet access to the latest medical and scientific literature in bibliographic and full-text (including image) format. Ovid databases may be accessed using the Ovid World Wide Web Gateway and when combined with the Ovid Client/Server system, will allow for full access to Z39.50 servers throughout the world. Use Ovid to access MEDLINE, BIOSIS, and *Current Contents* with built-in links to the full-text version of the world's leading prominent biomedical journals. *Joe Michalak, Tim Tamminga, Sean O'Doherty, Ovid Technologies, Inc., 114 Escalona Dr., Santa Cruz, CA 95060, (408) 425-7477, FAX: (408) 425-7522, INTERNET: joem@ovid.com*

RESEARCH INFORMATION SYSTEMS

Research Information Systems provides software and information tailored to the needs of researchers and information professionals. *Reference Update* and *Reference Manager* provide the solution to your information and bibliographic needs. *Reference Manager* allows you to create a database of reference information and easily prepare bibliographies for publication. *Reference Update* is a comprehensive and accurate current awareness subscription service which covers up to 1300+ life science journals. Free demonstration copies available for Microsoft Windows, DOS and Macintosh operating systems. *Nancy Matus, Research Information Systems, 2355 Camino Vida Roble, Carlsbad, CA 92009, (800) 722-1227, FAX: (619) 438-5573, INTERNET: risinfo@ris.risinc.com*

SILICON GRAPHICS

The *WebFORCE* Software Environment from Silicon Graphics sets a higher standard for creating and serving media-rich content. It gives you power to create more compelling content in less time, providing everything you need for creating, capturing, editing, and combining diverse digital media. *Richard Grossen,*

EXHIBITORS

Exhibit Area Map will be available at InfoFair '96

Michael Matheson, Silicon Graphics, 111 East Broadway, Suite 750, Salt Lake City, UT 84111, (801) 531-9070, FAX: (801) 531-9072, INTERNET: grossen@sgi.com

SPENCER S. ECCLES HEALTH SCIENCES LIBRARY

Come explore paths to electronic journals and other full-text resources via the World Wide Web! Bring a disk and we'll share our favorite Internet bookmarks. Information about other Eccles Library projects and services will also be available. *Mary M. McFarland, Jennifer Sanders, Mary E. Youngkin, Jeanne Le Ber, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, (801) 581-5534, FAX: (801) 581-3632, INTERNET: maryy@ecclab.med.utah.edu*

UNIVERSITY BOOKSTORE - COMPUTER SALES

University Bookstore offers educational discounts on computers, software, and accessories to University of Utah students, staff, and faculty. We will be exhibiting Macintosh and PC computers, as well as computer books and software. *Anthony Ford, Eddy Silvano, University Bookstore, University of Utah, Bookstore, (801) 585-6177, FAX: (801) 581-6443, INTERNET: esilvano@campnet.utah.edu*

UNIVERSITY OF UTAH COMPUTER CENTER

The Computer Center is a non-academic department that offers support to students, faculty, and staff. Some of our FREE services include a Help Line, e-mail accounts, seminars, dial-in modems and microcomputer labs. UUCC also administers department site-license software distribution. *Jay Deuel, Victoria Dockstader, Craig Bennion, Gordon Wakefield, Joseph Buchanan, Computer Center, University of Utah, 3440 MEB, (801) 581-8343, FAX: (801) 585-5549, INTERNET: jay@cc.utah.edu*

UNIVERSITY PRINTING SERVICE

University Printing Service will demonstrate online submission of copy jobs to a Docutech printing system on campus. *Julia Caldwell, John Richards, University Printing Service, University of Utah, 135 USB, (801) 581-6171, FAX: (801) 581-4359, INTERNET: jrichards@printing.utah.edu*

UTAH SUPERCOMPUTING INSTITUTE

The Utah Supercomputing Institute, soon to be renamed Center for High Performance Computing, provides large scale computer resources to facilitate advances in the field of computational science at the University of Utah. *Tim Burns, Utah Supercomputing Institute, University of Utah, 85 SSB, (801) 581-5172, FAX: (801) 585-5366, INTERNET: tim@osiris.usi.utah.edu*

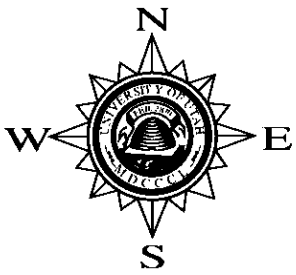
WISE MEDICAL SYSTEMS, INC.

Wise-Med is a mobile clinical informational system designed to support the full spectrum of patient information and clinical decision support for providers at the "moment-of-care." *Wise-Med* utilizes voice, pen, a Windows interface to departmental systems, and a lightweight (less than 3 pounds) hand-held computer designed for clinicians in the context of a wireless, mobile, client/server network. *Mary Moten, Wise Medical Systems, 130 Knowles Drive, Los Gatos, CA, (310) 410-0763, FAX: (310) 410-1744*

EXHIBITORS

Exhibit Area Map will be available at InfoFair '96

DIRECTIONS

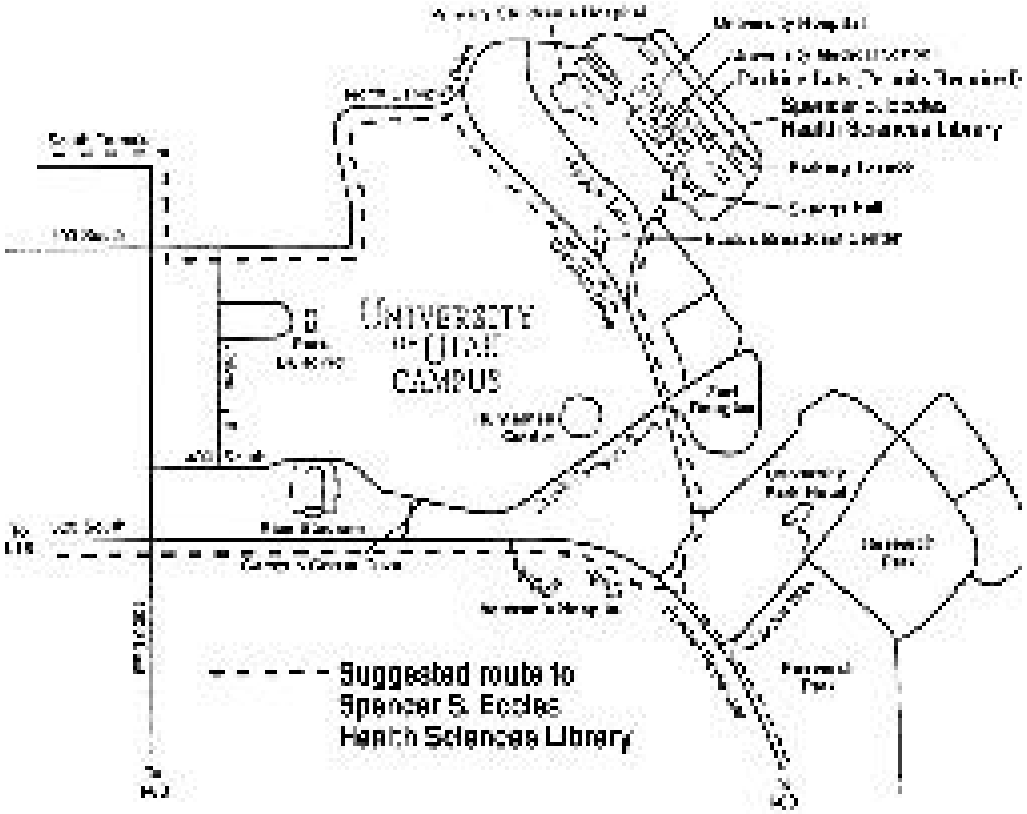


XMISSION INTERNET

Utah's largest commercial Internet Service Provider, providing services for business and individuals. How to use the Internet for business success will be the focus of this exhibit. *John Webster, Pete Ashdown, Sue Ashdown, Bill Swinyard, Jason Kohles, XMission Internet, 51 East 400 South, Suite 200, Salt Lake City, UT 84111, (801) 539-0852, FAX: (801) 539-0853, INTERNET: john@xmission.com*

The Spencer S. Eccles Health Sciences Library is located on the University of Utah Health Sciences Center Campus just south of the University Hospital/School of Medicine Building and northeast of the Nursing Building. The George and Dolores Eccles Institute of Human Genetics is located southeast of the Library. Signs on Wasatch Drive and North Medical Drive mark the route to the Spencer S. Eccles Health Sciences Library. A brochure on "Transportation to Eccles Library" is available by calling (801) 581-5534 or via the web at: **http://www-medlib.med.utah.edu/infofair/trans.pdf**

Parking at the University is quite a challenge at times. Parking passes are available from the Parking Services Office located on the west side of Wasatch Drive. Come



early as parking spaces fill up quickly! For a parking brochure or further information about parking at the University of Utah, contact Parking Services at (801) 581-6415. Parking Service Office hours are: 7:30 am - 5:00 pm Monday - Friday. The University Department of Parking and Transportation Services provides free shuttles across campus from 6:00 am to 6:00 pm Monday - Friday. Contact Shuttle Customer Service (801) 581-4189 for details. The Utah Transit Authority (UTA) serves the University of Utah with 21 direct routes including two express routes from Weber and Utah counties. Call UTA at (801) 287-4636 for details and schedule information.

THE CLIFFORD C. SNYDER, M.D. AND MARY SNYDER LECTURESHIP

Dr. Clifford C. Snyder, Professor of Surgery, founded the Division of Plastic and Reconstructive Surgery at the University of Utah School of Medicine in 1967 and served as chair of that division until 1985 when he was appointed Professor Emeritus of Surgery and Associate Dean of the School of Medicine. Throughout his career, Dr. Snyder has been an ardent supporter of the library. Dr. Snyder's endowment of The Clifford C. Snyder, M.D. and Mary Snyder Lectureship provides funding for the featured presentation at InfoFair.

SPECIAL ASSISTANCE PROVIDED BY

The Staff of the Spencer S. Eccles Health Sciences Library
The George & Dolores Eccles Institute of Human Genetics
The University of Utah Computer Center
University of Utah Printing Services
The University of Utah School of Medicine
- Department of Medical Informatics
- Office of Continuing Medical Education
- Office of Public Affairs

Associated Business Products
Microsoft Corporation
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COORDINATORS

Christopher R. Anderson, Exhibit Area and Network Coordinator
Niloofar Bakhti, Workshop Facilitators Coordinator
Bette J. Clayton, Financial Coordinator
Faye Hadley, Hospitality Coordinator
Nancy E. Litz, Equipment Coordinator
Wayne J. Peay, The Clifford C. Snyder, M.D. and Mary Snyder Lectureship Coordinator

REGISTRATION

INFOFAIR '96 is FREE. The "Advanced HTML," "Introduction to *JavaScript*," and "Finding Information on the Internet" workshops are **FULL**.

Registration is **NOT REQUIRED** for the presentations on "Medicine in the Computer Age," "The Digital Library," or "Electronic Journals on the Web." Seating for these presentations is on a first-come/first-served basis.

QUESTIONS

If you have questions about InfoFair, please contact us:

Reference Department
Spencer S. Eccles Health Sciences Library
University of Utah, Building 589
Salt Lake City, UT 84112
PHONE: (801) 581-5534 or 581-5269 or 581-8771
FAX: (801) 581-3632
INTERNET: joang@ecclab.med.utah.edu

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

Sessions are FREE unless otherwise indicated.

Classes for which a fee is charged require payment in advance to reserve your place in the class.

Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

The workshops and classes described below are presented on a regular basis by the faculty of the Spencer S. Eccles Health Sciences Library. Schedules are printed in the October, January, April and June issues of the *IAIMS Newsletter*. The Spring Quarter 1996 schedule is printed below. The schedule is also available electronically via the Library's Web site: **http://www-medlib.med.utah.edu/education/workshop.html**. Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

Sessions are FREE unless a charge is indicated. Classes for which a fee is charged require payment in advance to reserve a place in the class. Registration is on a first-come/first-served basis. **Please fill in the registration form below and return it to the library with your payment.** A postcard will be sent to confirm your registration. If for any reason you need to cancel, please call at least 48 hours in advance. Refunds will only be issued with 48 hours notice. Phone registration will be accepted only for classes that do not have a fee. To register for one of the free classes or for more information, call (801) 581-5534.

LOCATION: Computer Classrooms, Lower Level, Eccles Library (unless otherwise indicated).

Workshops and Classes Registration Form
Spencer S. Eccles Health Sciences Library
Bldg 589 / University of Utah / Salt Lake City, UT 84112

Please fill in the following information completely and return to the above address. Registration for classes is accepted by mail or in-person, and is on a first-come/first-served basis. Payment must accompany registration. Your registration will be confirmed by mail. Make check payable to: Eccles Library.

Name: _____ Phone: (w) _____ Phone: (h) _____
Address: _____
City/St/Zip: _____
Class name: _____
Class date: _____ Class time: _____ Cost of class: _____
❑ Yes! Send me a UU parking day pass for $2.50 Cost of parking: _____
Total enclosed: _____

Tours and Orientations

Tours and orientations are conducted to familiarize faculty, staff and students with library resources and services. Brief tours introduce users to information sources and location of library materials, and present an overview of available services. Detailed instruction in the use of compact disc databases, subject-specific sources, and other reference sources can be arranged. Contact instructor to arrange for a tour or orientation. Instructor: Jeanne M. Le Ber; (801) 581-5534; INTERNET: jeannele@ecclab.med.utah.edu.

Introduction to CD–ROM Databases

Participants learn the basic mechanisms for searching CD-ROM databases that

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

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are available at the Eccles Library. Databases include: Aidsline, Bioethicsline, CINAHL (Nursing & Allied Health Literature), HealthPlan, MEDLINE, Sport Discus, TOXLINE and PsycLIT. Arrangements can be made for a date and time that better suits your schedule. Instructors: Jeanne M. Le Ber; (801) 581-5534; INTERNET: jeannele@ecclab.med.utah.edu, or Patricia Arter; (801) 581-4686; INTERNET: parter@ecclab.med.utah.edu

Friday, April 5, 1996	2:00 pm - 3:00 pm
Monday, April 15, 1996	11:00 am - Noon
Friday, April 26, 1996	3:00 pm - 4:00 pm
Thursday, May 2, 1996	11:30 am -12:30 pm
Friday, May 10, 1996	2:00 pm - 3:00 pm
Wednesday, May 15, 1996	11:30 am - 12:30 pm
Friday, May 24, 1996	2:00 pm - 3:00 pm
Friday, June 7, 1996	2:00 pm - 3:00 pm

Basics of Searching MEDLINE on SilverPlatter CD-ROM

Designed as a follow-up to the introductory CD-ROM class, this 2.5 hour hands-on session gives a more in-depth look at the MEDLINE database via SilverPlatter software, including utilization of Medical Subject Headings, improving search efficiency, and the application of quality filters. Hands-on experience with both DOS and Windows versions provided. Free to students; $15 for all others. Contact the instructor to arrange for a class. Instructor: Mary E. Youngkin; (801) 581-5534; INTERNET: maryy@ecclab.med.utah.edu.

Basics of Searching MEDLINE on the NLM System

Participants learn the basics of searching MEDLINE online on the NLM system in this 8-hour, hands-on class, taught in two 4-hour segments. MeSH vocabulary and search strategy, as well as NLM online search protocols are included. $30 for U of U students, staff and faculty; $50 for all others. Contact the instructors to arrange for a class. Instructors: Mary E. Youngkin; (801) 581-5534; INTERNET: maryy@ecclab.med.utah.edu, or Nina E. Dougherty, (801) 581-8771; INTERNET: nina.dougherty@m.cc.utah.edu

Grateful Med

Grateful Med is the National Library of Medicine's searching software for accessing the MEDLARS databases in either an IBM compatible or Macintosh environment. Contact the instructor to arrange for a class. Instructor: Kathleen M. McCloskey; (801) 585-5743; INTERNET: kmc@ecclab.med.utah.edu.

Internet Overview

Location: Eccles Library, History of Medicine Room

This 3 hour demonstration-only class is designed to give you a basic overview of the Internet. The class will cover the history and development of the net, methods of accessing the Internet, an introduction to the basic tools, (including E-mail, Telnet, FTP, News, Gopher, and World Wide Web) and exploration of Internet resources. Recommended as a prerequisite for hands-on Internet classes. No registration required. Instructors: Joan M. Gregory; (801) 581-5269;

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

Sessions are FREE unless otherwise indicated.

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Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

INTERNET: joang@ecclab.med.utah.edu, or Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu.

Wednesday, April 17, 1996 PC 9:30 am -NOON

Communicating on the Internet

Internet communication tools allow you to communicate with people in the next room as easily as with people all over the world. This course examines the major Internet communication tools which include electronic mail, electronic discussion groups, and newsgroups. Participants get hands-on practice. The *Eudora* e-mail package and the *Netscape* newsreader are the software tools used. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu, or Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu.

Wednesday, April 24, 1996 PC 9:30 am - NOON

Finding Information on the Internet

Learn how to search for the information you need on the Internet using *Netscape*. This class explains how to navigate the Internet using *Netscape* and offers instruction and hands-on practice in how to use YAHOO, WebCrawler, and other Internet searching tools to find the Internet resources you need. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ ecclab.med.utah.edu, or Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu.

Friday, May 3, 1996 PC 9:30 am - NOON

Introduction to HTML

Learn how to create documents to be served over the World Wide Web using the HyperText Markup Language (HTML). This course will cover the basics of HTML coding as well as good document design practices. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu, or Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu

Tuesday, May 7, 1996 PC 9:00 am - NOON

Advanced HTML

This hands-on workshop will cover several advanced HTML features including forms, tables, and imagemaps. Participants will practice using existing CGI scripts, such as CGIEMAIL, to receive input from forms. Prerequisite: Knowledge of basic HTML. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructor: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu

Friday, May 10, 1996 PC 9:30 am - NOON

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

Sessions are FREE unless otherwise indicated.

Classes for which a fee is charged require payment in advance to reserve your place in the class.

Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

Introduction to *JavaScript*

JavaScript is an easy to use scripting language for programming interactivity into Web pages. This hands-on class will introduce participants to basic *JavaScript* programming. Prerequisite: Knowledge of basic HTML and experience with another scripting language such as HyperTalk or dBase. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructor: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu

Friday, June 14, 1996 PC 9:30 am - NOON

Creating Educational Presentations Using *PowerPoint*

Learn how to use *PowerPoint 4.0* to create slide presentations on the computer. This course will cover basics of *PowerPoint*, good design practices, and techniques for using multimedia in your *PowerPoint* presentations. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu

Tuesday, May 14, 1996 PC 9:00 am - NOON

Bibliographic Management

Learn to manage your reprint files and create properly formatted bibliographies for your publications using either *Papyrus* or *EndNote*. Instructor: Jeanne M. Le Ber; (801) 581-5534; INTERNET: jeannele@ecclab.med.utah.edu.

***EndNote* for the Macintosh**
Thursday, May 9, 1996 3:00 pm - 5:00 pm

***Papyrus* for the PC**
Wednesday, May 15, 1996 3:00 pm - 5:00 pm

Using the National Center for Health Statistics Data Tapes

The National Center for Health Statistics is a central source of health-related data in the U.S.A. Learn to access the NCHS data tapes at the University of Utah. Contact the instructor to arrange for a class. Instructor: Dr. Mike Lincoln; (801) 581-4080; INTERNET: mlincoln@msscc.med.utah.edu.

Medical Center/Small Computer Users Group

Location: Classroom C, School of Medicine Building

MC/SCUG is an informal group of computer users who enjoy keeping informed about the latest developments in computer applications of all types. Monthly presentations focus on current topics of interest. No registration required. Coordinator: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu.

Wednesday, May 1, 1996 NOON - 1:00 pm
Wednesday, June 5, 1996 NOON - 1:00 pm

UUCC FREE SEMINARS

Spring 1996

All classes begin at NOON in 3465 MEB unless otherwise indicated.

The University of Utah Computer Center offers **FREE** Seminars for students, faculty and staff of the University of Utah. No preregistration is required, but seating is limited. Information is not specific to any particular platform, unless indicated. Each seminar includes a lecture on the indicated topic, followed by hands-on experience and/or questions on any topic. Seating is first-come/first-served. All classes start at NOON in 3465 MEB, unless otherwise indicated.

The electronic version of this schedule is available via the University of Utah Computer Center web site: **http://www.cc.utah.edu** (choose: Seminars). For further information, contact Jay Deuel, Computer Center, (801) 581-8343, Internet: jay@cc.utah.edu or the Computer Center Help Line at (801) 585-4357 (585-HELP).

April 1, 1996	Survey of *PowerPoint*
April 2, 1996	Internet History, Jargon and Etiquette
April 3, 1996	Survey of *MS Word 6*
April 4, 1996	Spinning A Web Home Page (setup, graphics, HTML)
April 8, 1996	Survey of PhotoShop
April 9, 1996	E-Mail: Basics
April 10, 1996	Survey of Windows 95 [Windows]
April 15, 1996	Modems & Dialup
April 16, 1996	Mac Tips [Macintosh]
April 17, 1996	Transferring Files via Modem
April 18, 1996	E-Mail: Basics
April 22, 1996	The Internet Client Kit [Windows]
April 24, 1996	The "Internet Client Kit" [Macintosh]
April 25, 1996	E-Mail: Pine
April 29, 1996	World Wide Web
April 30, 1996	NewsGroups
May 1, 1996	Netscape Navigator and Interesting URLs
May 2, 1996	E-Mail: *Eudora* [Macintosh]
May 6, 1996	Gopher, Jughead and Veronica
May 7, 1996	Archie & FTP
May 8, 1996	Spinning A Web Home Page (setup, graphics, HTML)
May 9, 1996	E-Mail: *Pegasus* [Windows] **Rm. 304B Marriott Library**
May 13, 1996	HTML (part 1)
May 14, 1996	Basic UNIX Commands
May 15, 1996	HTML (part 2)
May 16, 1996	PGP: Pretty Good Privacy
May 20, 1996	Computers and the "Americans with Disabilities Act"
May 21, 1996	CGI: Common Gateway Interface
May 22, 1996	E-Mail: Basics
May 23, 1996	CGI Programming and HTML Forms

UUCC SHORT COURSES

Registration Information

The University of Utah Computer Center (UUCC) offers a variety of short courses. Register **IN PERSON** at the facility where the course is scheduled to be taught. Courses are free to registered students. A fee of $15 per course is charged for staff, faculty and their spouses. The fee for non-University of Utah participants is $50 per session. Courses are offered at the Computer Center (801) 581-6802, Marriott Library (801) 581-6494, and the Spencer S. Eccles Health Sciences Library (801) 581-8052. Courses may be cancelled unless there are at least 5 people registered 2 hours before class time or if there are fewer than 5 in attendance at class time. [Classes at Eccles Library are highlighted in **bold** type.]

The electronic version of this schedule is available via the University of Utah Computer Center web site: **http://www.cc.utah.edu** (choose: Short Courses). For further information, contact Jay Deuel, Computer Center, (801) 581-8343, Internet: jay@cc.utah.edu or the Computer Center Help Line at (801) 585-4357 (585-HELP)

UUCC MAC SHORT COURSES

Macintosh Classes

304A Marriott Library
3465 Merrill Engineering Building

All courses listed with an ID number greater than 01 require "Introduction To The Mac" knowledge.

M00 Computer Fundamentals Learn how to take advantage of the various computer facilities and short courses at the University of Utah.

April 2, 1996	9:55am-11:50am	304A Marriott
April 3, 1996	2:15pm-4:10pm	3465 MEB
April 9, 1996	9:55am-11:50am	304A Marriott
April 30, 1996	2:15pm-4:10pm	304A Marriott

M01 Introduction To The Mac Fundamental concepts used in all Macintosh programs. Items covered include System, Finder, Windows, mouse, icons, menus, edit, save, open, print, etc. Take this class first, as the knowledge covered is a prerequisite for all other courses taught on the Macintosh.

April 4, 1996	9:55am-11:50am	304A Marriott
April 8, 1996	2:15pm-4:10pm	304A Marriott
April 15, 1996	2:15pm-4:10pm	304A Marriott
April 23, 1996	2:15pm-4:10pm	304A Marriott
April 29, 1996	2:15pm-4:10pm	3465 MEB
May 2, 1996	9:55am-11:50am	3465 MEB

M05 Claris Works (Word Processing) Using "Claris Works" to do basic word processing. Items covered include editing text, formatting paragraphs, tabs, changing font types, styles and sizes, headers, footers, footnotes. Prerequisite: "Introduction To The Mac" course knowledge.

April 10, 1996	2:15pm-4:10pm	304A Marriott
May 1, 1996	2:15pm-4:10pm	3465 MEB

M15 MS Word 5.1 (part 1) Basic word processing operations. Topics include tabs, margins, page numbering and page preview. Prerequisite: "Introduction To The Mac" course knowledge.

April 22, 1996	2:15pm-4:10pm	304A Marriott
May 14, 1996	9:55am-11:50am	304A Marriott

UUCC MAC SHORT COURSES

Registration information on page 19.

M16 MS Word 5.1 (part 2) Intermediate features. Topics include spell checking, footnotes, and multiple columns. Prerequisite: "MS Word 5.1 (part 1)" course.

April 24, 1996	2:15pm-4:10pm	304A Marriott
May 16, 1996	9:55am-11:50am	304A Marriott

M24 Moving To MS Word 6.0 Tips on moving from MS Word 5.1 to 6.0. Prerequisite: Familiarity with MS Word 5.1.

April 25, 1996	9:55am-11:50am	3465 MEB

M25 MS Word 6.0 (part 1) Basic word processing operations. Topics include tabs, margins, page numbering and page preview. Prerequisite: "Introduction To The Mac" course information.

April 9, 1996	9:55am-11:50am	3465 MEB

M26 MS Word 6.0 (part 2) Intermediate features. Topics include spell checking, footnotes, and multiple columns. Prerequisite: MS Word 6.0 (part 1)

April 16, 1996	9:55am-11:50am	3465 MEB

M27 MS Word 6.0 (part 3) Advanced features. Topics include built-in styles, tables, and paragraphs. Prerequisite: MS Word 6.0 (part 2).

April 18, 1996	9:55am-11:50am	3465 MEB

M33 Scanning Text & Images An introduction to the scanning of text and images and associated scanning software including *Ofoto, Photoshop*, and *OmniPage*. Prerequisite: "Introduction To The Mac" course knowledge.

May 8, 1996	2:15pm-4:10pm	3465 MEB

M35 Photoshop (part1) An introduction to *Adobe Photoshop 3.0* covering fundamental techniques and concepts including elementary selection techniques, and an overview of the toolbox tools. Prerequisite: Course knowledge from "Introduction To The Mac."

May 7, 1996	9:55am-11:50am	3465 MEB

M36 Photoshop (part2) Describes advanced selection techniques and toolbox use, image manipulation and adjustment, masking, and filters. Prerequisite: "Photoshop (part 1)" course knowledge.

May 9, 1996	9:55am-11:50am	3465 MEB

M44 PowerPoint Introduction to powerful presentation techniques integrating text, graphics/images, sound, and video. Prerequisite: "Introduction To The Mac" course knowledge.

April 17, 1996	2:15pm-4:10pm	3465 MEB

M61 HyperCard Introduction *Hypercard* is a general purpose knowledge management tool. How to produce simple *HyperCard* applications. Prerequisite: "Introduction To The Mac" course knowledge.

April 22, 1996	2:15pm-4:10pm	3465 MEB

MAC SHORT COURSES

UUCC PC (WINDOWS) SHORT COURSES

Registration information on page 19.

M62 HyperCard Basic Scripting How to take advantage of *HyperCard* programming tools; this course does not require prior programming knowledge. Prerequisite: "*HyperCard* Introduction" course knowledge.

April 24, 1996	2:15pm-4:10pm	3465 MEB

PC (WINDOWS) Classes

304B Marriott Library
PC Lab, Lower Level, Eccles Library

All courses listed with an ID number greater than 01 require "Introduction To The PC" knowledge.

W00 Computer Fundamentals Learn how to take advantage of the various computer facilities and short courses at the University of Utah.

April 3, 1996	2:15pm-4:10pm	304B Marriott
May 1, 1996	2:15pm-4:10pm	304B Marriott

W01 Introduction To The PC Fundamentals of the PC (IBM Personal Computer), for those who have little or no experience with a computer. The information in this class is a prerequisite for all courses taught in the DOS and/or Windows environment. * This class is also listed as D01 (same information).

April 8, 1996	2:15pm-4:10pm	304B Marriott
April 11, 1996	7:00pm-9:00pm	304B Marriott
April 22, 1996	**9:00am-11:00am**	**Eccles Library**
May 6, 1996	2:15pm-4:10pm	304B Marriott

W02 Windows Introduction The Windows Graphical User Interface, for those with little or no experience. The Pull-Down Menus will be shown, and how to access features using a mouse and/or keyboard, via CUA (Common User Access). This also includes a discussion of hardware requirements. Suggested: "Introduction To The PC" course knowledge.

April 9, 1996	9:55am-11:50am	304B Marriott
April 10, 1996	2:15pm-4:10pm	304B Marriott
April 18, 1996	7:00pm-9:00pm	304B Marriott
April 24, 1996	**9:00am-11:00am**	**Eccles Library**
May 8, 1996	2:15pm-4:10pm	304B Marriott

W11 WordPerfect Introduction The fundamental system used in all versions of this powerful word processor, to create a document. Features include help, cursor, selecting text, save, open, and print. Prerequisite: "Windows Introduction" course knowledge.

April 16, 1996	2:15pm-4:10pm	304B Marriott
April 25, 1996	7:00pm-9:00pm	304B Marriott

W12 WordPerfect Editing Features such as spell, thesaurus, codes, bars, and find. Prerequisite: "WordPerfect Introduction" (Windows) course knowledge.

April 18, 1996	2:15pm-4:10pm	304B Marriott
May 2, 1996	7:00pm-9:00pm	304B Marriott

UUCC PC (WINDOWS) SHORT COURSES

Registration information on page 19.

W13 WordPerfect Format Features used in creating a report or thesis, such as tabs, margins, columns, footnotes, labels and page numbering. Prerequisite: "WordPerfect Introduction" (Windows) course knowledge.

April 23, 1996	2:15pm-4:10pm	304B Marriott
May 9, 1996	7:00pm-9:00pm	304B Marriott

W14 WordPerfect Graphics Simple desktop publishing features such as fonts, non-keyboard characters, lines, graphic images and utilities. Prerequisite: "WordPerfect Introduction" (Windows) course knowledge.

April 25, 1996	2:15pm-4:10pm	304B Marriott

W15 WordPerfect Tools Features such as macros, mail merge, sort, and tables. Prerequisite: "WordPerfect Introduction" (Windows) course knowledge.

May 2, 1996	2:15pm-4:10pm	304B Marriott

W21 MS Word 6.0 (part 1) Basic word processing operations. Topics include tabs, margins, page numbering and page preview. Prerequisite: "Windows Introduction" course knowledge.

April 29, 1996	**9:00am-11:00am**	**Eccles Library**

W22 MS Word 6.0 (part 2) Intermediate features. Topics include spell checking, footnotes, and multiple columns. Prerequisite: MS Word 6.0 (part 1) course knowledge.

April 30, 1996	**9:00am-11:00am**	**Eccles Library**

W23 MS Word 6.0 (part 3) Advanced features. Topics include built-in styles, tables, and paragraphs. Prerequisite: MS Word 6.0 (part 2) course knowledge.

May 2, 1996	**9:00am-11:00am**	**Eccles Library**

W33 Graphics Introduction Drawing tools used to create & edit figures, using *WP Presentations for Windows.* Also, bitmap vs. vector graphic images. Prerequisite: "Windows Introduction" course knowledge.

April 30, 1996	2:15pm-4:10pm	304B Marriott

W34 Presentation Graphics Create text, various charts, slide shows and multimedia items (sound & animation), using *WP Presentations for Windows*. Prerequisite: "Graphics Introduction" course knowledge.

May 7, 1996	2:15pm-4:10pm	304B Marriott

W44 PowerPoint Introduction to powerful presentation techniques integrating text, graphics/images, sound, and video. Prerequisite: "Windows Introduction" course knowledge.

April 15, 1996	9:55am-11:50am	304B Marriott

UUCC PC (DOS) SHORT COURSES

Registration information on page 19.

PC (DOS) Classes

304B Marriott Library

All courses listed with an ID number greater than 01 require "Introduction To The PC" knowledge.

D00 Computer Fundamentals Learn how to take advantage of the various computer facilities and short courses at the University of Utah.

April 2, 1996	9:55am-11:50am	304B Marriott
April 16, 1996	9:55am-11:50am	304B Marriott

D01 Introduction To The PC Fundamentals of the PC (IBM Personal Computer), for those who have little or no experience with a computer. The information in this class is a prerequisite for all courses taught in the DOS and/or Windows environment. * This class is also listed as W01 (same information).

April 4, 1996	9:55am-11:50am	304B Marriott
April 16, 1996	7:00pm-9:00pm	304B Marriott
April 18, 1996	9:55am-11:50am	304B Marriott

D02 DOS Introduction A hands on approach to understanding the disk directory structure. This will aid in program use, organizing files, and directory navigation in DOS & Windows. Anyone who owns a PC should take this class. Prerequisite: "Introduction To The PC" course knowledge.

April 25, 1996	9:55am-11:50am	304B Marriott
April 30, 1996	7:00pm-9:00pm	304B Marriott

D03 DOS Commands Survey of common DOS commands used in file, directory and system management. Anyone who owns a PC should take this class. Prerequisite: "Introduction To The PC" course knowledge.

May 2, 1996	9:55am-11:50am	304B Marriott
May 7, 1996	7:00pm-9:00pm	304B Marriott

MARRIOTT LIBRARY SHORT COURSES

Spring 1996

Marriott Library offers short courses on the use of electronic databases (including Lexis/Nexis, FirstSearch, UMI Periodical Abstracts and InfoTrac), Internet tools (such as Listservs, Newsgroups, Telnet, Archie and FTP, Gopher, and the World Wide Web) and electronic sources in various subject areas. All short courses are one hour in length and are held in Room 464 of the Marriott Library unless otherwise noted.

The Spring 1996 schedule is printed here but is also available via Marriott Library's web site **http://www.lib.utah.edu/instruction/spring96.html** For further information, contact Kenning Arlitsch, Technology Instruction Librarian, (801) 585-3721, INTERNET: karlitsc@alexandria.lib.utah.edu

MARRIOTT LIBRARY SHORT COURSES

Spring 1996

MAGAZINE AND NEWSPAPER INDEXES

Introduction to Electronic Searching (focus on science & engineering)
April 10, 1996 (Wednesday) 2-3:30 pm

UNIS (Marriott's Online Catalog)
April 9, 1996 (Tuesday) 3 pm
April 18, 1996 (Thursday) 4 pm
May 6, 1996 (Monday) 11 am

InfoTrac CD-ROM Databases (Our most popular indexes)
April 10, 1996 (Wednesday) 11 am

Social Sciences Medley (*Social Sciences Index, PsycLit, Sociofile, Social Work Abstracts, ERIC*)
April 8, 1996 (Monday) 10 am
May 1, 1996 (Wednesday) 3 pm

Lexis/Nexis (Huge full-text online database)
April 15, 1996 (Monday) 11 am
May 1, 1996 (Wednesday) 11 am
May 6, 1996 (Monday) 11 am

FirstSearch (Group of 12 online indexes)
April 17, 1996 (Wednesday) NOON

FirstSearch for Science & Engineering
April 9, 1996 (Tuesday) 2-3:30 pm

Databases for Business (Periodical indexes)
April 23, 1996 (Tuesday) 3-4:30 pm
May 21, 1996 (Wednesday) 2-3:30 pm

Advanced Databases for Physical Sciences and Engineering (*Inspec, Compendex, Chemical Abstracts*)
April 24, 1996 (Wednesday) 2-3:30 pm

Advanced Databases for the Life Sciences (Cambridge Life Sciences, BIOSIS, MEDLINE)
May 8, 1996 (Wednesday) 2-3:30 pm

Tanner Room Special (come and enjoy this lecture/tour of Special Collections)
April 11, 1996 (Thursday) NOON
May 7, 1996 (Tuesday) 6 pm

HANDS-ON CLASSES

Registration is **required** for the hands-on component of the class because we have only 15 computers. All Internet classes except **HTML** have lecture portions. If you don't register you may still attend the lecture. You may also double up on a computer with a friend, but you must arrange this **prior** to the class. Except for the HTML classes (which will meet directly in the lab), we will meet in Room

MARRIOTT LIBRARY SHORT COURSES

Spring 1996

462 for a 45-60 minute lecture. Following the lecture we will move to the 3rd floor PC lab in the Marriott Library Microcomputer Center (MLMC), where we will spend the second hour gaining hands-on experience with the topic we have just discussed.

To register contact Kenning Arlitsch, Technology Instruction Librarian, (801) 585-3721, INTERNET: karlitsc@alexandria.lib.utah.edu

INTERNET TOPICS (All Internet classes are hands-on class)

Introduction to the Internet (Internet tools and how to get around)
April 16, 1996 (Tuesday) 4-6 pm
April 16, 1996 (Tuesday) 6-8 pm
April 23, 1996 (Wednesday) 6-8 pm

World Wide Web (Navigate WWW with *Netscape*)
April 17, 1996 (Wednesday) 2-4 pm
April 22, 1996 (Monday) 10 am-NOON
May 9, 1996 (Thursday) 1-3 pm
May 14, 1996 (Tuesday) 6-8 pm

FTP and Archie (Finding and transferring files)
April 25, 1996 (Thursday) 3-5 pm

HTML (Writing WWW home pages)
April 23, 1996 (Tuesday) NOON-2 pm
April 26, 1996 (Friday) 10 am-NOON
May 13, 1996 (Monday) 6-8 pm

MEDICAL INFORMATICS SEMINARS

Spring 1996

Tuesdays, NOON - 1:00 pm

Classroom B (Gates Lecture Hall), School of Medicine Building

The Medical Informatics Seminar schedule is available electronically on the World Wide Web (**http://www.med.utah.edu/medinfo/seminar.html**).

April 2, 1996
Ping Wang, Graduate Student, Department of Medical Informatics
An Outcome Measurement Tool for Quality Improvement

April 9, 1996
Matt Sailors, Graduate Student, Department of Medical Informatics
Topic: to be announced

April 16, 1996
Derrick Albright, Graduate Student, Department of Medical Informatics
Knowledge Management and Knowledge Reuse with HELP Pharmacy Alert MLMs

April 23, 1996
Brian Chapman, Graduate Student, Department of Medical Informatics
Assessment of Vessel Visibility in MRA Using Signal Detection Theory

MEDICAL INFORMATICS SEMINARS

Spring 1996

Tuesdays, NOON - 1:00 pm

April 30, 1996

Karen Abston, Graduate Student, Department of Medical Informatics
Application of Unsupervised Classification on a Clinical Database

May 7, 1996

Mike Ekstrom, Graduate Student, Department of Medical Informatics
Quality Control in Clinical Transcription Systems

May 14, 1996

Joe Dalto, Graduate Student, Department of Medical Informatics
Impact of Automated Data Collection from Infusion Pumps on ICU Units

LIBRARY SERVICES NEWS

Telnet and Updated Windows and Macintosh Access To Eccles Library Online Catalog Now Available

The Horizon Online Catalog is a computerized index to library materials owned by the Spencer S. Eccles Health Sciences Library, the Hope Fox Eccles Clinical Library, and participating members of the Utah Health Sciences Library Consortium (UHSLC). It contains records of books, journal titles and holdings, audiovisuals, University of Utah Health Sciences theses, and government documents.

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telnet address:	library.med.utah.edu
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Deadline and Mailing List

The purpose of the *IAIMS Newsletter* is to keep the campus community informed on all aspects of computer and information technology as well as on the services provided by the Spencer S. Eccles Health Sciences Library. Articles on computer and information technology events, applications, services, education, etc. are welcome. To contribute articles to the *IAIMS Newsletter*, contact Joan M. Gregory at the address indicated below.

The deadline for the May 1996 issue of the *IAIMS Newsletter* is: April 15, 1996.

To be added to the electronic distribution list for the *IAIMS Newsletter*, send an e-mail message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe IAIMS**

To be added to the **printed** newsletter mailing list, send the following information to: Joan M. Gregory, Editor, *IAIMS Newsletter*, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. VOICE: (801)581-5269. FAX: (801)581-3632. INTERNET: joang@ecclab.med.utah.edu.

***IAIMS NEWSLETTER* MAILING LIST**

Please add my address to the **printed** *IAIMS Newsletter* Mailing List.

Name: _____

University of Utah Department: _____

University of Utah Campus Address: _____

Company/Institution: _____

Address: _____

_____

City: _____

State/Zip Code: _____

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University of Utah
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IAIMS NEWSLETTER

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MC/SCUG

Medical Center / Small Computer Users Group

Wednesday, May 1, 1996

NOON

THE VIRTUAL UNIVERSITY

Wayne J. Peay, Director, Spencer S. Eccles Health Sciences Library

Wayne Peay, Director of the Spencer S. Eccles Health Sciences Library and member of the Utah Steering Committee on The Virtual University will present an overview of The Virtual University Project including progress made and challenges encountered so far. Wayne will also describe the relationship between The Virtual University and the USHE Technology and Distance Education Initiative. A brief demonstration of "The Internet Navigator" will be presented as an example of a Virtual University course.

Come with your questions, your lunch and your friends to the May MC/SCUG meeting, Wednesday, May 1, 1996 at NOON in Classroom C, School of Medicine Building.

ABOUT THE MEDICAL CENTER SMALL COMPUTER USERS GROUP

MC/SCUG is an informal group of computer users who enjoy keeping informed about the latest developments in computer applications of all types. Monthly presentations focus on current topics of interest. There is no membership fee. You are welcome whenever you are able to come. MC/SCUG meetings are held on the first Wednesday of the month (except during April and during the Summer Quarter) in Classroom C, School of Medicine Building. If you would like more information about MC/SCUG or if you would like to suggest a topic for a MC/SCUG meeting, please contact Joan M. Gregory, Coordinator, MC/SCUG, Spencer S. Eccles Health Sciences Library, (801) 581-5269, INTERNET: joang@ecclab.med.utah.edu. If you are interested in receiving e-mail notification of future MC/SCUG meetings, send an e-mail message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe MCSCUG**

IN THIS ISSUE

MC/SCUG Meeting..... 1
Web Developers' Group Forming 2
InfoFair '96: The Report..... 2-3
InfoFair '96: The Video and "The Virtual InfoFair"..... 3-4
InfoFair '96: If You Did Not Attend 4
IAIMS Newsletter Deadline..... 4
InfoFair '96 Evaluation..... 5
Internet Basics**:** Finding Information On The Web: MetaCrawler..... 6
Internet Resources: Consumer Health Information Resources on The Web 7-8
Library Services News: Avoid Overdue Fines, Horizon Software Update 9
Outreach Services: Latest News from NLM 10
Library Services News: Requests Available via Online Catalog 10-11
IAIMS Newsletter Mailing List 12

WEB DEVELOPERS' GROUP FORMING

FrontPage Demonstration

Wednesday,
May 22, 1996
NOON - 1:00 pm
History of Medicine
Room, Eccles Library

The Spencer S. Eccles Health Sciences Library is forming a Web Developers' Group for faculty, staff and students who are interested in publishing on the World Wide Web to support education, research, and patient care. The purpose of the group will be to share information in this rapidly changing field; all levels of expertise are welcome. The group will be moderated by Sharon Dennis, Nancy Lombardo, and Joan Gregory of the Eccles Health Sciences Library.

The first meeting of the group will be Wednesday, May 22, from NOON - 1:00 pm in the History of Medicine Room of the Eccles Health Sciences Library. Sharon Dennis, Associate Librarian, Computer and Media Services, will demonstrate *FrontPage*, Microsoft's new HTML editing tool. *FrontPage* includes many advanced HTML features, including tables and frames. Open discussion will follow the presentation, so bring your questions and Web discoveries!

For more information, contact Sharon E. Dennis at (801) 585-3928, or e-mail her at sdennis@ecclab.med.utah.edu.

INFOFAIR '96

The Report

by
Joan M. Gregory,
Associate Librarian,
Technical Services,
Spencer S. Eccles
Health Sciences
Library

"Becoming Digital" was the theme of the University of Utah Health Sciences Center's fourteenth annual InfoFair which was held on Thursday, April 11, 1996. This event continued the tradition of providing Utah health professionals with up-to-date information on computer applications, resources and services as well as a glimpse into the future of computers and computing in the health sciences.

The Clifford C. Snyder, M.D. and Mary Snyder Lecture titled "Medicine in the Computer Age" highlighted changes in medicine over the past 30 years as computers have gradually been incorporated into medical research, patient care and teaching. In this presentation, Homer R. Warner, M.D., Ph.D., Professor and Department Chair, Department of Medical Informatics, and Chief Information Officer, Health Sciences Center, University of Utah, provided insight into a world of medicine before computers and the impact computers have had on the advancement of medical and medical informatics research. Funding for the featured presentation at InfoFair is provided by a generous donation made by Dr. Clifford C. Snyder and Mary Snyder.

Dr. Warner was joined by Nina E. Dougherty, M.S., Librarian, Research, Spencer S. Eccles Health Sciences Library; Clifford J. Drew, Ph.D., Coordinator of Instructional Technology, Office of the Vice President for Academic Affairs, and Professor, Special Education and Educational Psychology; Reed M. Gardner, Ph.D., Professor, Medical Informatics, School of Medicine and Co-Director, Medical Computing, LDS Hospital; and T. Samuel Shomaker, M.D., J.D., Assistant Dean, Medical Education and Minority Affairs, School of Medicine and Assistant Professor (Clinical), Anesthesiology as panelists on the Meet the Experts "Becoming Digital" Panel which immediately followed Dr. Warner's presentation. One hundred forty people attended the featured presentation and 73 attended the Meet the Experts "Becoming Digital" Panel Discussion which followed.

The afternoon presentations, workshops and demonstrations at InfoFair '96 offered a chance to see a real-time interactive telepathology system developed at

INFOFAIR '96

The Report

by
Joan M. Gregory,
Associate Librarian,
Technical Services,
Spencer S. Eccles
Health Sciences
Library

the University of Utah, learn how to find information on the Internet, provide information to others on the World Wide Web via HyperText Markup Language and *JavaScript*, become familiar with the ways that electronic journals in the health sciences are being made available on the Internet, and get a glimpse of the vision, status and implications of "digital libraries" including some under development in Utah. A total of 93 individuals attended workshops, presentations and demonstrations on the afternoon of InfoFair '96.

The exhibit area, located on the lower level of the Spencer S. Eccles Health Sciences Library, included 24 exhibits representing hardware and software vendors, database services, electronic publications, Internet service providers, University of Utah services and University of Utah developed computer applications. Of the 24 exhibits, 12 represented commercial vendors and 12 represented University of Utah developed applications or services.

Attendance at InfoFair is estimated based on the library's door count. The door count for InfoFair '96 was 1,477. For InfoFair '95, the door count was 1,509; for InfoFair '94, 1,422; and for InfoFair '93, 1,166.

Planning for InfoFair '97 has begun. Please fill out the evaluation form on page 5 of this issue of the *IAIMS Newsletter* to provide feedback and make suggestions for InfoFair '97.

INFOFAIR '96

The Video and "The Virtual InfoFair"

Even if you missed InfoFair '96, there are still several opportunities for you to take advantage of this event via videotape and/or the World Wide Web.

A videotape of the featured presentation and the meet the experts session is now available for checkout from Computer and Media Services at the Spencer S. Eccles Health Sciences Library. The call number is: VT3 96-24. Videotapes may be checked out for one week. Or, you may order your own copy of this videotape at $9.95 (plus shipping and handling: $3.50) from: Radio TV Services, AR112 Med Center, University of Utah, 50 North Medical Drive, Salt Lake City, UT 84132, (801) 581-7488. Checks should be made payable to: Radio TV Services.

In addition, you may read Dr. Warner's notes from the featured presentation, access the web sites of InfoFair '96 exhibitors or communicate with exhibitors via electronic mail, at "The Virtual InfoFair" which is now available via the Spencer S. Eccles Health Sciences Library Web site:

http://www-medlib.med.utah.edu/infofair/

The following is an outline of InfoFair information which is currently available. This page will continue to be updated throughout the year with additional exhibitors, links to exhibitors' Web sites, workshop presentation slides and/or handouts, the evaluation form, etc.

InfoFair '96 "Becoming Digital"
*The InfoFair '96 Program
*The People Involved

INFOFAIR '96

The Video and "The Virtual InfoFair**"**

*The Clifford C. Snyder, M.D. and Mary Snyder Lecture: "Medicine in the Computer Age"
*Homer R. Warner, M.D., Ph.D. Biographical Sketch
*"Medicine in the Computer Age" (Abstract)
*"Medicine in the Computer Age" (Lecture Notes)
*Infofair '96 Workshops, Presentations and Demonstrations
*Exhibit Area Map
*Information about Exhibitors

If you would like to suggest additional exhibitors for "The Virtual InfoFair" or have recommendations for improving this service, please contact: Joan M. Gregory, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. PHONE: (801) 581-5269. FAX: (801) 581-3632. INTERNET: joang@ecclab.med.utah.edu.

If you did not come to InfoFair '96, but would like to provide feedback on how to improve InfoFair in the future, PLEASE fill out the evaluation form on page 5 of this issue of the *IAIMS Newsletter* or send your comments/feedback/ recommendations to: Joan M. Gregory via mail, phone, fax, or electronic mail at the address indicated above.

IF YOU DID NOT ATTEND INFOFAIR '96

If you did not attend InfoFair '96, we are interested in knowing why. Was it scheduled on a day that was not convenient for your schedule? Was the theme not relevant to the work that you are doing? How might InfoFair be improved to meet YOUR needs?

PLEASE take a moment to fill out the evaluation form on the page 5 of this issue of the *IAIMS Newsletter* or send your comments/suggestions/recommendations to: Joan M. Gregory, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. PHONE: (801) 581-5269. FAX: (801) 581-3632. INTERNET: joang@ecclab.med.utah.edu.

IAIMS NEWSLETTER

Deadline

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The deadline for the June 1996 issue of the *IAIMS Newsletter* is: May 15, 1996.

The June issue will be the LAST issue of the 1995-1996 academic year.

INFOFAIR '96 EVALUATION

YOUR Feedback is Requested

InfoFair '96 Evaluation Form

1. Where do you work or go to school?
   [ ] University of Utah
   [ ] Faculty
   [ ] Staff
   [ ] Student
   [ ]Non-University of Utah
   Please specify: _____
   _____
   _____

2. College or department at the University of Utah:
   [ ] Health
   [ ] Medicine
   [ ] Nursing
   [ ] Pharmacy
   [ ]University Hospital
   [ ]Other _____
   _____
   _____

3. How did you learn about InfoFair?
   [ ] MC/SCUG
   [ ] IAIMS Newsletter
   [ ] Pulse
   [ ] InfoFair Brochure
   [ ]Poster
   [ ]from a friend/colleague
   [ ]other _____
   _____

4. What was the most valuable part of InfoFair for you?
   _____
   _____

5. What was the least valuable part of InfoFair for you?
   _____
   _____

6. Should the Eccles Library continue to present an annual InfoFair? [ ] YES [ ] NO Why?/Why not?
   _____
   _____

7. InfoFair is USUALLY held on the second Thursday of the Spring Quarter each year. However, this may not be ideal for everyone. What is your recommendation for scheduling InfoFair '97?
   [ ] don't have an InfoFair in 1997
   [ ] second Tuesday of Spring Quarter
   [ ] second Wednesday of Spring Quarter
   [ ] first Thursday of Spring Quarter
   [ ] during the Quarter break
   [ ] other, please specify _____

8. Additional comments:
   _____
   _____

Please return this form to: Joan M. Gregory, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. PHONE: (801) 581-5269. FAX: (801) 581-3632. INTERNET: joang@ecclab.med.utah.edu.

THANK YOU!

INTERNET BASICS

Finding Information On The Web: MetaCrawler

by
Nancy T. Lombardo, Affiliate Librarian, Internet Services, Spencer S. Eccles Health Sciences Library

A new type of search service, the **Meta Index**, is becoming popular on the Internet. A Meta Index has the advantage of allowing you to enter a single set of search terms and have them run simultaneously in several of the leading search engines. This saves you the trouble of manually going to each search service and re-entering the search.

MetaCrawler (http://metacrawler.cs.washington.edu:8080/) is one such service. This Meta Index is still experimental, but holds great promise for saving time and making our Internet searches more efficient. Currently, MetaCrawler allows you to simultaneously search the popular AltaVista, Excite, Galaxy, Infoseek, Inktomi, Lycos, WebCrawler and Yahoo indexes and directories. MetaCrawler submits your query to each search engine, selects only the top 10 hits from each search engine's results, removes the duplicates and invalid URLs, then presents a listing of the resources located.

Search Techniques Available

MetaCrawler allows some configuration of your search strategy. You can specify that a set of words should be considered as a phrase by using parentheses around it. The + in front of a word tells MetaCrawler that the term must be present in the document and the - indicates the term must not be present in the document.

Examples:

(Black Hawk) +bird	Find the phrase "black hawk" and the term "bird"
(Mountain Climbing) -Colorado	Find the phrase "Mountain Climbing" but not "Colorado"

Further search narrowing can be achieved by selecting a region of the Internet and an Internet site type to be searched. In this way, for example, you could specify that your search be limited to Educational sites in North America.

Drawbacks

Because this site is still experimental, there are times when it is too busy or unavailable. Some searches with many terms and query conditions are slow to process. Still, the Meta Index provides hope for fast efficient searching in the future.

INTERNET RESOURCES

Consumer Health Information Resources on The Web

by Jeanne M. Le Ber, Assistant Librarian, Instructional and Information Management Services, Spencer S. Eccles Health Sciences Library

There is a plethora of resources on the Internet that relate to consumer health information and issues. Use a search engine such as Yahoo, Alta Vista or Magellan to search "consumer health." The resulting list leads the searcher to dozens of web pages. For information on a specific health condition, try searching for that condition; for example search "heart disease." There are also a number of web and gopher sites that offer access to full-text patient education materials. The following sites are just a few of the many available on Internet.

Alternative Medicine Home Page
The Alternative Medicine Home Page is produced by the Falk Library of the Health Sciences at the University of Pittsburgh. This page is a resource for information on unconventional, unorthodox, unproven, or alternative, complementary, innovative and integrative therapies. Links are provided to book reviews, directories, discussion groups, electronic journals, gophers, newsletters, organizations and other Internet resources.
http://www.pitt.edu/~cbw/altm.html

Atlanta Reproductive Health Centre
The Atlanta Reproductive Health Centre provides information about women's reproductive health. Topics addressed include pregnancy and childbirth, ovulation and hormone problems, infertility, reproductive surgery, endometriosis, and menopause. Dr. Mark Perloe, MD, PC produces this page.
http://www.ivf.com//index.html

Breast Cancer Information Clearinghouse
The Breast Cancer Information Clearinghouse is maintained by the New York State Education and Research Network and is a partnership of 14 organizations ranging from the American Cancer Society (NYS Division) to the Y-ME National Breast Cancer Organization. The purpose of this web server is to provide information for breast cancer patients and their families. Resources include *Bone Marrow Transplants*, a book of basic facts for patients; publications for patients and the public from the National Cancer Institute; and information and publications from the American Cancer Society. Links point to 800 numbers and information hotlines, support groups, President Clinton's position, other medical servers, and upcoming events and conferences.
http://nysernet.org/bcic/

GulfLINK
The purpose of GulfLINK is to provide the public with recently-declassified documents that may have potential relevance to the illnesses affecting Persian Gulf War veterans. GulfLINK provides access to references and resources that address this subject and was created primarily as a database to be searched by users to retrieve desired information. GulfLINK also provides browsable indices of the documents in its collection.
http://www.dtic.dla.mil/gulflink/

Health*touch*®
This site contains links to:

- Drug Information, where you can look up information provided by Medi-Span® about prescription or over-the-counter medications.
- Pharmacy Search, which allows access to brief drug monographs.

INTERNET RESOURCES

Consumer Health Information Resources on The Web

by Jeanne M. Le Ber, Assistant Librarian, Instructional and Information Management Services, Spencer S. Eccles Health Sciences Library

- Health Resource Directory, which lists the health organizations and health government agencies that provide information on Healthtouch®.
- Health Information links to information on health, wellness, diseases, and illnesses on subjects such as AIDS, allergy, asthma, dental health, diet and nutrition, drug and alcohol abuse, eye diseases, eating disorders, family planning, headaches, mental health, poison prevention, and sexually transmitted diseases.

http://www.healthtouch.com/

UCI Heart Disease Prevention Program

This site is sponsored by the University of California at Irvine. Their Heart Disease Prevention Program conducts research, educational programs, and provides clinical services aimed at the prevention, early detection, and reversal of coronary heart disease in adults, children, and the elderly. Links are provided to the American Heart Association's Heart and Stroke Facts and sources discussing cigarette smoking, hypertension, obesity and weight management, physical fitness, and women and heart disease.
http://www.reg.uci.edu/UCI/CARDIOLOGY/PREVENTIVE/

International Myeloma Foundation

The International Myeloma Foundation (IMF) is a private non-profit organization dedicated to education, treatment and research in multiple myeloma. Background information about multiple myeloma, cancer of the bone marrow, helps the health consumer understand this condition more clearly. Categories of links include patient seminars, support groups, a newsletter titled *Myeloma Today*, publications available for order, clinical meetings, and other related resources.
http://www.comed.com/IMF/imf.html

National Institute of Diabetes and Digestive and Kidney Disease

The National Institute of Diabetes and Digestive and Kidney Disease site contains patient information documents on diabetes, digestive diseases, endocrine disorder, kidney disorders and urologic disorders, and links to other information sources. In addition, research information for biomedical investigators, recent news releases for the media and public, and other sources of U.S. Government health information are included at this site. This site is sponsored and maintained by the National Institute of Diabetes and Digestive and Kidney Disease of the National Institutes of Health (NIH).
http://www.niddk.nih.gov/

A recent issue of *M.D. Computing* (vol. 12 no. 5, 1995) has compiled an extensive list of patient education materials available on the Internet. Sources are arranged by broad subject and then by title. Providers of this information include the National Institute of Diabetes and Digestive and Kidney Disease, the Agency for Health Care Policy and Research, the University of Illinois at Urbana-Champaign, individual state health departments and others.

As with all electronic resources, the user is cautioned to question the quality of specific sites and the validity of the information provided. Use of the Internet does not substitute for a consultation with a health care professional.

LIBRARY SERVICES NEWS

Avoid Overdue Fines: Renew your BOOKS on the Internet.

Renewal of library materials is now possible by e-mail or on the Eccles Library Web Page. Books, documents, and theses may be renewed two times, unless the item has been requested by another person. Journals may not be renewed. If your renewal cannot be processed for any reason, you will be contacted by the Circulation Department.

To renew by e-mail, send a message with your name, Social Security or ID barcode number, and your e-mail address or phone number to: renew@ecclab.med.utah.edu.

To renew on the World Wide Web, fill out the form located on the Eccles Library Home Page at http://www-medlib.med.utah.edu/renew/renew.html.

Questions? Contact the Circulation Department, (801) 581-8772, INTERNET: amortensen@ecclab.med.utah.edu

LIBRARY SERVICES NEWS

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OUTREACH SERVICES

LATEST NEWS FROM NLM

by Kathleen M. McCloskey, Librarian, Outreach Services, Spencer S. Eccles Health Sciences Library

The January - April 1996, No. 288-289, *NLM Technical Bulletin* had some important news items to report:

ENTRY OF NEW CITATIONS INTO THE MEDLINE DATABASE SUSPENDED Due to a contract dispute, entry of new citations into the MEDLINE database was suspended as of February 26, 1996. NLM staff have been recruited to help input the daily average of 1,700 citations. NLM announced, "This message alerts you to the fact that the existing databases are not current. As of March 25, some 30,000 references to recently published journal articles are not included in the database. We are making every effort to address this emergency so as to minimize the effect on health care delivery and biomedical research."

1996 UPDATE FOR *GRATEFUL MED/LOANSOME DOC* The 1996 update for *Grateful Med/Loansome Doc* (version 6.7 for PC/DOS) will be mailed on about April 22nd. Version 2.3 for Mac will be mailed in May. Those of you who have the software be on the lookout for the new version. You may want to notify your mail room if the person receiving it last year is not the same person who should get it this year. NLM has also announced that along with the update will be a **reply card** for those who want to receive the first release of *Grateful Med for Windows*. NLM **cautions** searchers that the first release will only allow access to MEDLINE, its Backfiles and the Loansome Doc capability. You may want to wait until it is refined a bit more before switching.

***GRATEFUL MED* OVER THE INTERNET**. Also, NLM just announced the release of access to *Grateful Med* over the Internet. IGM, as it is called, is accessible over the World Wide Web via *Netscape Navigator 2.0* or higher, and offers a different package of databases than the DOS version of *Grateful Med*. NLM announced that "The initial version of IGM searches only MEDLINE and its Backfiles. It also offers links to NLM's Online Images from the History of Medicine and to NLM's HSTAT system for access to Clinical Practice Guidelines supported by the Agency for Health Care Policy and Research." To access IGM searchers must use *Netscape Navigator 2.0* or higher and should go to the following URL: *http://igm.nlm.nih.gov* More information on the use of IGM will be reported in this column in the future as IGM develops and is used by more searchers.

LIBRARY SERVICES NEWS

Requests Available via Online Catalog

It never fails. Every time you find the perfect article for your topic, the journal it's printed in is not on the shelf. It's not in the Circulation Department, and no one is copying it. You even walk around the library to see if someone is reading it and it's nowhere to be found. The biggest problem for you is that it's Monday, and your deadline is Thursday.

Don't waste your time hunting for journals or books in the library. Let the Circulation Department find it for you. Usually, missing items are located the same day, or within 48 hours, so you can even meet your deadline. If the item doesn't turn up in that length of time, we will recommend that you obtain the information through Interlibrary Loan.

Now, it is easier than ever to request a search. You can enter search requests using our Horizon Online Catalog. Staff is immediately alerted when the item is

LIBRARY SERVICES NEWS

Requests Available via Online Catalog

returned to the Circulation Desk to be reshelved. If it doesn't make its way back to Circulation, we actively search for the item that evening, and every day until it is found. We contact you by e-mail or phone before your deadline, whether or not we find the item you need. Once located, the item is held for you at the Circulation Desk with a time limit of 3 days for journals and 5 days for books, documents, and theses.

To Request a Search From the Horizon Online Catalog:

1. Find the item on the online catalog and highlight the copy to search.
2. Click the "Make Request" button and enter your ID number in the box. (This is the number that begins with 21114....on the back of your University ID or Eccles Library permit.) If you are not registered with Eccles Library, enter the word SEARCH.
3. Select the "This Copy Only" checkbox - THIS IS VERY IMPORTANT.
4. In the comment box, be sure to include:
   your name
   e-mail address (preferred) or phone number
   the latest date you can still use the item (your deadline) -
   (we will contact you before this date)
5. Click the "OK" button to send your search.

You may use this same method to request an item that is checked out, and we will contact you when it is returned.

IAIMS NEWSLETTER

Mailing List

To be added to the electronic distribution list for the *IAIMS Newsletter*, send an e-mail message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe IAIMS** To be added to the **printed** newsletter mailing list, send the following information to: Joan M. Gregory, Editor, *IAIMS Newsletter*, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. VOICE: (801)581-5269. FAX: (801)581-3632. INTERNET: joang@ecclab.med.utah.edu.

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MC/SCUG

Medical Center / Small Computer Users Group

Wednesday, November 6, 1996
NOON

Classroom C, School of Medicine Building

WEB ACCESS TO EMAIL:
POP, GROUPWISE AND THE FUTURE

David Druker

Senior Systems Analyst, Office of Information Resources,
University of Utah Hospitals and Clinics

Web browsers let you send and receive email while at work or remotely. Both *Netscape Navigator* and *Microsoft Internet Explorer* include Eudora-like POP clients, but Web access to LAN email systems like Novell GroupWise are also now available. This talk will demonstrate both technologies and provide a glimpse at changes coming soon.

Come with your questions, your lunch and your friends to the November MC/SCUG meeting, Wednesday, November 6, 1996 at NOON in Classroom C, School of Medicine Building.

ABOUT THE MEDICAL CENTER SMALL COMPUTER USERS GROUP

MC/SCUG is an informal group of computer users who enjoy keeping informed about the latest developments in computer applications. Monthly presentations focus on current topics of interest. There is no membership fee. You are welcome whenever you are able to come. MC/SCUG meetings are usually held on the first Wednesday of the month (except during the Summer Quarter) in Classroom B or C, School of Medicine Building or in the History of Medicine Room at Eccles Library. If you would like more information about MC/SCUG, please contact Joan M. Gregory, Coordinator, MC/SCUG, Spencer S. Eccles Health Sciences Library, (801) 581-5269, INTERNET: joang@ecclab.med.utah.edu. If you are interested in receiving email notification of future MC/SCUG meetings, send an email message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe MCSCUG**

IN THIS ISSUE

MC/SCUG Meeting..... 1
Web Developers Group..... 2
Library Services News: Library Hours, Course Reserves..... 2-3
Library Services News: Journal Deletions, Library Liaison Program..... 3-7
Slice of Life: What's New for '96 7-9
Medical Informatics Seminars Schedule 9
UUCC Internet and Computer Seminars and Short Courses 10-11
Accessing MEDLINE via MacSPIRS and WinSPIRS 11-14
IAIMS Newsletter Deadline and Mailing List..... 15

WEB DEVELOPERS GROUP

Homesite for Windows 95

Friday,
November 22, 1996
NOON - 1:00 pm
History of Medicine
Room, Eccles Library

The Web Developers Group is an informal group of faculty, staff and students who are interested in publishing on the World Wide Web to support education, research, and patient care. The purpose of the group is to share information in this rapidly changing field; all levels of expertise are welcome. The group will be moderated by Sharon Dennis, Nancy Lombardo and Joan Gregory of the Spencer S. Eccles Health Sciences Library.

The next meeting of the group will be on Friday, November 22, 1996 from NOON - 1:00 p.m. in the History of Medicine Room at the Spencer S. Eccles Health Sciences Library. Nancy T. Lombardo, Affiliate Librarian, Systems will demonstrate the nifty features of *Homesite for Windows 95*, an excellent, FREE, text-based 32-bit HTML editor.

For more information, contact Sharon E. Dennis, (801) 585-3928, INTERNET sdennis@ecclab.med.utah.edu; or Nancy Lombardo, (801) 581-5241, INTERNET: nlombardo@ecclab.med.utah.edu; or Joan M. Gregory, (801) 581-5269, INTERNET: joang@ecclab.med.utah.edu.

LIBRARY SERVICES NEWS

Library Hours

The Spencer S. Eccles Health Sciences Library begins Fall Quarter Break Hours December 13, 1996. These hours will be in effect through January 4, 1997. Regular hours resume Sunday, January 5, 1997.

Fall Quarter Break Hours December 13, 1996 - January 4, 1997

Friday, December 13, 1996	7:00 am - 5:00 pm
Saturday, December 14, 1996	9:00 am - 6:00 pm
Sunday, December 15, 1996	Closed

Monday, December 16, 1996 - Saturday, January 4, 1997

Monday - Friday	8:00 am - 5:00 pm
Saturday	9:00 am - 6:00 pm
Sunday	Closed

Wednesday, December 25, 1996, Christmas Day	Closed
Wednesday, January 1, 1997, New Years Day	Closed

Winter Quarter Hours January 5, 1997 - March 3, 1997

Monday - Thursday	7:00 am - 11:00 pm
Friday	7:00 am - 8:00 pm
Saturday	9:00 am - 8:00 pm
Sunday	11:00 am - 11:00 pm

LIBRARY SERVICES NEWS

Course Reserves

Now is the time to begin thinking about placing material (readings, books, tests, etc.) on reserve for your Winter Quarter courses. You may request that library books be placed on reserve as well as providing copies of materials not currently available in the library's collection. NOTE: only two copies of copyrighted materials (e.g., photocopies of journal articles) may be placed on reserve at any one time. There are several options available:

2 Hour Reserve - Two-hours use *in the library*.

24 Hour Reserve - Circulates out of the library for 24 hours.

Special Reserve - If you have special needs that don't fit the two categories above, contact Nancy Dymock to make special arrangements for your course reserves.

Forms for placing material on reserve are available from the Circulation Desk or by contacting Nancy. Please allow one working day for the materials to be placed on reserve. Also, one working day's notice is desired if materials need to be taken off reserve. Questions about Reserve polices may be directed to Nancy Dymock, Circulation, PHONE: (801) 581-8772, FAX: (801) 581-3632, EMAIL: nancyd@ecclab.med.utah.edu.

LIBRARY SERVICES NEWS

Eccles Library Journal Deletions

Due to budget cuts, the Spencer S. Eccles Health Sciences Library was asked to trim the journal budget by $45,000. The titles listed below were determined by surveys conducted over the summer as well as by library use statistics in consultation with library liaisons from departments throughout the health sciences campus. Questions and concerns may be directed to: Joan M. Stoddart, Deputy Director, Spencer S. Eccles Health Sciences Library, PHONE: (801) 581-8771, FAX: (801) 581-3632, EMAIL: joans@ecclab.med.utah.edu.

ECCLES LIBRARY JOURNAL DELETIONS FOR 1997

ACADEME /THE BULLETIN OF THE AAUP
ACTA ANATOMICA
ACTA CARDIOLOGICA
ACTA CYTOLOGICA
ACTA DERMATO-VENEREOLOGICA
ACTA HAEMATOLOGICA
ACTA HISTOCHEMICA ET CYTOCHEMICA
ACTA OPHTHAL SCAND-SUPP
ACTA RADIOLOGICA
AMERICAN JOURNAL OF HUMAN BIOLOGY *
AMERICAN JOURNAL OF ORTHODONTICS & DENTOFACIAL ORTHOPEDICS
AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY *
AMERICAN LIBRARIES
ANATOMICAL RECORD *
ANESTHESIA PROGRESS

LIBRARY SERVICES NEWS

Eccles Library Journal Deletions

APMIS : ACTA PATH MICRO IMMUNOL
APPLIED AND ENVIRONMENTAL MICROBIOLOGY
ATHEROSCLEROSIS
AUSTRALIAN NEW ZEALAND JOURNAL OF SURGERY
AUSTRALIAN NEW ZEALAND JOURNAL OF MEDICINE
BIOLOGICAL CHEMISTRY HOPPE SEYLER *
BIOTECHNIC & HISTOCHEMISTRY
CANADIAN ASSOCIATION OF RADIOLOGISTS JOURNAL
CATHETERIZATION & CARDIOVASCULAR DIAGNOSIS
CLINICA CHIMICA ACTA
CLINICAL PHYSIOLOGY
COMPUTER METHODS & PROGRAMS IN BIOMEDICINE
COMPUTERS IN LIBRARIES
COSMETICS AND TOILETRIES
CRYOBIOLOGY
DIAGNOSTIC MOLECULAR PATHOLOGY
DISSERTATION ABSTRACTS INTERNATIONAL
DOCUMENT IMAGING REPORT
DOCUMENTS TO THE PEOPLE
DRUG & COSMETIC INDUSTRY
ELECTROPHORESIS
EUROPEAN ARCH PSYCHIATRIC CLINICAL NEUROLOGY
EUROPEAN JOURNAL OF CLINICAL INVESTIGATION
EUROPEAN JOURNAL OF NUCLEAR MEDICINE
EXPERIMENTAL & CLINICAL IMMUNOGENETICS
EXPERIMENTAL GERONTOLOGY
FOOD AND DRUG LAW JOURNAL **
GENERAL PHARMACOLOGY
GENITOURINARY MEDICINE
HAWAII MEDICAL JOURNAL
INFORMED LIBRARIAN
INTERNATIONAL JOURNAL OF BIOCHEM CELL BIOLOGY *
INTERNATIONAL JOURNAL OF CARDIOLOGY
INTERNATIONAL JOURNAL OF GYNECOLOGICAL PATHOLOGY
INTERNATIONAL JOURNAL OF PHARMACEUTICS
INTERNATIONAL REVIEW OF CYTOLOGY/SO
JAPANESE JOURNAL OF PHARMACOLOGY
JOURNAL OF ANATOMY
JOURNAL OF CHILD AND YOUTH CARE
JOURNAL OF COMPUTATIONAL BIOLOGY
JOURNAL OF CONTEMPORARY PSYCHOTHERAPY
JOURNAL OF INDUSTRIAL MICROBIOLOGY
JOURNAL OF NEURAL TRANSMISSION
JOURNAL OF ORTHOMOLECULAR MEDICINE
JOURNAL OF PATHOLOGY/ DIAGNOSTIC HISTOPATHOLOGY
JOURNAL OF SUBMICROSCOPIC CYTOLOGY & PATHOLOGY
JOURNAL OF THE SOCIETY OF COSMETIC CHEMISTS
KANSAS MEDICINE
LIBRARIES AND CULTURE
LIBRARY SYSTEMS NEWSLETTER

LIBRARY SERVICES NEWS

Eccles Library Journal Deletions

MEDICAL TRIBUNE FOR THE FAMILY PHYSICIAN
MEMORY & COGNITION *
MICROBIOLOGY *
MICROCHEMICAL JOURNAL
MOTIVATION & EMOTION
NEBRASKA MEDICAL JOURNAL
NEUROCHEMISTRY INTERNATIONAL *
NEUROSCIENCE & BIOBEHAVIORAL REVIEWS
NEW JERSEY MEDICINE
NEW ZEALAND JOURNAL OF SPORTS MEDICINE
NORTH CAROLINA MEDICAL JOURNAL
PENNSYLVANIA MEDICINE
PFLUEGERS ARCHIV
PHYSICS IN MEDICINE & BIOLOGY
PROGRESS IN NEUROPSYCHOPHARMACOLOGY
PSYCHOANALYTIC STUDY OF THE CHILD/SO
PSYCHOLOGICAL ASSESSMENT *
PSYCHOPHYSIOLOGY
PUBLISHERS INTERNATIONAL DIRECTORY/SO
RESEARCH COMMUNICATIONS IN MOLECULAR PATHOLOGY & PHARMACOLOGY
RESEARCH IN EXPERIMENTAL MEDICINE
SAME DAY SURGERY
SCAND JOURNAL OF CLINICAL LABORATORY INVESTIGATION
SCAND JOURNAL OF PLASTIC & RECONSTRUCTIVE SURGERY
SCAND JOURNAL OF RHEUMATOLOGY
SOAP COSMETICS CHEMICAL SPECIALTIES
SOUTH DAKOTA JOURNAL OF MEDICINE
SPORTSEARCH
SUBSTANCE USE & MISUSE *
SURVEY OF ANESTHESIOLOGY
TECHNICALITIES
TECHTRENDS /FOR LEADERS IN EDUC TRAIN
ULTRASTRUCTURAL PATHOLOGY
VIRCHOWS ARCHIV
WHAT TO BUY FOR BUSINESS
ZEITSCHRIFT FUER RHEUMATOLOGIE

* Title available at Marriott Library.
** Title available at Law Library.

LIBRARY SERVICES NEWS

Library Liaison Program

The Spencer S. Eccles Health Sciences Library has instituted a Library Liaison Program in an effort to provide closer ties with the health sciences campus. The assigned liaison will be able to provide valuable input for library programs as well as offer specialized information and services to the college. They will:

- Inform the college or department of all library issues, special events and educational opportunities
- Seek input on collection development issues or projects including the journal selection-deselection project
- Address issues related to computer based information access and curricula
- Seek input on needs using formal and informal assessment techniques
- Attend any college or departmental meeting requested to explain library policies, programs or services
- Refer questions and problems to the appropriate library department

The library looks forward to closer association with the faculty and staff. If you have additional questions please contact the appropriate liaison listed below or call the Library Administration Office at (801) 581-8771.

DEPARTMENT	LIBRARY LIAISON	PHONE
Anesthesiology	Mary Youngkin	581-5534
Artificial Organs	Joan Stoddart	581-8771
Biochemistry	Sharon Dennis	585-3928
Cardiology	Patricia Arter	581-4686
Cardiothoracic Surgery	Joan Stoddart	581-8771
Clinical Research Center	Patricia Arter	581-4686
Communication Disorders	Jeanne Le Ber	581-5534
Dermatology	Jeanne Le Ber	581-5534
Emergency Medicine	Joan Stoddart	581-8771
Endocrinology	Nancy Lombardo	581-5241
Exercise & Sport Science	Jeanne Le Ber	581-5534
Family & Preventive Medicine	Kathleen McCloskey	585-5743
Foods & Nutrition	Jeanne Le Ber	581-5534
Gastroenterology, Hepatology & Nutrition	Nancy Lombardo	581-5241
General Internal Medicine	Patricia Arter	581-4686
General Surgery	Joan Stoddart	581-8771
Gerontology Center	Kathleen McCloskey	585-5743
Health Education	Jeanne Le Ber	581-5534
Health, College of	Jeanne Le Ber	581-5534
Hematology, Oncology	Patricia Arter	581-4686
HHMI & Human Genetics	Joan Gregory/ Grace Chen	581-5269
Hospital	Patricia Arter	581-4686
Human Development & Aging	Kathleen McCloskey	585-5743
Human Molecular Biology & Genetics	Joan Gregory/ Grace Chen	581-5269
Infectious Diseases	Patricia Arter	581-4686
Medical Ethics	Joan Stoddart	581-8771
Medical Informatics	Nina Dougherty	581-8771
Medicinal Chemistry	Sharon Dennis	585-3928

LIBRARY SERVICES NEWS

Library Liaison Program

DEPARTMENT	LIBRARY LIAISON	PHONE
Nephrology	Mary Youngkin	581-5534
Neurobiology & Anatomy	Joan Gregory/ Grace Chen	581-5269
Neurology	Joan Gregory/ Grace Chen	581-5269
Neurosurgery	Joan Gregory/ Grace Chen	581-5269
Nursing, College of	Kathleen McCloskey	585-5743
Obstetrics & Gynecology	Joan Gregory/ Grace Chen	581-5269
Oncological Services	Mary Youngkin	581-5534
Ophthalmology	Sharon Dennis	585-3928
Orthopedics	Mary Youngkin	581-5534
Otolaryngology	Joan Stoddart	581-8771
Pathology	Nancy Lombardo	581-5241
Pediatric Surgery	Joan Stoddart	581-8771
Pediatrics	Nancy Lombardo	581-5241
Pharmaceutics	Sharon Dennis	585-3928
Pharmacology Toxicology	Sharon Dennis	585-3928
Pharmacy Practice	Sharon Dennis	585-3928
Pharmacy, College of	Sharon Dennis	585-3928
Physical Medicine & Rehabilitation	Jeanne Le Ber	581-5534
Physical Therapy	Jeanne Le Ber	581-5534
Physiology	Mary Youngkin	581-5534
Plastic & Reconstructive Surgery	Joan Stoddart	581-8771
Psychiatry	Nancy Lombardo	581-5241
Radiation Oncology	Nina Dougherty	581-8771
Radiology	Nina Dougherty	581-8771
Recreation & Leisure	Jeanne Le Ber	581-5534
Respiratory, Critical Care & Occupational Medicine	Nina Dougherty	581-8771
Rheumatology	Patricia Arter	581-4686
Rocky Mtn Ctr Occupational Environmental Health	Nina Dougherty	581-8771
Surgery	Joan Stoddart	581-8771
Urology	Joan Stoddart	581-8771
Vascular Surgery	Joan Stoddart	581-8771

SLICE OF LIFE

What's New for '96

The Slice of Life Office is pleased to inform interested *IAIMS Newsletter* readers that a number of new products and upgrades have been recently made available. Released this past summer was the *Slice of Life VII* videodisc. The videodisc sells for $300 (those qualified individuals and institutions may obtain the disc at the upgrade price of $150). This new edition of the videodisc incorporates frame imagery from previous releases of the disc and in addition some 5,600 new frames and 65 motion sequences. Of particular significance is the inclusion of over 1,600 images taken from the *William Boyd Collection of Diseased Human Organs.* The Boyd collection images on *Slice VII* are hand-tinted photographs organized by twelve systems and described by patients' histories, specimen

SLICE OF LIFE

What's New for '96

descriptions, autopsy findings, and cross-references to the original museum acquisition numbers.

One of Slice of Life's most popular programs, *Embryo Images*, has now been made available to PC users. The program, which is an interactive tutorial designed to teach mammalian embryology, was introduced in 1994. *Embryo Images* is oriented by organ system and includes nine separate units. The price of the program is $400 for a single copy, $800 for a site license.

The *Interactive Brain Atlas*, produced as part of the University of Washington's Digital Anatomist Program is a Macintosh-based CD-ROM that presents computer generated, dynamic 3-D reconstructions of the brain and its component parts. The program can be added, as a module, for use with *HyperBrain 1.0*. The cost of the *Interactive Brain Atlas* is $200.

NeuroClinic is a comprehensive, interactive *SuperCard* guide to clinical neurology that was authored by this year's recipient of the Sandoz Software Award, David Schimp. *NeuroClinic* features 413 neurological conditions with over 1,000 definitions and hundreds of test questions. With links to over 1,500 frames images (still and motion) on the *Slice of Brain I* videodisc, *NeuroClinic* is a dynamic tool for rapid access to medical information. *NeuroClinic* is available as a single copy for $250; $500 for a site license.

Virgil Pathology Lessons is the result of a project developed by the pathology department at Vanderbilt University. The program comprises over 60 lessons covering general and systemic pathology Each lesson includes multiple digitized images of gross and microscopic specimens with explanatory drawings and text. Representative lessons include basic response to injury, hemostasis, wound healing, atherosclerosis and diseases of the aorta, lung infections, vascular diseases of the kidney, and brain infections. A feature of *Virgil Pathology Lessons* is the ability to display multiple images simultaneously for comparison of gross and microscopic changes and correlation of standard histology with special studies such as ultrastructure, fluorescence microscopy, and immunocytochemistry. Each lesson contained in *Virgil* includes a "slide-show" that allows display of any pair of images from the lesson. *Virgil Pathology Lessons* is a Macintosh-based program that sells for $300 for a single copy; $1,200 for a site license. A student version of the program sells for $75.

In addition to these new programs to the Slice of Life catalog there are a number of product upgrades. *Dermatology for Medical Students* (version 4.60) is available for $225 single copy; $400 site license. *Dermatology for Medical Students*, an algorithmic approach to dermatologic diagnosis, is an interactive, Macintosh-based program for third and fourth-year medical students.

GuidePATH (version 1.65) is a Macintosh-based, interactive (with the *Slice of Life* videodisc) instruction program for teaching pathology to second-year medical students. *GuidePATH* contains 2,863 gross and microscopic as well as x-rays and charts. *GuidePATH* is available for $525 for GRIPE members; $625 for non-members.

SLICE OF LIFE

What's New for '96

Introduced in late 1995, *HyperBrain 1.0* is a core resource for neuroscience education. This new version of *HyperBrain* can be used with either the *Slice of Life VI* or *Slice of Brain I* videodiscs. *HyperBrain 1.0* is available for $400 single copy; $800 site license (upgrade pricing to previous versions of *HyperBrain* are available).

HyperHeart 3.0 is a completely re-worked interactive program linked to frame imagery on the *Slice of Life* videodisc. The program can be used either with or without the videodisc. This new version of *HyperHeart* resembles the navigational attributes found in *HyperBrain.* *HyperHeart 3.0* is available for $350 single copy; $600 site license (upgrade pricing to previous versions of *HyperHeart* are also available).

Physiology Tutor and Tester (version 4) is a PC-based program for review and self-evaluation of basic medical physiology. The new version of the program has had many new modules added making *Physiology Tutor and Tester* an even more useful application. *Physiology Tutor and Tester* has been designed to serve as a study aid for preparation for medical physiology courses and for the physiology component of the National Board Exam. *Physiology Tutor and Tester* is available as a single copy for $75; $175 for a site license.

For additional information on what's new with the Slice of Life Project please visit the Slice of Life Website at: http://www-medlib.med.utah.edu/sol/

MEDICAL INFORMATICS SEMINARS

Fall 1996
Tuesdays, NOON - 1:00 pm

Classroom B (Gates Lecture Hall), School of Medicine Building, University of Utah

During November and December 1996, Medical Informatics Seminars will be presented on Tuesdays, NOON - 1:00 pm in Classroom B (Gates Lecture Hall), School of Medicine Building, University of Utah. Presenters are from the University of Utah, School of Medicine, Department of Medical Informatics.

November 5, 1996	Michael Lincoln, MD VA Computerized Patient Record System
November 12, 1996	John Williamson, MD Teleinformatics: the Future of Quality Improvement
November 19, 1996	Pierre Pincetl, MD Information Resources Planning for Clinical Delivery Systems
November 26, 1996	Helmuth Orthner, PhD ADSL, Update on New Communication Technologies
December 3, 1996	Reed Gardner, PhD The FDA and Medical Software Regulation
December 10, 1996	Final Exams, No Seminar

UUCC INTERNET AND COMPUTER SEMINARS

Fall 1996

All classes are in Room 3465 MEB unless otherwise indicated.

The University of Utah Computer Center offers **FREE** Internet Seminars for students, faculty and staff of the University of Utah. No preregistration is required, but seating is limited. Information is not specific to any particular platform, unless indicated. Each seminar includes a lecture on the indicated topic, followed by hands-on experience and/or questions on any topic. All classes meet at NOON in 3465 MEB and last 1 to 2 hours.

An electronic version of the schedule is available at: **http://www.cc.utah.edu/training/seminars.html.** For further information, contact the Computer Center Help Line at (801) 585-4357 (585-HELP).

November 4, 1996	Windows 95 [Windows]
November 5, 1996	Basic Unix Commands
November 6, 1996	HTML (part 1)
November 7, 1996	The Internet Client Kit [Macintosh]
November 12, 1996	How To Create World-Wide Web Home Pages
November 13, 1996	HTML (part 2)
November 14, 1996	Up/Down Load with Pine (e-mail)
November 18, 1996	MIME: Multipurpose Internet Mail Extensions
November 19, 1996	PGP: Pretty Good Privacy
November 20, 1996	Netscape And Plug-In Modules
November 21, 1996	PGP with Pine (e-mail)

UUCC SHORT COURSES

Fall 1996

The University of Utah Computer Center (UUCC) offers a variety of short courses. Register at class location (see below); non-students pay at 3440MEB. Course sections may be canceled if less than 5 people are registered 2 hours prior to class time, or less than 5 people are present. Refunds will only be issued if the course section is canceled by the instructor, or registrant cancels at least 2 hours prior to class time. Make refund request within 2 weeks of class date, in 3440 MEB. Costs: Students ... FREE; Faculty, Staff, Spouse... $15.00; Non-University ...$50.00 Ability to use a Macintosh computer on a basic level is required for all MAC courses listed except for Introduction to the Mac. Ability to use an IBM compatible computer on a basic level is required for all PC courses listed except for Introduction to the PC.

An electronic version of this schedule is available at: **http://www.cc.utah.edu/training/.** For further information, contact the Computer Center Help Line at (801) 585-4357 (585-HELP).

Macintosh Classes

November 5, 1996	Introduction to the Mac	304A Marriott	9:55am-11:50am
November 5, 1996	MS Word 6.0 (part 1)	3465 MEB	9:55am-11:50am
November 6, 1996	Photoshop (part 1)	3465 MEB	2:15pm-4:10pm
November 12, 1996	MS Word 6.0 (part 2)	3465 MEB	9:55am-11:50am
November 13, 1996	Photoshop (part 2)	3465 MEB	2:15pm-4:10pm
November 14, 1996	MS Word 6.0(part 3)	3465 MEB	9:55am-11:50am

UUCC SHORT COURSES

Fall 1996

PC Classes

November 4, 1996	MS Word 6.0 (part 3)	304B Marriott	2:15pm-4:10pm
November 5, 1996	WordPerfect 6.1 Tools	104 BUC	2:15pm-4:10pm
November 6, 1996	WordPerfect 6.1 Graphics	304B Marriott	7:00pm-9:00pm
November 7, 1996	PowerPoint	304B Marriott	9:55 am-11:50am
November 7, 1996	Graphics Introduction	104 BUC	2:15pm-4:10pm
November 12, 1996	Introduction to the PC	104 BUC	2:15pm-4:10pm
November 13, 1996	Introduction to the PC	304B Marriott	2:15pm-4:10pm
November 13, 1996	Word Perfect 6.1Tools	304B Marriott	7:00pm-9:00pm
November 14, 1996	Presentation Graphics	104 BUC	2:15pm-4:10pm

ACCESSING MEDLINE VIA *MacSPIRS*

by
Nancy T. Lombardo,
Affiliate Librarian, Systems,
Spencer S. Eccles Health Sciences Library

In order to access MEDLINE at the Spencer S. Eccles Health Sciences Library via your Macintosh, you need to install the *MacSPIRS* client software on your computer. You must be affiliated with one of the Utah higher education institutions and have an IP address from one of these institutions in order to access MEDLINE in this way. Access for University of Utah faculty, staff and students includes additional databases located at Marriott and Eccles Libraries.

Retrieving and Installing *MacSPIRS*

1) Download the current version of *MacSPIRS* from the SilverPlatter Web site:

http://webspirs.silverplatter.com/macsware.htm

Click on the blue, underlined "**Download**" hyperlink to begin the transfer to your Mac.

The file retrieved will be named **macspirs.sea.hqx** and is a binhexed, self-extracting archive. You will need *Stuffit Expander*, or some other software to de-binhex the files. Once the file has been retrieved, quit from *Netscape*.

2) After you have de-binhexed and expanded the file, open the ***MacSPIRS 2.32*** **Installer folder**.

3) Double click on the **Installer** icon.

4) The installation will begin. A series of options will be presented. Respond this way:

* Select **Full Installation** and Click on OK.
* Select a location for *MacSPIRS* to be installed on your hard drive. Click on SAVE.
* Select **ERL Client Only** and Click on **OK**.
* Click **OK** to accept the default Software Options.
* At the ERL Auto Login Setup screen, click **OK**. (You do not need to fill in any blanks.)
* Click on **OK** at the *MacSPIRS* Installation Completed Successfully message.

A MacSPIRS icon has been created in the location you specified.

ACCESSING MEDLINE VIA *MacSPIRS*

by
Nancy T. Lombardo,
Affiliate Librarian, Systems,
Spencer S. Eccles Health Sciences Library

Configuring *MacSPIRS* to access ERL servers at Spencer S. Eccles Health Sciences Library at the University of Utah

REMEMBER: You must be affiliated with one of the Utah higher education institutions and have an IP address from one of these institutions in order to access MEDLINE in this way. Access for University of Utah faculty, staff and students includes additional databases located at Marriott and Eccles Libraries.

1) Open the **System Folder**
2) Open the ***MacSPIRS* Overrides** folder.
3) Open the file named **erlclnt.cfg** using *SimpleText* or *TeachText.*
4) You must edit the file to look like this: (Arrows point to the lines changed in the file. The bolded text indicates changes you must make.)

Note: in the first edited line, you must add a **/*** before the word **server**.
Also - affiliates at Utah higher education institutions other than the University of Utah need not enter this line -> **server_addr2 = /2/erl.lib.utah.edu/416**

```
        /* Creation date  : Sun Janr 22 13:34:53 EST 1994
        /* Created by     : /sproot/scripts/mkTCPIPerlclnt

        /* Guest Server
        /* Guest Server's IP Address     :  192.80.71.114
->      /*server_addr1 = /2/192.80.71.114/416
->      server_addr1 = /2/medstat.med.utah.edu/416
->      server_addr2 = /2/erl.lib.utah.edu/416

        /* Subscription Server
        /* Subscription Server 's IP Address     :  192.80.71.80
        /*server_addr1 = /2/192.80.71.80/5000

        transport1 = /dev/inet/tcp
        protocol1 = 2
        server_type1 = 3
```

By doing this, you are configuring the *MacSPIRS* software to recognize the ERL Servers through which databases are made accessible at the Spencer S. Eccles Health Sciences Library and at the Marriott Library at the University of Utah.

5) Save the file and close it.

6)*MacSPIRS* is now ready to perform searches in the Eccles Library (and Marriott Library) databases.

7) Double click on the *MacSPIRS* icon to begin searching.
You will be asked to login.

- For U of U affiliates the username is **guest** and the password is **guest**.
- For affiliates of other Utah Higher education institutions the username is **ualc** and the password is **ualc**.

8) Select your preferred databases and begin searching.

ACCESSING MEDLINE VIA *WinSPIRS*

by
Nancy T. Lombardo,
Affiliate Librarian, Systems,
Spencer S. Eccles Health Sciences Library

Retrieving and Installing WinSPIRS

In order to access MEDLINE at the Spencer S. Eccles Health Sciences Library via your PC, you need to install the *WinSPIRS* client software on your computer. You must be affiliated with one of the Utah higher education institutions and have an IP address from one of these institutions in order to access MEDLINE in this way. Access for University of Utah faculty, staff and students includes additional databases located at Marriott and Eccles Libraries.

1) Create a **spirtemp** directory on your hard drive at **c:\spirtemp**. Download the current version of *WinSPIRS* from the SilverPlatter Web site:

http://webspirs.silverplatter.com/winsware.htm

Click on the blue, underlined "**Download**" hyperlink to begin the transfer to your PC. Be sure to save the file into the new **spirtemp** directory. The file retrieved will be named **ws20clnt.exe** and is a self-extracting archive. When the file has downloaded, Exit *Netscape*.

2) From the Program Manager's File Menu in Windows 3.1, or from the Start Menu in Windows 95, select Run and enter **c:\spirtemp\ws20clnt.exe** (or use the File Manager and double click on the icon in your spirtemp directory). A DOS window will appear and the files contained in the archive will be "inflated". After you see the line **INFLATING: WINSPIRS.EX_** in the DOS window, all the files have been extracted and you can continue with the installation process.

3) From the Program Manager's File Menu in Windows 3.1, or from the Start Menu in Windows 95, select **Run** and enter **c:\spirtemp\wsetup.exe**.

4) The installation will begin. A blue window will appear on your screen and a series of options will be presented. Respond this way:

* Click on **Continue** at the Welcome screen
* Click on **Workstation** to install your copy of *WinSPIRS* for individual use on your PC
* Click on **Continue** to accept the default path for installation which will be **c:\WinSPIRS** or type in a preferred location
* You may be asked to replace a file named **Ctl3dv2.dll**. Click on Yes if asked.
* Click on **OK** to accept the Default Configuration after the installation has completed.
* Click on **OK** at the *WinSPIRS* successfully installed message.

5) A group (Win 3.1), or Start Menu folder (Win95), will be created displaying the icons essential to configuring and using *WinSPIRS.*

6) Proceed to the configuration. After the *WinSPIRS* is functioning properly, you can delete the **spirtemp** directory from your hard drive.

Note: You may run into difficulties with the installation if you are working on a networked workstation. If so, please ask your system administrator for help.

ACCESSING MEDLINE VIA *WinSPIRS*

by
Nancy T. Lombardo,
Affiliate Librarian,
Systems,
Spencer S. Eccles Health Sciences Library

Configuring *WinSPIRS* to access ERL servers at Spencer S. Eccles Health Sciences Library at the University of Utah

REMEMBER: You must be affiliated with one of the Utah higher education institutions and have an IP address from one of these institutions in order to access MEDLINE in this way. Access for University of Utah faculty, staff and students includes additional databases located at Marriott and Eccles Libraries.

1) Click on the **ERL Config icon** (**erledit.exe** in Win3.1).

2) Type **medstat.med.utah.edu** in the IP Address field. Leave the port at 416. Click on **Add Server**.

3) If you are a U of Utah affiliate and wish to search databases available through Marriott Library, repeat the process and add the IP Address **erl.lib.utah.edu** to provide access to those additional databases.

4) Select the **erl2.silverplatter.com** IP Address and click on **Remove Server**.

5) Click on Save.

6)*WinSPIRS* is now ready to perform searches in the Eccles Library (and Marriott Library) databases. Click on the WinSPIRS **icon**, select your preferred databases and begin searching.

Reconfiguring *WinSPIRS* to access ERL servers at Spencer S. Eccles Health Sciences Library from Utah Higher Education Institutions other than the University of Utah

1) Click on the ***WinSPIRS* Reconfiguration icon** (**reconfig.exe** in Win3.1.)

2) Click on **ERL Options**.

3) Select **ERL Client Only**

4) Click on **Add...**

5) Enter the following:
Server ID: **medstat.med.utah.edu**
Username: **ualc**
Password: **ualc**

6) Click on **OK**

7) Click once on the '**default**' server ID and click on **Remove** to delete this entry.

8) **Close** the window. Click on **Save**. Your *WinSPIRS* client should now be configured to allow you into the MEDLINE databases that have been licensed for the Utah higher education campuses.

9) Double click on the ***WinSPIRS* icon** to start the program.

10) You will be offered a dialog box into which you must enter **ualc** as the **username** and **ualc** as the **password**. This will allow you to Start *WinSPIRS* with the available MEDLINE databases displayed.

Deadline and Mailing List

The purpose of the *IAIMS Newsletter* is to keep the campus community informed on all aspects of computer and information technology as well as on the services provided by the Spencer S. Eccles Health Sciences Library. Articles on computer and information technology events, applications, services, education, etc. are welcome. To contribute articles to the *IAIMS Newsletter*, contact Joan M. Gregory at the address indicated below.

The deadline for the December 1996 issue of the *IAIMS Newsletter* is: November 15, 1996.

The *IAIMS Newsletter* is available electronically via the World Wide Web at **http://www-medlib.med.utah.edu/iaims/iaims.html**. If you would like to receive a copy of the electronic version in **PDF format**, send an email message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe IAIMS**

To be added to the **printed** newsletter mailing list, send the following information to: Joan M. Gregory, Editor, *IAIMS Newsletter*, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. VOICE: (801)581-5269. FAX: (801)581-3632. INTERNET: joang@ecclab.med.utah.edu.

***IAIMS NEWSLETTER* MAILING LIST**

Please add my address to the **printed** *IAIMS Newsletter* Mailing List.

Name: _____

University of Utah Department: _____

University of Utah Campus Address: _____

Company/Institution: _____

Address: _____

City: _____

State/Zip Code: _____

Spencer S. Eccles Health Sciences Library
University of Utah
Building 589
Salt Lake City, Utah 84112

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IAIMS NEWSLETTER

WINTER 96/97
VOLUME 12
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MC/SCUG and *IAIMS Newsletter* CHANGES

Several changes are taking place this month which will affect MC/SCUG and the *IAIMS Newsletter*:

Joan M. Gregory, Associate Librarian, Technical Services, who has served as Editor of the *IAIMS Newsletter* and Coordinator of MC/SCUG since 1989, will be taking on new responsibilities for the implementation of the Ameritech Horizon integrated library system at academic libraries throughout the state of Utah.

Jeanne M. Le Ber, Assistant Librarian, Bibliographic and Instruction Services, has been appointed as the new Editor of the *IAIMS Newsletter* which will be published on a quarterly schedule: September, December, March and June. MC/SCUG will become an irregular rather than a monthly event based on the need to publicize various new technologies and/or services being made available via the Spencer S. Eccles Health Sciences Library.

You are encouraged to add the Eccles Library Web site (**http://www-medlib.med.utah.edu/**) to your bookmarks and to check it frequently for updates on library information and services.

ABOUT THE MEDICAL CENTER SMALL COMPUTER USERS GROUP

MC/SCUG is an informal group of computer users who enjoy keeping informed about the latest developments in computer applications. There is no membership fee. Meetings are scheduled irregularly based on the need to publicize new library technologies and/or services. Meetings will be announced via the MC/SCUG mailing list. If you are interested in receiving email notification of future MC/SCUG meetings, send an email message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe MCSCUG**

IN THIS ISSUE

MC/SCUG and *IAIMS Newsletter* Changes 1
Web Developers' Group 2
Library Services News: Library Hours 2
Don't Reshelve that Unbound Journal 3
Introducing...Mary McFarland 3
Medical Book Review Database Available 4
Online Advanced HTML Tutorial Now Available 4
Workshops and Classes 5-8
8th Annual Slice of Life Workshop 9
Library Liaison Program 9-10
Internet Resources: Cardiology 10-12
Campuswide Seminars, Classes and Workshops 13
Network Access to 1000 Journals 14
IAIMS Newsletter Deadline and Mailing List 15

WEB DEVELOPERS' GROUP

Animated GIFs

Friday,
December 20,1996
NOON - 1:00 pm
History of Medicine Room, Eccles Library

The next meeting of the Web Developers' Group will be Friday, December 20, 1996, from NOON - 1 pm in the History of Medicine Room at the Spencer S. Eccles Health Sciences Library. Have you ever wondered how to get your Web pages "moving"? This is your chance to find out. Valeri Nielson, Technical Assistant for the Eccles Library Knowledge Weavers Project, will show the group how to make animated GIFs using the *GIF Construction Set* for Windows 95. Sharon Dennis, Associate Librarian for Computer and Media Services, will demonstrate how to produce an animated GIF showing screen movements using a shareware tool called gif*gif*gif for Windows and the Macintosh.

All levels of expertise are welcome at the Web Developers' Group. For more information, contact Sharon Dennis at (801) 585-3928 or e-mail her at sdennis@ecclab.med.utah.edu.

LIBRARY SERVICES NEWS

Library Hours

The Spencer S. Eccles Health Sciences Library begins Fall Quarter Break Hours December 13, 1996. These hours will be in effect through January 4, 1997. Regular hours resume Sunday, January 5, 1997.

Fall Quarter Break Hours December 13, 1996 - January 4, 1997

Friday, December 13, 1996	7:00 am - 5:00 pm
Saturday, December 14, 1996	9:00 am - 6:00 pm
Sunday, December 15, 1996	Closed
Monday, December 16, 1996 - Saturday, January 4, 1997	
Monday - Friday	8:00 am - 5:00 pm
Saturday	9:00 am - 6:00 pm
Sunday	Closed
Wednesday, December 25, 1996	Christmas Day Closed
Wednesday, January 1, 1997	New Years Day Closed

Winter Quarter Hours January 5 - March 3, 1997

Monday - Thursday	7:00 am - 11:00 pm
Friday	7:00 am - 8:00 pm
Saturday	9:00 am - 8:00 pm
Sunday	11:00 am - 11:00 pm

Winter Quarter Extended Hours March 12 - March 20, 1997

Monday - Thursday	7:00 am - 12 midnight
Friday	7:00 am - 11:00 pm
Saturday	9:00 am - 11:00 pm
Sunday	11:00 am - 12 midnight

Quarter Break Hours March 21 - March 30, 1997

Monday - Friday	7:00 am - 8:00 pm
Saturday	9:00 am - 6:00 pm
Sunday	Closed

DON'T RESHELVE THAT UNBOUND JOURNAL

by
Derek Cowan,
Stacks Manager,
Spencer S. Eccles Health Sciences Library

Staff at the Spencer S. Eccles Health Sciences Library keep many statistics on the use of their resources and services. Since the current journals are heavily used, and since use statistics help library staff evaluate a journal's value in the collection, these use statistics are very important. A new procedure has recently been implemented at the Eccles Library for keeping statistics on the use of the unbound journals. Materials used in the library are routinely collected, and counted. Circulation staff stamp each unbound journal issue during the reshelving process. The cumulative total of dates stamped will alert library staff if a specific title is being used. The number of dates stamped on any specific journal title might make the difference between renewing or cancelling that subscription.

Library staff can use your help with this process. Leave any unbound journals you use in a reshelve area, on a table or in duplication. Please do not reshelve them yourself. This will help account for all journals used in the library. Thanks for your cooperation.

Introducing... Mary McFarland, Reference Associate, Spencer S. Eccles Health Sciences Library

The "Introducing..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Mary McFarland.

Born and raised in the small rural community of Pinedale, Wyoming, Mary McFarland's early life was shaped by the rugged beauty and wilderness of the Wind River Mountains. Mary grew up with an appreciation for the great outdoors, ranching and horses. Mary continues to enjoy the outdoors, biking, skiing and hiking. She devotes her free time to training and riding her Morgan horse, Nick.

Mary started her library career at the Salt Lake City Public Library in 1979. Later she worked briefly at the Marriott Library before transferring to the Spencer S. Eccles Health Sciences Library in 1985.

Initially, Mary was in charge of maintaining the stacks and supervising the evening and weekend employees at Eccles Library. Since 1990, Mary has worked in the Reference Department answering dozens of questions per week, verifying difficult citations, instructing library patrons on how to use the SilverPlatter database software, performing mediated literature searches, maintaining the reference collection, and many other tasks. In addition, Mary is the team leader for the library's Resource Management Team and has been instrumental in initiating a number of new services and procedures at the library (e.g., identifying and assessing the need for compact shelving, selling computer disks, procedures for tracking unbound journal use, etc.).

Mary's educational background in nursing contributes to her expert knowledge base related to the fields of medicine, nursing, pharmacy and health. As a generalist, Mary is well read and familiar with a wide variety of subjects. This aids her in searching for, or helping others search for information. Mary has considerable expertise in locating sources related to health care reform, state and federal government publications, drug information and health care statistics.

MEDICAL BOOK REVIEW DATABASE AVAILABLE

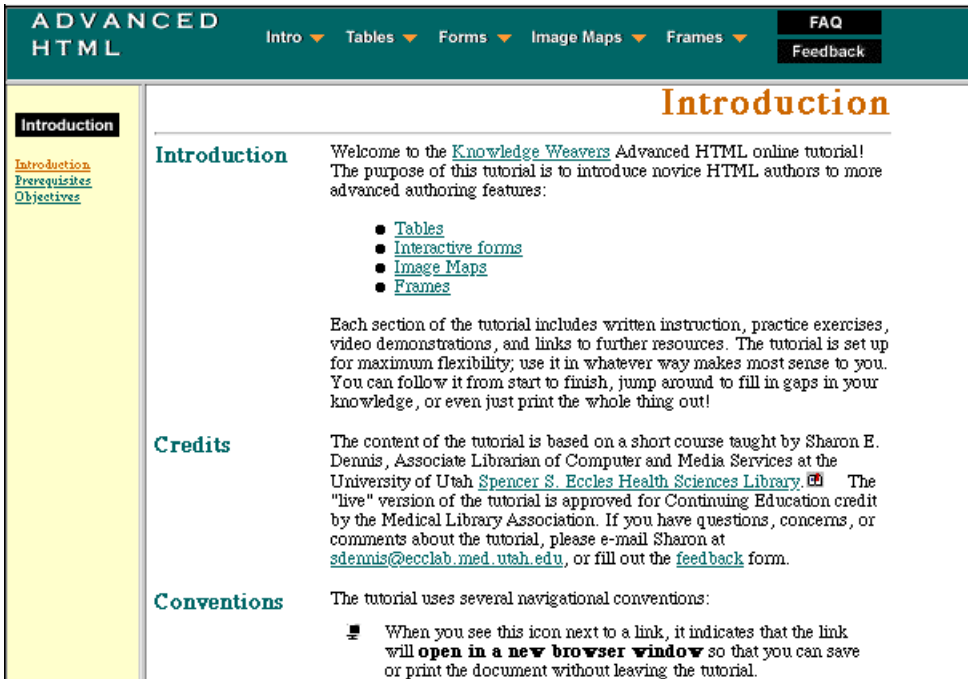
The Spencer S. Eccles Health Sciences Library is now offering *MD Consult Book Review Service* through the library's home page. The service consists of two parts - the first is a personalized weekly e-mail newsletter providing news and reviews in any of 90 medical specialties and the second is 24 hour access to a database of more than 8,000 titles and 4,500 books reviews. The peer book reviews are updated weekly, usually as soon as 10 weeks after publication.

To access this service, University of Utah Health Sciences Center faculty and staff should go to the library's home page (**http://www-medlib.med.utah.edu/**), click on the **MD Consult icon** and visit the **Guest** area. There one will find general information about the service and a registration form. Once registered, the subscriber will receive the weekly electronic newsletter and a unique ID that will be the key to the comprehensive book database. For those interested in new medical books, this is an efficient way to gather information in a timely fashion. The library will be evaluating the service over the coming months.

If you have difficulty accessing the Eccles Library Web page or have trouble filling out the registration form in the **Guest Area** on the MD Consult site, please contact Sharon Dennis at (801) 585-3928 or e-mail her at sdennis@ecclab.med.utah.edu, or Nancy Lombardo at (801) 581-5241 or e-mail her at nlombardo@ecclab.med.utah.edu.

ONLINE ADVANCED HTML TUTORIAL NOW AVAILABLE!

If you are a Web page author who has mastered the basics but are ready to move on to more advanced HTML concepts, take a look at the Advanced HTML Tutorial now available on the Web at **http://www-medlib.med.utah.edu/kw/advhtml.** The tutorial contains the same content and exercises as the "live" version of the course offered by Sharon Dennis at the Spencer S. Eccles Health Sciences Library. Try out the tutorial and let us know what you think! For more information, contact Sharon Dennis at (801) 585-3928 or e-mail her at sdennis@ecclab.med.utah.edu.



ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

Sessions are FREE unless otherwise indicated.

Classes for which a fee is charged require payment in advance to reserve your place in the class.

Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

The workshops and classes described below are presented on a regular basis by the faculty of the Spencer S. Eccles Health Sciences Library. Schedules are printed in the September, December, March and June issues of the *IAIMS Newsletter*. The Winter Quarter 1997 schedule is printed below. The schedule is also available electronically via the Library's Web site: **http://www-medlib.med.utah.edu/ education/workshop.html**. Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

Sessions are FREE unless a charge is indicated. Classes for which a fee is charged require payment in advance to reserve a place in the class. Registration is on a first-come/first-served basis. **Please fill in the registration form below and return it to the library with your payment.** A postcard will be sent to confirm your registration. Phone registration will be accepted for classes that do not have a fee. To register for one of the free classes or for more information, call (801) 581-5534.

LOCATION: Computer Classrooms, Lower Level, Eccles Library (unless otherwise indicated).

Workshops and Classes Registration Form
Spencer S. Eccles Health Sciences Library
Bldg 589 / University of Utah / Salt Lake City, UT 84112

Please fill in the following information completely and return to the above address. Registration for classes is accepted by mail or in-person, and is on a first-come/first-served basis. Payment must accompany registration. Your registration will be confirmed by mail. Make check payable to: Eccles Library.

Name: _____ Phone: (w) _____ Phone: (h) _____
Address: _____
City/St/Zip: _____
Class name: _____
Class date: _____ Class time: _____ Cost of class: _____
❑ Yes! Send me a UU parking day pass for $2.50 Cost of parking: _____
Total enclosed: _____

Tours and Orientations

Tours and orientations are conducted to familiarize faculty, staff and students with library resources and services. Brief tours introduce users to information sources and location of library materials, and present an overview of available services. Detailed instruction in the use of compact disc databases, subject-specific sources, and other reference sources can be arranged. Contact instructor to arrange for a tour or orientation. Instructor: Patricia Arter; (801) 581-4686; INTERNET: parter@ecclab.med.utah.edu.

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

Sessions are FREE unless otherwise indicated.

Classes for which a fee is charged require payment in advance to reserve your place in the class.

Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly

Introduction to CD–ROM Databases

Participants learn the basic mechanisms for searching CD-ROM databases that are available at the Eccles Library. Databases include: Aidsline, Bioethicsline, CINAHL (Nursing & Allied Health Literature), HealthPlan, MEDLINE, Sport Discus, TOXLINE and PsycLIT. Arrangements can be made for a date and time that better suits your schedule. Instructors: Patricia Arter; (801) 581-4686; INTERNET: parter@ecclab.med.utah.edu, or Mary McFarland, (801) 581-5534; INTERNET: marym@ecclab.med.utah.edu.

Wednesday, January 15, 1997	3:15 pm - 4:15 pm
Thursday, January 23, 1997	3:15 pm - 4:15 pm
Wednesday, January 29, 1997	12:30 pm - 1:30 pm
Monday, February 10, 1997	11:00 am - NOON
Monday, February 24, 1997	3:15 pm - 4:15 pm
Wednesday, March 5, 1997	3:15 pm - 4:15 pm
Monday, March 10, 1997	2:15 pm - 3:15 pm

Win & Web: MEDLINE Today

This 3 hours, hands-on class will focus on effective techniques for searching the Windows and Web versions of SilverPlatter MEDLINE. The course will also examine and evaluate "free" versions of MEDLINE on the World Wide Web. Instructor: Mary E. Youngkin; (801)581-5534; INTERNET: maryy@ecclab.med.utah.edu.

Wednesday, January 22, 1997	11:00 am - 2:00 pm
Wednesday, February 12, 1997	11:00 am - 2:00 pm
Thursday, March 6, 1997	11:00 am - 2:00 pm

Basics of Searching MEDLINE on the NLM System

Participants learn the basics of searching MEDLINE online on the NLM system in this 8-hour, hands-on class, taught in two 4-hour segments. MeSH vocabulary and search strategy, as well as NLM online search protocols are included. $30 for U of U students, staff and faculty; $50 for all others. Contact the instructors to arrange for a class. Instructors: Mary E. Youngkin; (801)581-5534; INTERNET: maryy@ecclab.med.utah.edu, or Nina E. Dougherty, (801) 581-8771; INTERNET: nina.dougherty@m.cc.utah.edu

Grateful Med

Grateful Med is the National Library of Medicine's searching software for accessing the MEDLARS databases in either an IBM compatible or Macintosh environment. Contact the instructor to arrange for a class. Instructor: Kathleen M. McCloskey; (801) 585-5743; INTERNET: kmc@ecclab.med.utah.edu.

Finding Information on the Internet

Learn how to search for the information you need on the Internet using *Netscape*. This class explains how to navigate the Internet using *Netscape* and offers instruction and hands-on practice in how to use Internet directories, indexes, meta indexes and other Internet searching tools to find the Internet resources you need. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

Sessions are FREE unless otherwise indicated.

Classes for which a fee is charged require payment in advance to reserve your place in the class.

Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly

med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu or Nina E. Dougherty, (801) 581-8771; INTERNET: nina.dougherty@m.cc.utah.edu

Wednesday, March 12, 1997 PC 9:00 am -11:30 am

Introduction to HTML

Learn how to create documents to be served over the World Wide Web using the HyperText Markup Language (HTML). This course will cover the basics of HTML coding as well as good document design practices. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu.

Wednesday, January 29, 1997 PC 9:00 am - NOON

Creating Multimedia for the Web

This hands-on workshop will cover methods for creating graphics, sound, and video for use on the World Wide Web. Learn how to scan and convert graphics into appropriate formats for the Web, how to decide when to use appropriate graphics formats for the desired purpose, how to deal with color palette issues on different platforms, and how to incorporate graphics into Web pages. Participants will also learn about appropriate audio and video file formats and methods, including the use of "streaming" audio and video and using various plug-ins for delivering audio and video. The workshop will be taught using the Windows platform. Participants may be expected to share a computer. Pre-requisite: Becoming a World Wide Web Information Provider (Introduction to HTML) or equivalent knowledge and experience. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructor: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu

Friday, February 28, 1997 PC 9:00 am -12:30 pm

Creating Educational Presentations Using PowerPoint

Learn how to use PowerPoint 7.0 to create slide presentations on the computer. This course will cover basics of PowerPoint, good design practices, and techniques for using multimedia in your PowerPoint presentations. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu.

Wednesday, March 5, 1997 PC 9:30 am -11:30 am

Bibliographic Management

Learn to manage your reprint files and create properly formatted bibliographies for your publications using either *EndNote* or *Reference Manager*. Instructor: Jeanne M. Le Ber; (801) 581-5534; INTERNET: jeannele @ecclab.med.utah.edu.

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

Sessions are FREE unless otherwise indicated.

Classes for which a fee is charged require payment in advance to reserve your place in the class.

Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

***EndNote* for the Macintosh**
Thursday, February 20, 1997 MAC 2:00 pm - 4:00 pm

***Reference Manager* for Windows**
Thursday, February 27, 1997 PC 2:00 pm - 4:00 pm

Using the National Center for Health Statistics Data Tapes

The National Center for Health Statistics is a central source of health-related data in the U.S.A. Learn to access the NCHS data tapes at the University of Utah. Contact the instructor to arrange for a class. Instructor: Dr. Mike Lincoln; (801) 581-4080; INTERNET: mlincoln@med.utah.edu.

Medical Center/Small Computer Users Group

MC/SCUG is an informal group of computer users who enjoy keeping informed about the latest developments in computer applications. There is no membership fee. Meetings are scheduled irregularly based on the need to publicize new library technologies and/or services. Meetings will be announced via the MC/SCUG mailing list. If you are interested in receiving email notification of future MC/SCUG meetings, send an email message to: **listserv@ ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe MCSCUG**

Web Developers' Group

Location: History of Medicine Room, Eccles Library

The Web Developers' Group is an informal group of faculty, staff and students who are interested in publishing on the World Wide Web to support education, research, and patient care. The purpose of the group is to share information in this rapidly changing field; all levels of expertise are welcome. The group will be moderated by Sharon Dennis and Nancy Lombardo of the Spencer S. Eccles Health Sciences Library.

Wednesday, January 22, 1997 NOON - 1:00 pm
Wednesday, February 26, 1997 NOON - 1:00 pm
Wednesday, March 26, 1997 NOON - 1:00 pm

InfoFair

InfoFair is an annual computer and information event that provides an opportunity for health professionals to obtain up-to-date information on computer applications, resources and services and a glimpse into the future of computers and information technology in the health sciences. InfoFair '97 is scheduled for Thursday, April 17, 1997. Coordinator: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu.

Thursday, April 17, 1997 9:30 am - 4:30 pm

SLICE OF LIFE

8th Annual Slice of Life Workshop

June 25-28, 1997

The *8th Annual Slice of Life Workshop* will be held June 25-28, 1997 in Chicago, Illinois. The host of the workshop will be the Biological Sciences Division of the Office of Academic Computing of the University of Chicago. Four full days of activities are planned featuring presentations, break-out sessions, and demonstrations. The latest innovations in health sciences education will add to and enhance the skills of medical and allied health faculty, students, practitioners, administrators, and academic computing personnel. The theme of this year's workshop, "Multimedia in Health Sciences Education," promises to bring together many professionals engaged in projects at the cutting edge of technologic application in their varied fields of endeavor.

Part of the activities planned also include two days of pre-workshop events. One of these, "Creating Multimedia for the Web," will be a hands-on course conducted by the *Knowledge Weavers'* team based at the Spencer S. Eccles Health Sciences Library. The course is offered to interested individuals who wish to produce multimedia materials for dissemination on the World Wide Web. The course will be taught using both the Macintosh and Windows platforms. Further information on this pre-workshop may be accessed by visiting: **http://www-medlib. med.utah.edu/kw/.**

Proposals for pre-workshops and program presentations must be submitted before February 1, 1997. Acceptance of proposals will be announced March 1, 1997. Pre-registration for the workshop closes on May 1, 1997. Fees for the workshop are $275 (before May 1st); $325 (after May 1st); students $175 (a limited number of student scholarships are available). Registration for the workshop includes continental breakfast, lunch, coffee/tea breaks and hospitality suite. Registration is limited to 215 participants.

For information on workshop registration and accommodations please contact Lee Katman at: **katman@uchicago.edu**. For information on submissions to the program please contact Suzanne Stensaas at: **stensaas@mail.med.cornell.edu**. For information concerning submissions for the *Sandoz Software Award* please contact Michael Thelin at: **amthelin@medlib.med.utah.edu**.

Information on all activities pertaining to the workshop and the grand extravaganza may be accessed by visiting the Slice of Life '97 Web site at **http://slice97.uchicago.edu**

LIBRARY LIAISON PROGRAM

The Spencer S. Eccles Health Sciences Library has instituted a Library Liaison Program in an effort to provide closer ties with the health sciences campus. The assigned liaison will be able to provide valuable input for library programs as well as offer specialized information and services to the college. The liaison will:

- Inform the college or department of all library issues, special events and educational opportunities
- Seek input on collection development issues or projects including the journal selection-deselection project
- Address issues related to computer based information access and curricula

LIBRARY LIAISON PROGRAM

- Seek input on needs using formal and informal assessment techniques
- Attend any college or departmental meeting requested to explain library policies, programs or services
- Refer questions and problems to the appropriate library department

The library looks forward to closer association with the faculty and staff. If you have additional questions please call the Library Administration Office at (801) 581-8771. See the November 1996 *IAIMS Newsletter* (v.12 #2) for a complete list of library liaisons.

INTERNET RESOURCES

Cardiology

by
Patricia Arter,
Affiliate Librarian,
Spencer S. Eccles Health Sciences Library

The sites reviewed here by no means cover everything available on the Web in the field of cardiology. Use any search engine, such as *YAHOO*! or *Magellan*, enter the search term "cardiology" (or something more specific to your interests, e.g., "pediatric cardiology") to find other sites. Almost all sites provide links to others, so checking some of these will also allow you to gain access to many more.

CARDIOLOGY SITE LISTS

Cardiology Compass
http://osler.wustl.edu/~murphy/cardiology/compass.html
An excellent guide for navigation to cardiovascular information resources. This server is jointly supported by the Cardiovascular Division and Section of Medical Informatics, Washington University School of Medicine, Washington University Medical Center, St. Louis, MO. Provides links to clinical data, registries, online journals and other publications, telemedicine, etc.

Medical Matrix: Guide to Internet Clinical Medicine Resources
http://www.slackinc.com/matrix/index.html
Your link to everything you ever wanted to know about medicine. This site provides "selected, ranked, peer-reviewed, annotated, continuously updated, full-text patient-care resources." It includes news, full-text journals, abstracts, reviews, articles, meeting reports, major resources, indices, decision tools, reference documents, practice guidelines, cases, path images, clinical images, procedures, learning modules, CME sites, meetings, textbooks, general, diseases, pediatric cardiology, forums, and patient education.

PROFESSIONAL ORGANIZATIONS

American College of Cardiology
http://www.acc.org/
Information from the American College of Cardiology.

Society of Thoracic Surgeons
http://www.sts.org/
Information specific to thoracic surgeons.

American Heart Association
http://www.amhrt.org/
A site for consumers and healthcare professionals. The professionals' section is

INTERNET RESOURCES

Cardiology

by Patricia Arter, Affiliate Librarian, Spencer S. Eccles Health Sciences Library

"a comprehensive resource containing many of AHA's frequently-used references including scientific statements, treatment guidelines, information about conferences, Continuing Medical Education, research grants and more." Five AHA journals (tables of contents, abstracts, and subscription information) are available at the site: *Arteriosclerosis, Thrombosis, and Vascular Biology*; *Circulation*; *Circulation Research*; *Hypertension*; and *Stroke.*

The *AHA's Heart & Stroke Guide* contains information on almost 300 subjects (from "Animals in Research" to "Vegetarian Diets") from the American Heart Association. Scroll down the alphabetical list, click on a letter of the alphabet, or search on keywords or concepts.

CLINICAL TRIALS

CenterWatch: Clinical Trials Listing Service
http://www.centerwatch.com/
CenterWatch Clinical Trials Listing Service is an international listing of clinical research trials. You can use this listing to search for clinical trials, find out information about physicians and medical centers performing clinical research, and to learn about drug therapies newly approved by the Food and Drug Administration. You may also sign up for e-mail notification service, which will inform you of future postings in a particular therapeutic area.

GENERAL MEDICINE AND CARDIOLOGY SITES

Health on the Net Foundation
http://www.hon.ch
An international initiative, HON is dedicated to realizing the benefits of the Internet and related technologies in the fields of medicine and healthcare. Check out their Global Hospital Project plan and progress statements (http://www.hon.ch/project.html).

Included on HON: free access to MEDLINE with unlimited use; HON Projects; World Wide Medical Search; Hospitals on the Net; Support Communities; HON Library (papers from conferences and various other medical sources); Conferences and Events (upcoming and past) listed in a very complete index; Media Gallery (searchable database of medical images and movies from various sources); Tools and Technology.

Heart Surgery Forum
http://www.hsforum.com/HeartSurgery/HomeHSF.html
The Heart Surgery Forum (HSF) is an information center for the electronic distribution of manuscripts, abstracts, commentary, and other developments in the field of Cardiac Surgery. The Forum was established to improve the distribution of new ideas, discoveries, surgical techniques and pertinent data from all sources, both academic and non-academic. It is based in Seattle. The Forum was developed by Mark M. Levinson, MD, a cardiac surgeon in practice at Providence Medical Center, Seattle.

INTERNET RESOURCES

Cardiology

by
Patricia Arter,
Affiliate Librarian,
Spencer S. Eccles Health Sciences Library

NEWS GROUPS

Cardiovascular Related Newsgroups
http://www.acc.org/am/acc96itc/sites/newsgrps/newsgrps.htm
Lists of and links to newsgroups in various cardiology disciplines.

SUPPORT GROUPS

Heartlink
http://www.pcug.co.uk/~rwall/
A support group "for heart patients of any age," this is an excellent site which has been cited as among the top 5% of all Web sites by Point Survey and received the Web Pilot's Wings Award. There is a vast amount of information presented in very readable language (e.g. "What is a Coronary Artery Stent?") and many links to other important sites (Mayo Clinic, Johns Hopkins, Cardiology Newsgroup, Health A to Z, etc.) This site also claims to provide 24 hour/day advice and support, and is kept very up-to-date.

E-MAIL LISTS

Cardio - Consult
CARDIO-CONSULT Mail List
Subscription Address: *LISTSERV@SHRSYS.HSLC.ORG*
Subscription Message: SUBSCRIBE CARDIO-CONSULT your name
A moderated email network for cardiovascular professionals to discuss case studies, research, and clinical experiences.
Contact: John Mack, VirSci Corporation, *johnmack@hslc.org*

Preventive Cardiology
The Cardiac Prevention Research Center is supported by Dalhouise University and Marion Merrill Dow. To subscribe: Send e-mail to *mailserv@ac.dal.ca.*

Pediatric Cardiology
PEDIHEART is a mailing list for discussions about pediatric cardiology.
To subscribe: Send e-mail to *heart@medisun.ucsfresno.edu* and include your name, title, position, regular mailing address, and e-mail address.

OpenHeart
This list specializes in clinical and investigative questions relevant to the practicing cardiac surgeon. To subscribe: Send e-mail to *AUTOSHARE@ hsforum.com,* with copy to *moderator@hsforum.com,* leave subject blank and in the body type *subscribe OpenHeart-L your_full_name*

Heart List
Heart List covers all aspects of heart disease. Subscribers include patients and professionals. To subscribe: Send e-mail to *heart-list@BIOMED.MED. ALE. EDU.* The list owner is james.revkin@yale.edu

CAMPUSWIDE SEMINARS, CLASSES AND SHORT COURSES

Medical Informatics Seminars

UUCC Internet and Computer Seminars

UUCC Short Courses

Marriott Library Short Courses

Medical Informatics Seminars

During Winter Quarter 1997, Medical Informatics Seminars will be presented on Tuesdays, NOON - 1:00 pm in Classroom B (Gates Lecture Hall), School of Medicine Building, University of Utah. Presenters are from the University of Utah, School of Medicine, Department of Informatics. Point your reader to the Department of Informatics home page: **http://www.med.utah.edu/medinfo** for the current schedule.

UUCC Internet and Computer Seminars

The University of Utah Computer Center offers **FREE** Internet Seminars for students, faculty and staff of the University of Utah. No preregistration is required, but seating is limited. Information is not specific to any particular platform, unless indicated. Each seminar includes a lecture on the indicated topic, followed by hands-on experience and/or questions on any topic. All classes meet at NOON in 3465 MEB and last 1 to 2 hours.

An electronic version of the schedule is available at: **http://www.cc.utah.edu/training/.** For further information, contact the Computer Center Help Line at (801) 585-4357 (585-HELP).

UUCC Short Courses

The University of Utah Computer Center (UUCC) offers a variety of short courses. Register at class location (see below); non-students pay at 3440MEB. Course sections may be canceled if less than 5 people are registered 2 hours prior to class time, or less than 5 people are present. Refunds will only be issued if the course section is canceled by the instructor, or registrant cancels at least 2 hours prior to class time. Make refund request within 2 weeks of class date, in 3440 MEB. Costs: Students ... FREE; Faculty, Staff, Spouse... $15.00; Non-University ...$50.00 Ability to use a Macintosh computer on a basic level is required for all MAC courses listed except for Introduction to the Mac. Ability to use an IBM compatible computer on a basic level is required for all PC courses listed except for Introduction to the PC.

An electronic version of this schedule is available at: **http://www.cc.utah.edu/training/.** For further information, contact the Computer Center Help Line at (801) 585-4357 (585-HELP).

Marriott Library Short Courses

Marriott Library offers short courses on the use of electronic databases (including Lexis/Nexis, FirstSearch, UMI Periodical Abstracts and InfoTrac), Internet tools (such as Listservs, Newsgroups, Telnet, Archie, and FTP, Gopher and the World Wide Web) and electronic sources in various subject areas. The Winter schedule will be made available via Marriott Library's Web site: **http://www.lib.utah.edu/instruction/mltech.html.** For further information, contact Kenning Arlitsch, Technology Instruction Librarian, (801) 585-3721, INTERNET: karlitsch@alexandria.lib.utah.edu

NETWORK ACCESS TO 1,000 JOURNALS

by
Wayne J. Peay,
Director,
Spencer S. Eccles
Health Sciences
Library

Over ten years ago, work began on building a high-speed data network for the University. At that time, one of the first questions was when would the network bring the full-text of journals to the desktop. Finally, the technology has matured to the point that the full-text of journals is now appearing over the network. *Biochemical Journal*, *Biochemistry*, *Environmental Science and Technology*, *Journal of Biological Chemistry, Journal of Molecular Biology* can be accessed via the Spencer S. Eccles Health Sciences Library's home page - **http://www-medlib.med.utah.edu.**

On December 1, 1996 over 1,000 journals will become accessible over the network. This experiment in electronic access to journals was made possible by an unprecedented partnership between higher education, public education and public libraries. Begun last spring with the development of a statewide RFP for access to electronic journals, eleven proposals were evaluated and the Information Access Company (IAC) was selected to provide network access to bibliographic databases and full-text resources. While the strength of the collection is in business journals, publications in the health sciences are included in the Expanded Academic ASAP and the Health Reference Center databases.

This will be an interesting experiment in statewide access to electronic publications, but full-text access has not yet developed to the point that libraries can cancel print copies of these publications. Many issues like network and archival access have not been resolved. The library is very interested in your comments and suggestions which can be sent through the feedback feature of the library's home page or directly from: **http://www-medlib.med.utah.edu/eccles/feedback.html.** The address for access to the IAC databases is **http://www.searchbank.com/searchbank/utah_main.** Databases available include:

Gen'l Reference Ctr Gold (GPIP) 1992 - Nov 1996
Use to find items from magazines, newspapers and reference books on current events, entertainment, the arts, science and technology, politics, international relations and health care.

Gen'l Reference Ctr (Magazine Index) 1992 - Nov 1996
Use to find items from magazines, newspapers and reference books on current events, entertainment, the arts, science and technology, politics, international relations and health care.

Health Reference Center 1992 - Nov 1996
Use to find articles on: Fitness, Pregnancy, Medicine, Nutrition, Diseases, Public Health, Occupational Health & Safety, Alcohol and Drug abuse, HMOs, Prescription Drugs, etc.

Expanded Academic ASAP 1993 - Nov 1996
Use to find information on: Astronomy, Religion, Law, History, Psychology, Humanities, Current Events, Sociology, Communications and the General Sciences.

SuperTOM 1992 - Nov 1996
Use to find items from magazines, newspapers and reference books on current events, entertainment, the arts, science and technology, politics, international relations and health care.

Business Index ASAP 1993 - Nov 1996 with access to Backfile (1982 - 1992)
Use to find articles on: Finance, Acquisitions & Mergers, International Trade, Money Management, New Technologies & Products, Investments and Banking.

Expanded Academic Index Backfile 1980 - 1992 with access to Backfile (1980 - 1992)
Use to find items from magazines, newspapers and reference books on current events, entertainment, the arts, science and technology, politics, international relations and health care.

Deadline and Mailing List

The purpose of the *IAIMS Newsletter* is to keep the campus community informed on all aspects of computer and information technology as well as on the services provided by the Spencer S. Eccles Health Sciences Library. Articles on computer and information technology events, applications, services, education, etc. are welcome. To contribute articles to the *IAIMS Newsletter*, contact Jeanne M. Le Ber at the address indicated below.

The deadline for the Spring 1997 issue of the *IAIMS Newsletter* is: March 1, 1997.

The *IAIMS Newsletter* is available electronically via the World Wide Web at **http://www-medlib.med.utah.edu/iaims/iaims.html**. If you would like to receive a copy of the electronic version in **PDF format**, send an email message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe IAIMS**

To be added to the **printed** newsletter mailing list, send the following information to: Jeanne M. Le Ber, Editor, *IAIMS Newsletter*, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. VOICE: (801) 581-5534. FAX: (801) 581-3632. INTERNET: jeannele@ecclab.med.utah.edu.

***IAIMS NEWSLETTER* MAILING LIST**

Please add my address to the **printed** *IAIMS Newsletter* Mailing List.

Name: _____

University of Utah Department: _____

University of Utah Campus Address: _____

Company/Institution: _____

Address: _____

City: _____

State/Zip Code: _____

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INFOFAIR '97

INTERNET STRATEGIES for Health Data and Education

THURSDAY, APRIL 24, 1997

presented by
The University of Utah
Spencer S. Eccles Health Sciences Library

sponsored by
THE UNIVERSITY OF UTAH
HEALTH SCIENCES CENTER

INFOFAIR is an annual event at the University of Utah Health Sciences Center with the goal of providing up-to-date information on computer applications, resources and services as well as a glimpse into the future of computers and computing in the health sciences.

The theme of InfoFair '97 is: **Internet Strategies for Health Data and Education**. Paul D. Clayton, Ph.D., Professor and Chair, Department of Medical Informatics, Columbia University will present The Clifford C. Snyder and Mary Snyder Lecture on the morning of InfoFair '97. Dr. Clayton's presentation titled: "Confidentiality of Patient Data in the Age of the Internet" will explore the issues of maintaining privacy, confidentiality and security of electronic medical records in today's networked environment. The "Meet the Experts Panel Discussion" will feature panelists who will join Dr. Clayton in discussing the broader issues of privacy, confidentiality and security for all types of data (educational, research, financial, personal) and will answer your questions on where we are today at the University of Utah and where we want to be in the future.

The afternoon presentations at InfoFair '97 offer two possible tracks to pursue: The Health Data Track or The Education Track. In the Health Data Track, find out about the Utah Health Information Network, the Utah Hospital Discharge Database and expert systems based on clinical data. Creating and using Web-based course materials in support of health sciences education will be the focus of the Education Track.

There is NO EXHIBIT AREA this year. InfoFair '97 exhibits are reachable via the InfoFair '97 Web site: **http://www-medlib.med.utah.edu/infofair/** with links to vendors of hardware, software and databases, and to University of Utah services and applications.

INFOFAIR '97 COORDINATOR

JOAN M. GREGORY *Associate Librarian, Technical Services, Spencer S. Eccles Health Sciences Library, University of Utah* Joan M. Gregory received her Masters of Library Science from the University of Rhode Island in 1976 and is a Distinguished Member of the Academy of Health Information Professionals. Joan has coordinated InfoFair since 1988, manages the Library's integrated library system and technical services area and is currently working with all the academic libraries in Utah to implement the Ameritech Horizon integrated library system.

THE CLIFFORD C. SNYDER, M.D. AND MARY SNYDER LECTURER

PAUL D. CLAYTON, Ph.D. *Professor and Chair, Department of Medical Informatics, Columbia University; Director, Clinical Information Systems, Presbyterian Hospital; and Director, New York State Center for Advanced Technology at Columbia.* Paul D. Clayton, a native of Salt Lake City, received his Ph.D. in physics from the University of Arizona in 1973. He then developed and implemented information systems in cardiology, radiology and surgery at LDS Hospital and the University of Utah. He joined Columbia in 1987 as director of the Center for Medical Informatics and professor of medical informatics. He became chairman of the newly created Department of Medical Informatics in 1994. When Dr. Clayton joined Columbia, he led efforts to build an integrated information system for the medical center, an effort supported by an Integrated Academic Information Management System (IAIMS) grant from the National Library of Medicine. He was also active in creating an advanced clinical information system with decision-making capability now widely used at Columbia-Presbyterian Medical Center. Dr. Clayton is an elected fellow of the American College of Medical Informatics and the Institute of Medicine. Dr. Clayton chairs a National Research Council committee addressing issues of confidentiality of health records on the National Information Infrastructure. He was on the board of directors of the American Medical Informatics Association from 1993 to 1995 and is now president-elect.

THE CLIFFORD C. SNYDER, M.D. AND MARY SNYDER LECTURE ABSTRACT

CONFIDENTIALITY OF PATIENT DATA IN THE AGE OF THE INTERNET

Is it possible to maintain confidentiality and security of electronic medical records in the Age of the Internet? To answer this question we must define privacy, confidentiality and security of information. We must develop technical means to: identify and authenticate potential users, limit access to authorized users, transport data over public networks, guarantee data integrity and prevent repudiation. However, the most challenging aspects of the problem concern policy at the local, national and global level. Fair information practice dictates that a patient know how clinical data will be used and stored, that the custodian will protect the data appropriately, and that there will be a means of redress. However, authorized users of data desire access for a variety of legitimate reasons. Policy is necessary to determine the trade-offs between absolute security and practical means of access.

A recent scenario published by the Computer Science and Telecommunication Board of the National Research Council illustrates how widely a patient's data can be disseminated and examines the potential damages which might occur. The report surveys current practices and recommends technical and policy measures which should be considered as part of regulations which were recently mandated.

INFOFAIR PRESENTERS AND PANELISTS

RICK ASH, Ph.D., *Associate Professor, Department of Neurobiology and Anatomy, University of Utah*

JAMES BAGGOTT, Ph.D., *Associate Professor, Department of Biochemistry, Allegheny University of the Health Sciences*

DONALD BLUMENTHAL, Ph.D., *Associate Professor, Department of Pharmacology and Toxicology, University of Utah*

SHARON E. DENNIS, *Associate Librarian, Computer & Media Services, Spencer S. Eccles Health Sciences Library , University of Utah*

REED M. GARDNER, Ph.D., *Professor and Chair, Department of Medical Informatics, University of Utah, and Co-Director, Medical Informatics, LDS Hospital*

BRYAN L. HARMAN, *Utah 2000 Security Analyst, Administrative Computing Services, University of Utah*

BART "C" KILLIAN, *Executive Director, Utah Health Information Network (UHIN)*

EDWARD KLATT, M.D., *Associate Professor, Department of Pathology, University of Utah*

DENISE LOVE, R.N., M.B.A., *Director, Office of Health Data Analysis, Utah Department of Health*

JEAN E. NASH, *Director, Resource for Genetic and Epidemiologic Research, Office of the Vice President for Research, University of Utah*

WAYNE J. PEAY, *Director, Spencer S. Eccles Health Sciences Library, University of Utah*

C. MATTHEW PETERSON, M.D., *Associate Professor, Division of Reproductive Endocrinology and Fertility, University of Utah*

INFOFAIR '97

INTERNET STRATEGIES for Health Data and Education

Thursday, April 24,1997

Program

PROGRAM

THE CLIFFORD C. SNYDER, M.D. AND MARY SNYDER LECTURE AND PANEL DISCUSSION

Location: George and Dolores Eccles Institute of Human Genetics Auditorium

9:30-10:45 AM **Introduction** *Wayne J. Peay*

Confidentiality of Patient Data in the Age of the Internet *Paul D. Clayton, Ph.D.*

10:45-11:00 AM **Refreshments**

11:00 AM-NOON **Meet the Experts Panel: Confidentiality of Data in the Age of the Internet**
Paul D. Clayton, Ph.D.; Reed M. Gardner, Ph.D.; Bryan L. Harman; Bart "C" Killian; Denise Love, R.N., M.B.A.; Jean E. Nash; Wayne J. Peay

LUNCH (on your own)

HEALTH DATA TRACK

Location: George and Dolores Eccles Institute of Human Genetics Auditorium

1:00-1:50 PM **The Utah Health Information Network: Challenges and Opportunities**
Bart "C" Killian

2:00-2:50 PM **Utah Health Care Data for Consumers and Professionals via the Internet**
Denise Love, R.N., M.B.A.

3:00-3:50 PM **Adding Value with Computerized Decision Support**
Reed M. Gardner, Ph.D.

EDUCATION TRACK

Location: History of Medicine Room, Upper Level, Spencer S. Eccles Health Sciences Library

1:00-1:50 PM **Creating Web-based Course Materials: Ideas and Possibilities**
Sharon E. Dennis

2:00-2:50 PM **Automatic Generation of Web-based Course Materials**
Sharon E. Dennis

3:00-3:50 PM **Faculty Panel: Using Technology to Support Health Sciences Education**
Rick Ash, Ph.D.; James Baggott, Ph.D.; Donald Blumenthal, Ph.D.; Edward Klatt, M.D.; C. Matthew Peterson, M.D.

EXHIBITS

There is **NO EXHIBIT AREA** this year. InfoFair '97 exhibits are reachable via the Web at the InfoFair '97 Web site: **http://www-medlib.med.utah.edu/infofair/** with links to vendors of hardware, software, and databases, and to University of Utah services and applications.

HEALTH DATA TRACK ABSTRACTS

THE UTAH HEALTH INFORMATION NETWORK (UHIN): CHALLENGES AND OPPORTUNITIES

Bart "C" Killian, Executive Director, Utah Health Information Network (UHIN)

The challenges of gathering a broad cross section of administrative data and the opportunities there are for deriving useful clinical data from the resource will be highlighted. The data is provided by UHIN to a statewide health data repository maintained by the Office of Health Data Analysis.

UTAH HEALTH CARE DATA FOR CONSUMERS AND PROFESSIONALS VIA THE INTERNET

Denise Love, R.N., M.B.A., Director, Office of Health Data Analysis, Utah Department of Health

The mission of the Office of Health Data Analysis is to collect, analyze, and disseminate health care information to the public and to support health care reform initiatives. The Utah Hospital Discharge Database and consumer reports are available via the Web at http://161.119.100.19/hda/hda.html.

ADDING VALUE WITH COMPUTERIZED DECISION SUPPORT

Reed M. Gardner, Ph.D., Professor and Chair, Department of Medical Informatics, University of Utah, and Co-Director, Medical Informatics, LDS Hospital

Clinical data in HELP, a large hospital information system, is used by a variety of expert systems to improve the quality of decision making and of patient care.

EDUCATION TRACK ABSTRACTS

CREATING WEB-BASED COURSE MATERIALS: IDEAS AND POSSIBILITIES

Sharon E. Dennis, Associate Librarian, Computer & Media Services, Spencer S. Eccles Health Sciences Library, University of Utah

What can the World Wide Web do to enhance teaching and learning? Web-based course materials created by the Knowledge Weavers team at the Spencer S. Eccles Health Sciences Library will be demonstrated. Information will be presented about services which the team can offer University of Utah health sciences faculty who are interested in creating online resources. Examples will include lecture materials, slide and video databanks, interactive case studies, multimedia lectures, and quiz banks.

AUTOMATIC GENERATION OF WEB-BASED COURSE MATERIALS

Sharon E. Dennis, Associate Librarian, Computer & Media Services, Spencer S. Eccles Health Sciences Library, University of Utah

Do you want to create learning materials on the World Wide Web to support your courses, but don't have the time to learn the technical details? Come see a variety

EDUCATION TRACK ABSTRACTS

of online templates which allow faculty to easily generate course materials by simply filling out online forms using any Web browser! Demonstrations will include the *Faculty Instructional Toolkit* for creating an online course syllabus; *ImageCat*, an automated document generator for displaying image banks; *VideoCat*, an automated document generator for displaying digital video; a template for creating multiple choice quizzes with feedback; and a presentation building program for creating online lectures using *RealAudio*.

FACULTY PANEL: USING TECHNOLOGY TO SUPPORT HEALTH SCIENCES EDUCATION

Rick Ash, Ph.D., James Baggott, Ph.D., Donald Blumenthal, Ph.D., Edward Klatt, M.D. and C. Matthew Peterson, M.D.

Come and ask questions of other faculty who have created learning materials using technology. Rick Ash, Ph.D. created the *HyperHistology* computer-based learning program. James Baggott, Ph.D. created the *Integrated Biochemistry Learning Series HyperCard* program as well as *NetBiochem*, a Web-based learning program. Donald Blumenthal, Ph.D. created *NetPharmacology* on the World Wide Web to help students learn cardiac pharmacology. Edward Klatt, M.D. created *WebPath*, an internationally acclaimed pathology learning resource on the Web. C. Matthew Peterson, M.D., created a Web site to support the Human Reproduction component of the sophomore organ systems course.

THE CLIFFORD C. SNYDER, M.D. AND MARY SNYDER LECTURESHIP

Dr. Clifford C. Snyder, Professor of Surgery, founded the Division of Plastic and Reconstructive Surgery at the University of Utah School of Medicine in 1967 and served as chair of that division until 1985 when he was appointed Professor Emeritus of Surgery and Associate Dean of the School of Medicine. Throughout his career, Dr. Snyder has been an ardent supporter of the library. Dr. Snyder's endowment of The Clifford C. Snyder, M.D. and Mary Snyder Lectureship provides funding for the featured presentation at InfoFair.

SPECIAL ASSISTANCE PROVIDED BY

The Staff and the Public Relations Team of the
Spencer S. Eccles Health Sciences Library
The George & Dolores Eccles Institute of Human Genetics
The University of Utah School of Medicine
Department of Medical Informatics
Office of Continuing Medical Education
The University of Utah Health Sciences Center
Office of Public Affairs

REGISTRATION

InfoFair '97 is **FREE. REGISTRATION IS NOT REQUIRED.**

DIRECTIONS

The Spencer S. Eccles Health Sciences Library is located on the University of Utah Health Sciences Center Campus just south of the University Hospital/School of Medicine Building and northeast of the Nursing Building. The George and Dolores Eccles Institute of Human Genetics is located southeast of the Library. Signs on Wasatch Drive and North Medical Drive mark the route to the Spencer S. Eccles Health Sciences Library. A brochure on "Transportation to Eccles Library" is available by calling (801) 581-5534 or via the Web at: **http://www-medlib.med.utah.edu/infofair/trans.pdf**

Parking at the University is quite a challenge at times. Parking passes are available from the Parking Services Office located on the west side of Wasatch Drive. Come early as parking spaces fill up quickly! For a parking brochure or further information about parking at the University of Utah, contact Parking Services at (801) 581-6415. Parking Service Office hours are: 7:30 am - 5:00 pm Monday - Friday. The University Department of Parking and Transportation Services provides free shuttles across campus from 6:00 am to 6:00 pm Monday - Friday. Contact Shuttle Customer Service (801) 581-4189 for details. The Utah Transit Authority (UTA) serves the University of Utah with 21 direct routes including two express routes from Weber and Utah counties. Call UTA at (801) 287-4636 for details and schedule information.

COORDINATORS

Christopher R. Anderson, Financial Coordinator
Patricia Y. Arter, Chair, Public Relations Team
Niloofar Bakhti, Facilitators Coordinator
Sharon E. Dennis, Education Track Coordinator
Nina E. Dougherty, Health Data Track Coordinator
Faye K. Hadley, Hospitality Coordinator
Nancy E. Litz, Equipment Coordinator
Wayne J. Peay, The Clifford C. Snyder, M.D. and Mary Snyder Lectureship Coordinator

QUESTIONS

If you have questions about InfoFair, please contact us:

Reference Department
Spencer S. Eccles Health Sciences Library
University of Utah, Building 589
Salt Lake City, UT 84112
PHONE: (801) 581-5534 or 581-5269 or 581-8771
FAX: (801) 581-3632
INTERNET: joang@ecclab.med.utah.edu
URL: http://www-medlib.med.utah.edu/infofair/

Spencer S. Eccles Health Sciences Library
University of Utah
Building 589
Salt Lake City, Utah 84112

IAIMS NEWSLETTER

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UNIVERSITY OF UTAH HEALTH SCIENCES CENTER • PUBLISHED BY THE SPENCER S. ECCLES HEALTH SCIENCES LIBRARY • UNIV. OF UTAH • BLDG. 589 • SALT LAKE CITY, UTAH, 84112 •PHONE: (801) 581-5534 • FAX: (801)581-3632 •EDITOR: JEANNE M. Le BER • INTERNET: JEANNELE@ECCLAB.MED.UTAH.EDU• URL: http://www-medlib.med.utah.edu/iaims/iaims.html

Keeping Up With Electronic Resources

Pioneer - Utah's Online Electronic Library

Pioneer, Utah's Online Electronic Library, intends to provide comprehensive research resources for the citizens of Utah. The site currently includes full text literature databases, newspapers and Utah State Archives.

Full text resources are available through IAC SearchBank, an electronic resource provided by the Information Access Company. Over 1,000 journals are accessible over the network. (See *IAIMS Newsletter,* v.12(3) page 14 for details.)

Newspapers currently accessible from Pioneer are the *Salt Lake Tribune,* and the *Deseret News* archived back to 1994.

Pioneer also provides direct links to the online library catalogs of the colleges and universities in Utah.

These resources are brought to Utah citizens through the combined efforts of public libraries, higher and public education, the Utah Education Network (UEN), and state government in Utah. There are plans for additional electronic resources in the future.

Pioneer can be accessed from the Spencer S. Eccles Health Sciences Library home page at **http://www-medlib.med.utah.edu/** and then clicking on Pioneer; or directly from **http://pioneer.uen.org/**

IN THIS ISSUE

Pioneer 1
Library Services News: Library Hours 2
Introducing...Camille Salmond 2-3
Knowledge Weavers Update 3
MEDLINE & CINAHL Databases Update 3-4
Workshops and Classes 4-8
Slice of Life News 8-10
Internet Resources Related to the Physician Assistant Profession 10-11
Campuswide Seminars, Classes and Short Courses 12
Outreach Services: GM, IGM and GMWIN 13
MEDLINE: Free For "U" 14-18
IAIMS Newsletter Deadline and Mailing List 19

LIBRARY SERVICES NEWS

Library Hours

The Spencer S. Eccles Health Sciences Library begins Spring Quarter hours March 31, 1997. Summer Break hours are June 14 to June 29, 1997. Summer Quarter hours begin June 30.

Spring Quarter Hours March 31 to June 3, 1997

Monday - Thursday	7:00 am - 11:00 pm
Friday	7:00 am - 8:00 pm
Saturday	9:00 am - 8:00 pm
Sunday	11:00 am - 11:00 pm
Memorial Day, May 26, 1997	7:00 am - 11:00 pm

Spring Quarter Extended Hours June 4 to June 13, 1997

Monday - Thursday	7:00 am - 12 midnight
Friday	7:00 am - 11:00 pm
Saturday	9:00 am - 11:00 pm
Sunday	11:00 am - 12 midnight
Thursday, June 12, 1997	7:00 am - 11:00 pm
Friday, June 13, 1997	7:00 am - 8:00 pm

Summer Quarter Break Hours June 14 to June 29, 1997

Monday - Friday	7:00 am - 8:00 pm
Saturday	9:00 am - 6:00 pm
Sunday	Closed

Summer Quarter begins Monday, June 30, 1997

Introducing... Camille Salmond, Senior Library Specialist, Interlibrary Loans, Spencer S. Eccles Health Sciences Library

The "Introducing..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Camille Salmond.

Camille is a life-long resident of Salt Lake City, Utah, but has traveled extensively throughout the world. At various times she has lived in Taiwan and Jerusalem, and visited Greece, Egypt, Europe, Hong Kong, and Japan, to name just a few.

She is married with two small children who monopolize most of her free time away from work. Her hobbies include reading, cooking, music and Jazz basketball games. She also loves to plan and organize parties and social events.

Camille started working at Eccles Library when she was a student at the University of Utah in 1976. After graduating in Secondary Health Education, she left the library for thirteen years working as a stock transfer agent. But her interests in health sciences brought her back to Eccles Library six years ago. Utilizing her degree in the health sciences has given her more professional satisfaction and proven a strong asset to her position in the Library.

As the supervisor of the Interlibrary Loan (ILL) Department, Camille oversees document delivery services in addition to ordering materials not owned by the

Introducing... Camille Salmond

Eccles Library. Articles and other information are obtained for patrons via various databases, electronic journals and other document delivery services on the World Wide Web. Working to improve ILL service, Camille is a member of several consortia, maintaining contacts with libraries throughout Utah and around the country. Camille and her staff are noted for their friendly and prompt service to patron requests. We invite you to visit Camille and her staff in the ILL department, or contact them by phone (801) 581-5282, fax (801) 581-3632 or even visit their home page (http://www-medlib.med.utah.edu/ILL/ill.html).

KNOWLEDGE WEAVERS UPDATE

by
Sharon E. Dennis, Associate Librarian, Spencer S. Eccles Health Sciences Library

The mission of the Knowledge Weavers project at the Spencer S. Eccles Health Sciences Library is to create multimedia resources to support health sciences education. Two new Web sites produced by the Knowledge Weavers team are now available.

The Human Reproduction Web site
http://www-medlib.med.utah.edu/human_reprod/
This Web site was designed to support the University of Utah School of Medicine sophomore organ systems course. Resources include seminars linked to slides and video, over 250 interactive test questions with feedback, lecture materials and clinical cases, and much more. The Web site was created by C. Matthew Peterson, M.D. in conjunction with the Knowledge Weavers team.

Multiple Sclerosis Tutorial
http://www-medlib.med.utah.edu/kw/ms/
This tutorial on Multiple Sclerosis, which includes lectures and a video, is now available. Topics include epidemiology and prevalence, clinical presentation, diagnosis, treatment, and prognosis. The tutorial may be used interactively or printed for future reference. The tutorial was created by John W. Rose, M.D.; Maria K. Houtchens, MSII; Sharon G. Lynch, M.D.; and the Knowledge Weavers team.

The Knowledge Weavers team is in the process of creating new resources in a variety of subject areas (including Biochemistry, Pathology, Cardiology, and Endocrinology) which will become available on the Web in the next few months. For information, see the Web site at **http://www-medlib.med.utah.edu/kw/** or contact Sharon E. Dennis at sdennis@ecclab.med.utah.edu or (801) 585-3928.

MEDLINE & CINAHL DATABASES UPDATE

If you are using MacSPIRS to access MEDLINE, CINAHL and other databases available from Eccles Library, you need to be aware that the method of access has changed. We are now serving our databases over the Internet rather than through guest accounts on the Novell network. All MacSPIRS clients must be reconfigured to access our ERL (SilverPlatter's Electronic Reference Library) server. Complete instructions are available on our Web site at: **http://www-medlib.med.utah.edu/reference/ spirs/macspirs.html**

Instructions for reconfiguring MacSPIRS are also available in the *Access To Databases: Macintosh Client* brochure. The brochure is available at the Reference Desk. If you would like a brochure mailed to you through Campus

MEDLINE & CINAHL DATABASES UPDATE

Mail, please call the Reference Desk at (801) 581-5534.

Windows Users: the WinSPIRS client instructions are also available in both Web and brochure format. (**http://www-medlib.med.utah.edu/reference/spirs/winspirs.html**).

Contact Nancy Lombardo at (801) 581-5241 if you need assistance or have any questions about using the MacSPIRS or WinSPIRS client software to access the Eccles Library databases.

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

Sessions are FREE unless otherwise indicated.

Classes for which a fee is charged require payment in advance to reserve your place in the class.

The workshops and classes described below are presented on a regular basis by the faculty of the Spencer S. Eccles Health Sciences Library. Schedules are printed in the Fall, Winter, Spring and Summer issues of the *IAIMS Newsletter*. The Spring Quarter 1997 schedule is printed below. The schedule is also available electronically via the Library's Web site: **http://www-medlib.med.utah.edu/ education/workshop.html**. Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly.

Sessions are FREE unless a charge is indicated. Classes for which a fee is charged require payment in advance to reserve a place in the class. Registration is on a first-come/first-served basis. **Please fill in the registration form below and return it to the library with your payment.** A postcard will be sent to confirm your registration. Phone registration will be accepted for classes that do not have a fee. To register for one of the free classes or for more information, call (801) 581-5534.

LOCATION: Computer Classrooms, Lower Level, Eccles Library (unless otherwise indicated).

Workshops and Classes Registration Form
Spencer S. Eccles Health Sciences Library
Bldg 589 / University of Utah / Salt Lake City, UT 84112

Please fill in the following information completely and return to the above address. Registration for classes is accepted by mail or in-person, and is on a first-come/first-served basis. Payment must accompany registration. Your registration will be confirmed by mail. Make check payable to: Eccles Library.

Name: _____ Phone: (w) _____ Phone: (h) _____
Address: _____
City/St/Zip: _____
Class name: _____
Class date: _____ Class time: _____ Cost of class: _____
❑ Yes! Send me a UU parking day pass for $2.50 Cost of parking: _____
Total enclosed:

ECCLES LIBRARY CLASSES

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Tours and Orientations

Tours and orientations are conducted to familiarize faculty, staff and students with library resources and services. Brief tours introduce users to information sources and location of library materials, and present an overview of available services. Detailed instruction in the use of compact disc databases, subject-specific sources, and other reference sources can be arranged. Contact instructor to arrange for a tour or orientation. Instructor: Patricia Arter; (801) 581-4686 or (801) 581-5534; INTERNET: parter@ecclab.med.utah.edu.

Introduction to CD–ROM Databases

Participants learn the basic mechanisms for searching CD-ROM databases that are available at the Eccles Library. Databases include: Aidsline, Bioethicsline, CINAHL (Nursing & Allied Health Literature), HealthSTAR, MEDLINE, Sport Discus, TOXLINE and PsycLIT. Arrangements can be made for a date and time that better suits your schedule. Instructors: Patricia Arter; (801) 581-4686; INTERNET: parter@ecclab.med.utah.edu, or Mary McFarland, (801) 581-5534; INTERNET: marym@ecclab.med.utah.edu.

Wednesday, April 9, 1997	3:30 pm - 4:30 pm
Monday, April 28, 1997	2:30 pm - 3:30 pm
Friday, May 9, 1997	2:30 pm - 3:30 pm
Monday, May 19, 1997	3:00 pm - 4:00 pm

Win & Web: MEDLINE Today

This 3 hours, hands-on class will focus on effective techniques for searching the Windows and Web versions of SilverPlatter MEDLINE. The course will also examine and evaluate "free" versions of MEDLINE on the World Wide Web. Instructor: Mary E. Youngkin; (801)581-5534; INTERNET: maryy@ecclab.med.utah.edu.

Thursday, May 1, 1997 11:00 am - 2:00 pm

Basics of Searching MEDLINE on the NLM System

Participants learn the basics of searching MEDLINE online on the NLM system in this 8-hour, hands-on class, taught in two 4-hour segments. MeSH vocabulary and search strategy, as well as NLM online search protocols are included. $30 for U of U students, staff and faculty; $50 for all others. Contact the instructors to arrange for a class. Instructors: Mary E. Youngkin; (801)581-5534; INTERNET: maryy@ecclab.med.utah.edu, or Nina E. Dougherty, (801) 581-8771; INTERNET: nina.dougherty@m.cc.utah.edu

Grateful Med

Grateful Med is the National Library of Medicine's searching software for accessing the MEDLARS databases in either an IBM compatible or Macintosh environment. Contact the instructor to arrange for a class. Instructor: Kathleen M. McCloskey; (801) 585-5743; INTERNET: kmc@ecclab.med.utah.edu.

Internet FTP: Or, how to retrieve and install stuff!

This class will teach participants how to find and retrieve software and documents over the Internet using *Netscape and WS_FTP*. Basic requirements for accomplishing a successful FTP will be explained. Essential tools for decompressing Zip files and checking for viruses will be downloaded using *Netscape,* installed and used during class. *WS_FTP*, a highly functional transfer

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

Sessions are FREE unless otherwise indicated.

Classes for which a fee is charged require payment in advance to reserve your place in the class.

Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly

program for the PC will also be examined and used. Participants may bring two 3.5 inch disks and take the essential tools home with them. Prerequisites: Familiarity with *Netscape*, Windows platform and using a mouse. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructor: Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu.

Tuesday, April 29, 1997 PC 9:00 am - Noon

Finding Information on the Internet

Learn how to search for the information you need on the Internet using *Netscape*. This class explains how to navigate the Internet using *Netscape* and offers instruction and hands-on practice in how to use Internet directories, indexes, meta indexes and other Internet searching tools to find the Internet resources you need. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu or Nina E. Dougherty, (801) 581-8771; INTERNET: nina.dougherty@m.cc.utah.edu

Wednesday, May 21, 1997 PC 9:00 am -11:30 am

Introduction to HTML

Learn how to create documents to be served over the World Wide Web using the HyperText Markup Language (HTML). This course will cover the basics of HTML coding as well as good document design practices. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu.

Tuesday, April 22, 1997 PC 9:00 am - NOON

Advanced HTML

This hands-on workshop will cover several advanced HTML features including forms, tables, and imagemaps. Participants will practice using existing CGI scripts, such as CGIEMAIL, to receive input from forms. Prerequisite: Knowledge of basic HTML. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu.

Wednesday, May 7 PC 1:30 pm - 4:30 pm

Creating Multimedia for the Web

This hands-on workshop will cover methods for creating graphics, sound, and video for use on the World Wide Web. Learn how to scan and convert graphics into appropriate formats for the Web, how to decide when to use appropriate graphics formats for the desired purpose, how to deal with color palette issues on different platforms, and how to incorporate graphics into Web pages. Participants will also learn about appropriate audio and video file formats and methods, including the use of "streaming" audio and video and using various plug-ins for delivering audio and video. The workshop will be taught using the Windows

ECCLES LIBRARY CLASSES

Descriptions and Schedules

For more information, call (801) 581-5534

Sessions are FREE unless otherwise indicated.

Classes for which a fee is charged require payment in advance to reserve your place in the class.

Special sessions and subject-specific sessions for those affiliated with the University of Utah may be arranged by contacting the instructors directly

platform. Participants may be expected to share a computer. Pre-requisite: Becoming a World Wide Web Information Provider (Introduction to HTML) or equivalent knowledge and experience. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructor: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu

Wednesday, May 7, 1997 PC 9:00 am -12:30 pm

Creating Educational Presentations Using PowerPoint

Learn how to use PowerPoint 7.0 to create slide presentations on the computer. This course will cover basics of PowerPoint, good design practices, and techniques for using multimedia in your PowerPoint presentations. Cost: $5 for students; $25 for University of Utah faculty and staff; $50 all others. Instructors: Sharon E. Dennis; (801) 585-3928; INTERNET: sdennis@ecclab.med.utah.edu, or Nancy Lombardo; (801) 581-5241; INTERNET: nlombardo@ecclab.med.utah.edu. or Jeanne M. Le Ber; (801) 581-5534; INTERNET: jeannele @ecclab.med.utah. edu.

Monday, May 19, 1997 PC 12:30 pm -2:30 pm

Bibliographic Management

Learn how to manage your reprint files and create properly formatted bibliographies for your publications using either *EndNote* or *ReferenceManager*. Instructor: Jeanne M. Le Ber; (801) 581-5534; INTERNET: jeannele@ecclab.med.utah.edu.

***EndNote* for the Macintosh**
Monday, May 12, 1997 MAC 2:00 pm - 4:00 pm

***ReferenceManager* for Windows**
Friday, May 30, 1997 PC 2:00 pm - 4:00 pm

Medical Center/Small Computer Users Group

MC/SCUG is an informal group of computer users who enjoy keeping informed about the latest developments in computer applications. There is no membership fee. Meetings are scheduled irregularly based on the need to publicize new library technologies and/or services. Meetings will be announced via the MC/SCUG mailing list. If you are interested in receiving email notification of future MC/SCUG meetings, send an email message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe MCSCUG**

Web Developers' Group

Location: History of Medicine Room, Eccles Library

The Web Developers' Group is an informal group of faculty, staff and students who are interested in publishing on the World Wide Web to support education, research, and patient care. The purpose of the group is to share information in this rapidly changing field; all levels of expertise are welcome. The group will be moderated by Sharon Dennis and Nancy Lombardo of the Eccles Health Sciences Library. No meetings Spring Quarter. Meetings will resume in June.

ECCLES LIBRARY CLASSES

InfoFair

InfoFair is an annual computer and information event that provides an opportunity for health professionals to obtain up-to-date information on computer applications, resources and services and a glimpse into the future of computers and information technology in the health sciences. Coordinator: Joan M. Gregory; (801) 581-5269; INTERNET: joang@ecclab.med.utah.edu.

Thursday, April 24, 1997 9:30 am - 4:30 pm

SLICE OF LIFE

8th Annual Slice of Life Workshop

June 25-28, 1997

Just a reminder that the **8th Annual Slice of Life Workshop** will be held June 23rd-28th, 1997 in Chicago, Illinois. The workshop is being hosted by the University of Chicago. For information on workshop registration and accommodations please contact Marlene Goldberg at: **marlene@delphi.bsd.uchicago.edu** or visit the Slice of Life Workshop Web site at **http://slice97.uchicago.edu**

For information concerning submissions for the Sandoz Software Award please contact Michael Thelin at: **amthelin@ecclab.med.utah.edu** or visit the Slice of Life Web page at **http://www-medlib.med.utah.edu/sol/**

SLICE OF LIFE NEW PRODUCTS & SERVICES

by Michael A. Thelin, Senior Library Specialist, Slice of Life Spencer S. Eccles Health Sciences Library

The Slice of Life project encompasses a wide range of activities. Here is a listing of new products and services available.

Slice of Life VII videodisc. The videodisc sells for $300 (those qualified individuals and institutions may obtain the disc at the upgrade price of $150). This new edition of the videodisc incorporates frame imagery from previous releases of the disc and in addition some 5,600 new frames and 65 motion sequences. Of particular significance is the inclusion of over 1,600 images taken from the *William Boyd Collection of Diseased Human Organs.* The Boyd collection images on Slice VII are hand-tinted photographs organized by twelve systems and described by patients' histories, specimen descriptions, autopsy findings, and cross-references to the original museum acquisition numbers.

One of Slice of Life's most popular programs, *Embryo Images*, has now been made available to PC users. The program, which is an interactive tutorial designed to teach mammalian embryology, was introduced in 1994. *Embryo Images* is oriented by organ system and includes nine separate units. The price of the program is $400 for a single copy, $800 for a site license.

The *Interactive Brain Atlas*, produced as part of the University of Washington's Digital Anatomist Program is a Macintosh-based CD-ROM that presents computer generated, dynamic 3-D reconstructions of the brain and its component parts. The program can be added, as a module, for use with *HyperBrain 1.0.* The cost of the *Interactive Brain Atlas* is $200.

NeuroClinic is a comprehensive, interactive *SuperCard* guide to clinical neurology that was authored by this year's recipient of the Sandoz Software

SLICE OF LIFE NEW PRODUCTS & SERVICES

by Michael A. Thelin, Senior Library Specialist, Slice of Life Spencer S. Eccles Health Sciences Library

Award, David Schimp. *NeuroClinic* features 413 neurological conditions with over 1,000 definitions and hundreds of test questions. With links to over 1,500 frames images (still and motion) on the *Slice of Brain I* videodisc, *NeuroClinic* is a dynamic tool for rapid access to medical information. *NeuroClinic* is available as a single copy for $250; $500 for a site license.

Virgil Pathology Lessons is the result of a project developed by the pathology department at Vanderbilt University. The program comprises over 60 lessons covering general and systemic pathology. Each lesson includes multiple digitized images of gross and microscopic specimens with explanatory drawings and text. Representative lessons include basic response to injury, hemostasis, wound healing, atherosclerosis and diseases of the aorta, lung infections, vascular diseases of the kidney, and brain infections. A feature of *Virgil Pathology Lessons* is the ability to display multiple images simultaneously for comparison of gross and microscopic changes and correlation of standard histology with special studies such as ultrastructure, fluorescence microscopy, and immunocytochemistry. Each lesson includes a "slide-show" that allows display of any pair of images from the lesson. *Virgil Pathology Lessons* is a Macintosh-based program that sells for $300 for a single copy; $1,200 for a site license. A student version of the program sells for $75.

In addition to these new programs in the Slice of Life catalog, there are a number of product upgrades. *Dermatology for Medical Students* (version 4.60) is available for $225 single copy; $400 site license. *Dermatology for Medical Students*, an algorithmic approach to dermatologic diagnosis, is an interactive, Macintosh-based program for third and fourth-year medical students.

GuidePATH (version 1.65) is a Macintosh-based, interactive (with the Slice of Life videodisc) instruction program for teaching pathology to second-year medical students. *GuidePATH* contains 2,863 gross and microscopic as well as x-rays and charts. *GuidePATH* is available for $525 for GRIPE members; $625 for non-members.

Introduced in 1995, *HyperBrain 1.0* is a core resource for neuroscience education. This new version of HyperBrain can be used with either the *Slice of Life VI* or *Slice of Brain I* videodiscs. *HyperBrain 1.0* is available for $400 single copy; $800 site license (upgrade pricing to previous versions of *HyperBrain* are available).

HyperHeart 3.0 is a completely re-worked interactive program linked to frame imagery on the Slice of Life videodisc. The program can be used either with or without the videodisc. This new version of *HyperHeart* more resembles the navigational attributes found in *HyperBrain*. *HyperHeart 3.0* is available for $350 single copy; $600 site license (upgrade pricing to previous versions of *HyperHeart* are also available).

Physiology Tutor and Tester (version 4) is a PC-based program for review and self-evaluation of basic medical physiology. The new version of the program has had many new modules added making *Physiology Tutor and Tester* an even more useful application. *Physiology Tutor and Tester* has been designed to serve as a

SLICE OF LIFE

study aid for preparation for medical physiology courses and for the physiology component of the National Board Exam. *Physiology Tutor and Tester* is available as a single copy for $75; $175 for a site license.

For additional information on what's new with Slice of Life please visit the Slice of Life Web site at **http://www-medlib.med.utah.edu/sol/sol.html** or call (801) 581-8694 for further information.

INTERNET RESOURCES

Internet Resources Related to the Physician Assistant Profession

by
Nancy T. Lombardo
Affiliate Librarian, Systems
Spencer S. Eccles Health Sciences Library

There is a growing collection of Internet information related to the Physician Assistant Profession. Whether an Internet user wants to find out about educational programs, job opportunities or current trends in the profession, there is valuable information to be found online. Internet resources can provide PAs with opportunities for professional development, personal growth and communication with other professionals around the country and the world. Listed here are some of the more prominent resources in the field.

COLLECTIONS OF INFORMATION

MedWeb/PA
http://www.gen.emory.edu/MEDWEB/keyword/Physician_Assistants.html
MedWeb contains over 8000 links relating to the health sciences. It is supported by the Emory University Health Sciences Center Library.

WEB SITES

American Academy of Physician Assistants (AAPA)
http://www.aapa.org/
AAPA is the only national organization that represents Physician Assistants (PAs) in all specialties and all employment settings. Its membership also includes Physician Assistant students and supporters of the profession.

AAPA List of Accredited PA Programs (by state)
http://www.aapa.org/pgmlist.htm
American Academy of Physician Assistants maintains this site listing Physician Assistant Programs. All programs listed have been accredited by the Commission on Accreditation of Allied Health Education Programs as of November 1, 1996.

The National PAPAGE
http://www.papage.com/papage/
The Internet's first and foremost independent resource for and about the Physician Assistant profession. This site is probably the most comprehensive PA site on the Web. It contains general information about the PA profession, a national PA email address directory, links to free MEDLINE sites on the Net, and an index for the *PA Journal*, listings of PA Programs, CME opportunities, employment possibilities, as well as links to other PA resources on the Internet.

Nursing and Allied HealthWeek
http://www.healthweek.com/

INTERNET RESOURCES

Internet Resources Related to the Physician Assistant Profession

by
Nancy T. Lombardo
Affiliate Librarian, Systems
Spencer S. Eccles Health Sciences Library

This electronic journal offers the latest news, resources, and opportunities for those in the Nursing and Allied Health Professions. There are featured articles, job information, and links to other resources and information on continuing education. The site highlights news on regulatory, political and research information relevant to these professions.

Physician Assistant Resources
http://www.orst.edu/instruct/exss132/papage.html
This page is maintained by an individual and provides links to professional organizations, educational programs, World Wide Web sites, newsgroups, and email lists relating to the PA Profession.

Society of Emergency Medicine Physician Assistants (SEMPA)
http://www.morgan.net/mwinters/sempa.htm
This site provides information about the SEMPA organization, explains the mission of the group and outlines membership options. It includes ACEPs guidelines for the use of PAs in the ER and many links to other Emergency Medicine Sites on the Web.

A unique feature of this site is the SEMPA Self Assessment Exam. This self assessment tool is designed as an independent study program to direct Physician Assistant, towards the level of professional competency required to function in the area of emergency medical treatment. A bibliography of Emergency Medicine texts is available, with links allowing online purchase.

Student Academy of the American Academy of Physician Assistants (SAAAPA)
http://www.aapa.org/saaapa/
This page is run by PA students and graduate PAs for student PAs across the country. They work to bring you the most current information relevant to PA students in the United States. This page was developed by and formerly known as the National Physician Assistant Student Homepage.

MAILING LISTS

Listname	Description
pafaculty	Discussion of PA faculty issues
paforum	General discussion of PA issues
pajournal	Discussion about *PA Journal* articles and editorials
primarypa	Discussion of issues relating to primary care
studentpa	Discussions relating to PA students and potential PA students

To join any of these mailing lists, send the message **subscribe "listname"** (example: subscribe studentpa) to: **Majordomo@list.mc.duke.edu**

You should receive a Welcome message within a few hours and then begin receiving all messages sent to the list.

CAMPUSWIDE SEMINARS, CLASSES AND SHORT COURSES

Medical Informatics Seminars

UUCC Internet and Computer Seminars

UUCC Short Courses

Marriott Library Short Courses

Medical Informatics Seminars

During Spring Quarter 1997, Medical Informatics Seminars will be presented on Tuesdays, NOON - 1:00 pm in Classroom B (Gates Lecture Hall), School of Medicine Building, University of Utah. Presenters are from the University of Utah, School of Medicine, Department of Informatics. Point your reader to the Department of Informatics home page: **http://www.med.utah.edu/medinfo** for the current schedule.

UUCC Internet Seminars

The University of Utah Computer Center offers **FREE** Internet Seminars for students, faculty and staff of the University of Utah. No preregistration is required, but seating is limited. Information is not specific to any particular platform, unless indicated. Each seminar includes a lecture on the indicated topic, followed by hands-on experience and/or questions on any topic. All classes meet at NOON in 3465 MEB and last 1 to 2 hours.

An electronic version of the schedule is available at: **http://www.cc.utah.edu/training/.** For further information, contact the Computer Center Help Line at (801) 585-4357 (585-HELP).

UUCC Short Courses

The University of Utah Computer Center (UUCC) offers a variety of short courses. Register at class location; non-students pay at 3440MEB. Course sections may be canceled if less than 5 people are registered 2 hours prior to class time, or less than 5 people are present. Refunds will only be issued if the course section is canceled by the instructor, or registrant cancels at least 2 hours prior to class time. Make refund request within 2 weeks of class date, in 3440 MEB. Costs: Students ... FREE; Faculty, Staff, Spouse... $15.00; Non-University ...$50.00 Ability to use a Macintosh computer on a basic level is required for all MAC courses listed except for Introduction to the Mac. Ability to use an IBM compatible computer on a basic level is required for all PC courses listed except for Introduction to the PC.

An electronic version of this schedule is available at: **http://www.cc.utah.edu/training/.** For further information, contact the Computer Center Help Line at (801) 585-4357 (585-HELP).

Marriott Library Short Courses

Marriott Library offers short courses on the use of electronic databases (including Lexis/Nexis, FirstSearch, UMI Periodical Abstracts and InfoTrac), Internet tools (such as Listservs, Newsgroups, Telnet, Archie, and FTP, Gopher and the World Wide Web) and electronic sources in various subject areas. The Spring schedule is available via Marriott Library's Web site: **http://www.lib.utah.edu/instruction/mltech.html.** For further information, contact Kenning Arlitsch, Technology Instruction Librarian, (801) 585-3721, INTERNET: karlitsch@alexandria.lib.utah.edu

OUTREACH SERVICES

GM
IGM
GMWIN

by
Kathleen M. McCloskey, Associate Librarian, Outreach Services, Spencer S. Eccles Health Sciences Library

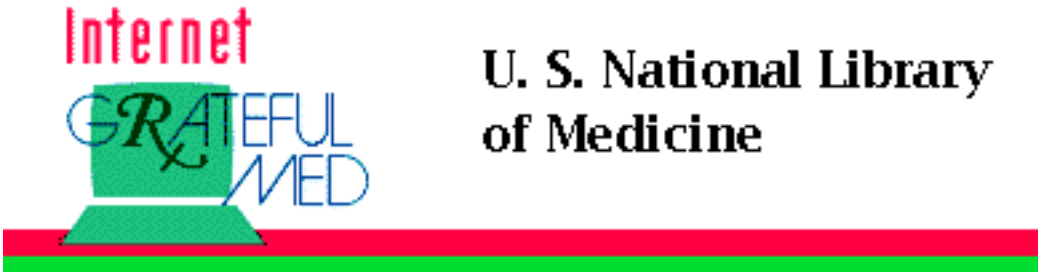
Many changes are taking place in the world of *Grateful Med*. First, *Internet Grateful Med* (*IGM*) was announced last April, then the *Grateful Med/Loansome Doc* (*GM/LD*) access phone number changed in September, and now the long awaited *Grateful Med for Windows* (*GMWIN*) is available. Both *IGM* and *GMWIN* include the *Loansome Doc* component for document delivery. Future plans include an online tutorial for *IGM* that is in development.

For those of you who have an NLM account and Internet access, and would like to check out *Internet Grateful Med*, the URL is: **http://igm.nlm.nih.gov.** The *IGM* search template displays in a Windows format. Search term input is sorted out and mapped to an expanded version of MeSH that has been under development by the National Library of Medicine (NLM) for a number of years. *IGM* came to national attention in July 1996 when Michael DeBakey, MD, wrote a letter to Ann Landers' telling the public about the benefits of using it to access the medical literature. Future Outreach columns will focus on making the most of an IGM search.

GMWIN disks are now being mailed to subscribers. If you don't want to wait for your disk to arrive and you have access to the Internet, you can download the software directly from the Internet. The URL for this information is: **http://www.nlm.nih.gov/databases/gmwin.html**. Instructions for downloading are very explicit and you can always call the MEDLARS Service Desk (800-638-8480) for help. In addition, the new user's guide for *GMWIN* can be downloaded in portable data format (PDF). For example userguid.pdf. The User's Guide (458 K) has 3 parts: the Installation and Setup section (95 K); the Overview of *Grateful Med* (365 K); and the Troubleshooting section (62 K).

You will need to have the *Adobe Acrobat* software on your computer in order to print these PDF files. To make the process more convenient, if you do not have *Adobe Acrobat*, NLM has included a hot button that allows you to download the software to your computer's desktop. This is easy to do. The *Adobe Acrobat* software is very useful for other Internet downloads and a good program to have on your machine.

For now, *GMWIN* only allows access to MEDLINE databases. If you search other databases (e.g. AIDSLINE, ChemID, HealthSTAR, TOXLINE, etc.), you may want to keep your DOS version until *GMWIN* offers access to these databases. In the next issue of the *IAIMS Newsletter*, I'll offer tips and more information on *GMWIN* , and keep you posted on changes and updates. Also, Outreach Services will be setting up training for both *IGM* and *GMWIN*. If you'd like to schedule a training session, call Kathleen McCloskey at (801) 585-5743.



MEDLINE FREE FOR "U"

by
Mary E. Youngkin, Associate Librarian, Reference Services, Spencer S. Eccles Health Sciences Library

If you live in Utah and are interested in accessing the MEDLINE database, there are many free options. MEDLINE is produced by the National Library of Medicine (NLM) in Bethesda, Maryland. It is offered for a reasonable fee on their MEDLARS system, either through direct command searching, the front-end software *Grateful Med*, or via the Web through *Internet Grateful Med*. (See article on page 13 of this issue of the *IAIMS Newsletter*.)

NLM also makes their tapes available to a wide variety of commercial vendors who have created their own interfaces. The University of Utah provides free access to the database for students, staff, and faculty and provides links to Web versions for non-university clientele.

UNIVERSITY OF UTAH OR UALC USERS

SilverPlatter MEDLINE 1983-1997

The Eccles Library and the Utah Academic Library Consortium (UALC) offer access to SilverPlatter's version of MEDLINE utilizing client software for Windows or Macintosh, or by using a Web browser and SilverPlatter's WebSPIRS software.

Instructions for downloading, installing and reconfiguring the clients are located on the Eccles Library MEDLINE page at **http://www-medlib.med.utah.edu/reference/medline.html**. UALC instructions are at **http://www-medlib.med.utah.edu/reference/medualc.html.** (See also the Update article in this newsletter on page 3.)

The Windows software (WinSPIRS) is particularly powerful and versatile, offering full boolean capabilities, hierarchical searching utilizing the MeSH vocabulary, highlighted hits, and much **faster** retrieval than any Web version of the database.

University of Utah or UALC students, staff or faculty not wishing to load client software may simply point their browsers to **http://medstat.med.utah.edu/cgi-bin/ webspirs_disp** or click on the "Search WebSPIRS" icon on our MEDLINE page: **http://www-medlib.med.utah.edu/reference/medline.html**. The WebSPIRS version is also linked from Marriott Library's database page at: **http://www.lib.utah.edu/dbaccess/uu.html**

Access to this service is limited to IP addresses from the University of Utah or one of the other UALC schools: BYU, USU, Westminster, CEU, etc.

UNIVERSITY OF UTAH USERS ONLY

FirstSearch MEDLINE: 1985-1997

The FirstSearch version of MEDLINE is available in two formats from Marriott Library. A Web version is accessible at: **http://www.lib.utah.edu/dbaccess/uu.html** or you may telnet to Infogate:

telnet infogate.lib.utah.edu
select "i" for FirstSearch
select "8" for Medicine & Health
select "6" for MEDLINE

MEDLINE FREE FOR "U"

by
Mary E. Youngkin, Associate Librarian, Reference Services, Spencer S. Eccles Health Sciences Library

While the FirstSearch version lacks the hierarchical searching capability of SilverPlatter, it offers a "hook to holdings" feature. Once records are retrieved, searchers may type "lib" to see a brief summary of libraries with holdings for that journal. Utah holdings will display first. (In the Web version, simply click on "Libraries with Item.") It also has excellent help screens, both for general manipulation of FirstSearch databases, and for searching the MEDLINE file.

Community of Science MEDLINE: 1965-1997
Also available on Marriott Library's database page: **http://www.lib.utah.edu/dbaccess/uu.html.** (See the discussion below.)

NON-UNIVERSITY OF UTAH USERS

For non-University of Utah users, or those utilizing a commercial Internet provider, many other options exist. An excellent starting point is on the Medical Matrix Page from Slack Incorporated in New Jersey: **http://www.slackinc.com/matrix/medline.html**. Dr. Gary Malet maintains an updated, ranked, annotated list of MEDLINEs on the Web. His rankings include cost, usage restrictions, search features, concept matching, advantages, other comments, and full-text access or document delivery. They can be displayed either in list or table format, and each service is linked from the Matrix page. (The MEDLINE Access table from Medical Matrix is represented on page 18 of this newsletter.)

Some examples:

Community of Science
http://muscat.gdb.org/repos/medl/
The Community of Science MEDLINE from Johns Hopkins, offers sophisticated access to the full run of MEDLINE from 1965 forward. Searchers have many options and lots of online help.

Search the entire Medline Database, the first menu option, provides access to all of MEDLINE via a "compact" field searching interface which displays commonly-used fields: Title, Author, Institutional affiliation, Journal Name, Abstract, MeSH Heading, and Year. Query boxes are also available for Section (i.e. year of publication), UNIQUE ID (the unique identification number assigned to each MEDLINE record by the National Library of Medicine), Volume, Page, Language, and Type (i.e., record type).

Retrieval can be requested either in list or tabular format, and the system includes a "Citation Manager" which allows downloading of all or selected records in formats such as HTML, ASCII, *EndNote*, or *ReferenceManager* with the fields you want (i.e., author, title, source, abstract, MeSH Headings, etc.)

Searches can be restricted by a *Secondary Search* feature, which allows the combination of multiple search queries.

Other search options include: *Advanced Interface for Information Specialists, Search Using Natural Language and Fuzzy Logic*, and *Browse or Search Medline by MeSH Terms.*

MEDLINE FREE FOR "U"

by
Mary E. Youngkin,
Associate Librarian,
Reference Services,
Spencer S. Eccles Health Sciences Library

The MeSH option allows you to search for MeSH terms, browse them, apply subheadings, and gather entire subject categories of information just as in SilverPlatter or "online" MEDLINE from NLM.

This is an excellent version of MEDLINE with search options on many levels. Note: Searching directly or via the Matrix page is usually faster than via the University of Utah entry point on Marriott Library's home page, but may not remain free.

HealthGate
http://www.healthgate.com/HealthGate/MEDLINE/search.shtml
HealthGate, "Your online source for health, wellness, and biomedical information," offers free MEDLINE searching sponsored by advertising, many consumer resources, and access to other databases for a fee.

Dr. Malet rates this service very highly and describes it as "an intuitive interface that gives advanced users many options to focus queries. The full text delivery service is relatively expensive." My assessment is that while it is probably appropriate for consumers and the occasional MEDLINE user, the serious researcher may find it lacking, and its animated advertising irritating. The basic interface is simple and unintimidating, but has no help screens. It assumes you don't know what you're doing, and utilizes ReADER(™) Technology to "translate your words automatically into the appropriate indexing terminology, command language, or search query necessary." This is great for the novice, but not for the expert. Even the "advanced" option lacks search flexibility. Each search is a separate entity. One cannot manipulate previous search "statements" or retrieval.

I do agree with Dr. Malet on the expense of full text. Each citation retrieved has the linked statement "Order full text of this document," and conveniently pastes the selected citation onto a form. This is document delivery, not electronic full text. Articles sent in US Mail are $20, and faxes are $35.

NLM's PubMed MEDLINE Retrieval System
http://www4.ncbi.nlm.nih.gov/PubMed/
"PubMed is an experimental service of the National Center for Biotechnology Information (NCBI) at the National Library of Medicine (NLM). PubMed has been developed in conjunction with publishers of biomedical literature as a search tool for accessing literature citations and linking to their full-text versions at publishers' Web sites. PubMed searches the 9 million citations in MEDLINE supplemented by pre-MEDLINE citations which do not yet have MeSH index terms and by citations supplied electronically by publishers."

PubMed utilizes the NCBI Entrez retrieval engine to search the entire MEDLINE database plus citations from NLM's new PreMEDLINE file, which is updated daily. Furthermore, citations from a small set of journals are linked with publisher's home pages. When full text is available, this is indicated on the citation/abstract display with "Links" and a button with the journal name. The link takes you directly to the article if you have agreements with the publishers. Note: Most journals require you to subscribe or pay a fee in order to view the full

MEDLINE FREE FOR "U"

by
Mary E. Youngkin,
Associate Librarian,
Reference Services,
Spencer S. Eccles Health Sciences Library

text of an article. Eccles Library has arranged electronic access for most of the journals on the list and is negotiating for the others. The linked journals are: *Biochemical Journal, Journal of Biological Chemistry, Journal of Clinical Investigation, Journal of Neuroscience, New England Journal of Medicine, Nucleic Acids Research,* and *Science*.

PubMed is exciting for several reason.

- It offers access to PreMEDLINE, which is much more current than MEDLINE. For example, the February 27th issue of *Nature* was entered into the PreMEDLINE database on March 4. That's approximately a month ahead of the online MEDLINE and considerably ahead of what's included in SilverPlatter.
- The Entrez retrieval engine is extremely fast for a Web interface.
- The links to full text hopefully will expand greatly and become the model we've all been waiting for ... a powerful and usable search engine linked directly to text.

These are only three of the many versions listed on the Medical Matrix page. Others are excellent as well. As with everything on the Web, MEDLINE resources are constantly changing. Dr Malet has done an excellent job of regularly updating the Medical Matrix page and the Eccles Library will attempt to notify you of any changes we've made in MEDLINE services. Announcements are made on our Web page, in the *IAIMS Newsletter*, and via library faculty who act as liaisons to departments.

If you've discovered exciting resources or would like to offer feedback on this article, please send email to maryy@ecclab.med.utah.edu. For further information or assistance, please contact the Eccles Reference Department in person, by phone (801) 581-5534 or via email: reference@ecclab.med.utah.edu.

The **Medline Access** table on the following page is from the Medical Matrix Web site (**http://www.slackinc.com/matrix/MEDLINETABLE.HTML**) and is reproduced with the permission of Dr. Gary Malet, Medical Informatics Fellow, and Family Physician at Oregon Health Sciences University.

MEDLINE ACCESS

Service	Community of Science ★★★★	HealthGate ★★★	NLM's PubMed ★★★	Medscape ★★★	Helix from Glaxo ★★★	PhyNet ★★★	PDRnet.Com ★★★
Cost	Free	Free	Free	Free	Free	Free	Free
Usage Restrictions	Immediate access, Fee after 2/28	Immediate access, Medline 1990 - current	Immediate access, "Experimental"	Registration	U.S. Professional Registration	Immediate access	Physician DEA Registration
Search Features	Natural Language, Boolean	Boolean	Boolean Operators	Boolean Symbols	N/A	N/A	N/A
Concept Matching	MeSH	MeSH	MeSH	N/A	MeSH	MeSH	N/A
Advantages	★Integrated MeSH, Multiple Selection Criteria	Advanced Option	★preMedline, Publisher Web Sites	★ Integration with Full Text Articles	Advanced Options, Icons	Fast Connect	N/A
Comments	Tabular Pick List, Tracks Queries, ★ Citation Formatter	Limited search criteria, Ads, Slow Connect	Complex Help & Query	Ads, No Reference Manager, Limited Search Criteria	Limited Search Criteria, Uses SilverPlatter	Limited Search Criteria, Construction, No Reference Manager	N/A
Full-text Access	None	$20.00	None	$8+ fee	$16.75 Fax	$8+ fee	N/A

Service	PDRnet.Com ★★★	Avicenna ★★★	SilverPlatter ★★	Knowledge Finder ★★	Internet Grateful Med ★★	Ovid On Call ★★	Infotrieve ★★	Paper Chase ★★
Cost	Free	Free	Fee	Free Trial	Fee-based	Fee-based	Free	Fee-based
Usage Restrictions	Physician DEA Registration	Registration, 90-current	Registration	Registration	Complex Registration	Complex Registration	N/A	Registration
Search Features	N/A	N/A	N/A	★ Natural Language, Boolean	N/A	Natural Language	N/A	N/A
Concept Matching	N/A	MeSH	MeSH	N/A	MeSH	MeSH	N/A	MeSH
Advantages	N/A	★ Multiple search criteria, ★ MeSH Search Focus	Icon Driven, Adv. Options	Handsome Interface	★ Integrates MeSH, ★ Help Features	★★ Hyperlinks Full Text, Help Menus	N/A	Relevance Ranking
Comments	N/A	No Reference Manager, Advanced Option	Limited Search Criteria	N/A	NLM's Frontier Interface	Institutional Interface	N/A	Multiple Search Criteria, Databases
Full-text Access	N/A	None	$12.75 incl.	None	E-mail Delivery	Fee-based	N/A	N/A

IAIMS NEWSLETTER

Deadline and Mailing List

The purpose of the *IAIMS Newsletter* is to keep the campus community informed on all aspects of computer and information technology as well as on the services provided by the Spencer S. Eccles Health Sciences Library. Articles on computer and information technology events, applications, services, education, etc. are welcome. To contribute articles to the *IAIMS Newsletter*, contact Jeanne M. Le Ber at the address indicated below.

The deadline for the Summer 1997 issue of the *IAIMS Newsletter* is: June 1, 1997.

The *IAIMS Newsletter* is available electronically via the World Wide Web at **http://www-medlib.med.utah.edu/iaims/iaims.html**. If you would like to receive a copy of the electronic version in **PDF format**, send an email message to: **listserv@ecclab.med.utah.edu.** The text of the message you send should include ONLY the following words: **subscribe IAIMS**

To be added to the **printed** newsletter mailing list, send the following information to: Jeanne M. Le Ber, Editor, *IAIMS Newsletter*, Spencer S. Eccles Health Sciences Library, University of Utah, Building 589, Salt Lake City, UT 84112. VOICE: (801) 581-5534. FAX: (801) 581-3632. INTERNET: jeannele@ecclab.med.utah.edu.

***IAIMS NEWSLETTER* MAILING LIST**

Please add my address to the **printed** *IAIMS Newsletter* Mailing List.

Name: _____

University of Utah Department: _____

University of Utah Campus Address: _____

Company/Institution: _____

Address: _____

City: _____

State/Zip Code: _____

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Salt Lake City, Utah 84112

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IAIMS NEWSLETTER

A quarterly publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Fall 1997 *Volume 13 Number 1*

Compact Shelving for Journal Area

During September the Spencer S. Eccles Health Sciences Library is installing a Spacesaver Power Assist High Density Mobile Shelving System in the lower level journal area. Capacity for journal storage will increase from 13 to 25 ranges of material along the east wall. New shelving will be mounted on tracks with an electronically powered carriage which allows access to individual aisles. When installation is complete, all older journal material will be redistributed, making room for 5 years of growth. In addition, government documents will be moved from the main floor to the compact shelving area making room for ten years of current journals to remain on the main level.

Funding for this project has been provided through a generous grant by the George S. and Dolores Doré Eccles Foundation.

More Terminals, Greater Electronic Access

In order to accommodate the growing demand for electronic access, the main level reference area of the Spencer S. Eccles Health Sciences Library is being redesigned. The redesign plan includes the addition of two new public access centers located south of the Reference Desk. Each hexagonal center provides six workstations capable of accessing both local and remote resources. Utilizing existing furniture and equipment, four additional workstations will also be available. Funding for the additional computer workstations has been provided by the University Task Force on Computing. The project will be completed by October 1997.

Reference resources and services are being transformed by access to electronic sources. While retaining archival value, printed indexes and directories are becoming virtually obsolete in an increasingly electronic environment. In the course of providing reference services, the Eccles Library provides students, staff and faculty with assistance in the use of, and access to MEDLINE, CINAHL, Toxline, HealthSTAR and other bibliographic databases; the library's online catalog, HORIZON, other library catalogs within the state and nation; full-text electronic textbooks and journals; Web-based directories, databases, and full-text materials; and electronic U.S. Government Documents, which, in many cases, are no longer available in print format. The direct benefit of these services is demonstrated by their high utilization. Increased access and assistance is particularly important as the School of Medicine implements its curriculum reform, emphasizing evidence-based learning and the utilization of computers in the development of life long learning skills.

In This Issue

Compact Shelving for Journal Area 1
More Terminals, Greater Electronic Access 1
Outreach Services 2
Library Workshops and Classes 2
Evidence-Based Medicine World Wide Web Resources 3-4
Introducing...Niloofar Bakhti 4
Online Catalog Software Upgraded 4
Libraries 2000: A Statewide Library Initiative 5
More Electronic Journals 5-6
Assistive Technology with *Open Book* 6
Email Options! 6-7
IAIMS Newsletter Deadline and Mailing List 7
Library Hours & Phone Numbers 8

Outreach Services

Contract Signed With Central Utah AHEC

by Kathleen McCloskey, Librarian, Outreach Services
Spencer S. Eccles Health Sciences Library

Area Health Education Centers (AHEC's) are federally funded programs with the mission to "improve the supply and distribution of health care professionals, with an emphasis on primary care, through community/academic educational partnerships, to increase access to quality health care." For more than 25 years AHEC's have been providing continuing education, student recruitment projects and library services. Historically health sciences libraries and librarians have been heavily involved with AHEC's, providing information access to rural health care practitioners.

At a recent AHEC workshop in San Antonio, AHEC librarians presented reports on information access projects underway in Georgia, North Carolina, and Wisconsin. Much of the focus of these projects was on electronic linking and delivery of health resources. Librarians at the Southwest Georgia AHEC and Mercer University School of Medicine created a network of library services and updates to which health professionals subscribe. In North Carolina, presenters reported on the "Impact of the 'Culture of the Clinic' on Electronic Information at Community Teaching Practices." In a rural Wisconsin AHEC, a grant has just been received to coordinate cataloging of health sciences resources for better access by rural practitioners.

In 1996 the Utah AHEC was funded and began operation under the direction of Michael Magill, MD and Deborah Turner, RN, BS. The Utah AHEC is described on their Web page at: **http://wwwrad.med.utah.edu/ahec/ahec.htm/.** The main program office is located in the University of Utah Health Sciences Center, but the first center office operates out of Snow College in Ephraim, under the direction of Clyde L Bailey, III. The Central Utah AHEC (CU-AHEC) also has offices in Richfield and Delta. A second center, the Southwest Utah AHEC (SU-AHEC), under the direction of Dennis Moser, just opened and is in the process of selecting a board of directors. SU-AHEC operates out of Southern Utah University in Cedar City.

This month a contract will be signed between the Spencer S. Eccles Health Sciences Library and the Central Utah AHEC to provide library and information services to health sciences professionals in Wayne, Sevier, Piute, Juab, Millard, and San Pete counties. In addition to traditional library services such as providing articles and books to practitioners, a number of classes will be offered. Classes include the Internet and World Wide Web, searching the National Library of Medicine Web-based databases, and basic Windows95. Surveys to determine information and training needs are planned for this fall. Contact Kay McCloskey, at 801-585-5743, or email kmc@lib.med.utah.edu for more information or to schedule training.

Contacts for the Utah AHEC's are listed below. Let them know what they can do to help in your community.

Utah AHEC Program Director, Michael Magill	
Associate Director, Deborah Turner	801-581-8634 x402
CU-AHEC Center Director, Clyde L. Bailey, III	801-283-7588
Richfield Program Director, Russell Pierson	801-896-9753
Delta Program Director, Pam Lyman	801-864-2000
SU-AHEC Center Director, Dennis Moser	801-865-8453

Library Workshops and Classes

Tours and Orientations
To schedule call Patricia Arter at 801-581-4686

Introduction to CD-ROM Databases

Wednesday, October 8, 1997	10:30 A.M. - 11:30 A.M.
Wednesday, October 8, 1997	3:00 P.M. - 4:00 P.M.
Friday, October 17, 1997	10:30 A.M. - 11:30 A.M.
Friday, October 17, 1997	3:00 P.M. - 4:00 P.M.
Tuesday, November 4, 1997	10:30 A.M. - 11:30 A.M.
Wednesday, November 12, 1997	3:00 P.M. - 4:00 P.M.
Monday, November 17, 1997	2:00 P.M. - 3:00 P.M.

***MEDLINE Today: Windows & Web**

Monday, October 20, 1997	11:00 A.M. - 1:30 P.M.
Wednesday, November 5, 1997	11:00 A.M. - 1:30 P.M.
Wednesday, December 3, 1997	11:00 A.M. - 1:30 P.M.

***Internet Search Engines**	PC Lab
Wednesday, November 19, 1997	9:00 A.M. - 11:30 A.M.
***Introduction to HTML**	PC Lab
Wednesday, October 15, 1997	1:00 P.M. - 4:00 P.M.
***Advanced HTML**	PC Lab
Wednesday, October 22, 1997	1:00 P.M. - 4:30 P.M.
Presentations Using *PowerPoint	PC Lab
Friday, November 7, 1997	2:00 P.M - 4:00 P.M.

Bibliographic Management

EndNote Plus	Mac Lab
Friday, November 14, 1997	2:00 P.M - 4:00 P.M.
ReferenceManager	PC Lab
Friday, November 21	2:00 P.M - 4:00 P.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. Classes with a fee (indicated by an asterisk) require pre-payment. For more information, class descriptions, instructor phone number, email address, and registration form, see the Eccles Library Web page at **http://medlib.med.utah.edu/education/workshop.html** – or, please call 801-581-5534.

Evidence-Based Medicine World Wide Web Resources

by Kathleen McCloskey, Librarian, Outreach Services and
Mary Youngkin, Associate Librarian, Reference Services
Spencer S. Eccles Health Sciences Library

The University of Utah School of Medicine incorporated Evidence-Based Medicine (EBM) as a component of the new curriculum with the 100 freshmen medical students who comprise the class of 2001. The following quotes from the home page of the Evidence-Based Medicine Project, Evidence-Based Medicine Working Group of McMaster University, Hamilton, Ontario, Canada, describe evidence-based medicine.

> "Evidence-based health care promotes the collection, interpretation, and integration of valid, important and applicable patient-reported, clinician-observed, and research-derived evidence. The best available evidence, moderated by patient circumstances and preferences, is applied to improve the quality of clinical judgments and facilitate cost-effective health care."
>
> "Evidence-based medicine de-emphasizes intuition, unsystematic clinical experience, and pathophysiologic rationale as sufficient grounds for clinical decision-making, and stresses the examination of evidence from clinical research. Evidence-based medicine requires new skills of the physician, including efficient literature-searching, and the application of formal rules of evidence in evaluating the clinical literature."

REFERENCE: *Evidence-Based Medicine: A New Approach to the Practice of Medicine,* Evidence-Based Medicine Project of the Evidence-Based Medicine Working Group.
http://hiru.mcmaster.ca/ebm/default.htm

Librarians at the Spencer S. Eccles Health Sciences Library have been working with the curriculum reform committee to introduce the concept of database searching to freshmen medical students. As part of the new curriculum, students in Month I will be taught techniques for searching MEDLINE in preparation for a class on identifying the validity of clinical research in the literature.

Electronic resources on EBM on the World Wide Web point to major sources of information about this new and exciting approach to educating medical students. Below are descriptions of those resources. You may access these resources from the Eccles Library Electronic Reference Desk at:
http://medlib.med.utah.edu/reference/ebm.html

American College of Physicians Journal Club
http://www.acponline.org/journals/acpjc/jcmenu.htm
"ACP Journal Club's general purpose is to select published articles according to explicit criteria and to abstract those studies and reviews that warrant immediate attention by physicians attempting to keep pace with important advances in the treatment, prevention, diagnosis, cause, prognosis, or economics of the disorders managed by internists. These articles are summarized in "value-added" abstracts and commented on by clinical experts."

Evidence-Based Medicine from the American College of Physicians: ACP Online
http://www.acponline.org/
Evidence-Based Medicine, a co-publication of the BMJ Publishing Group and the American College of Physicians, is published bimonthly and copyrighted © 1997 by these two organizations.

The Cochrane Collaboration
http://hiru.mcmaster.ca/cochrane/
"The Cochrane Collaboration is an international network of individuals and institutions committed to preparing, maintaining, and disseminating systematic reviews of the effects of health care. In pursuing its aims, the Cochrane Collaboration is guided by six principles: collaboration, building on people's existing enthusiasm and interests, minimizing duplication of effort, avoidance of bias, keeping up to date, and ensuring access. This overview introduces the Collaboration, its objectives and methods."

Journal of Family Practice Journal Club
http://jfp.msu.edu/
The JFP Journal Club is a feature of the *Journal of Family Practice* which "each month reviews over 80 journals to identify 8 articles with patient-oriented outcomes that have the greatest potential to change the way primary care clinicians practice. These articles are then critically appraised by expert family physicians, educators, and/or pharmacologists." Watch this page for a name change to *POEMs: Patient Oriented Evidence that Matters.*

McMaster University EBM Page
http://hiru.hirunet.mcmaster.ca/ebm/
McMaster University was one of the first medical schools to incorporate EBM into their curriculum. This home page contains the quotes used above and offers the following hot links to information about their approach to EBM: Overview, Quicklinks, Quicksearch, Inventory, User's guides, News, Files and Workshop.

MedWeb Problem-Based Learning
http://www.gen.emory.edu/MEDWEB/keyword/problem-based_learning.html
Published by the Emory University Health Sciences Library, this excellent list of Web sites on problem-based learning is updated regularly and considered one of the quality reference lists.

Mount Sinai School of Medicine - EBM
http://www.mssm.edu/library/resources/ebm.htm
Produced by Mt. Sinai Levy librarians Dana M. Lewis and Jean Sullivan, this excellent list of resources and hot links is regularly updated. The hotlink categories are listed in the forms of answers to the following question/categories: What is EBM? How do I find source material to use in EBM? How do I make sense of what I find? How can Levy Library help with EBM? What books and journals for EBM are available on the Internet? What else is useful for EBM?

New York Academy of Medicine - EBM
http://library.nyam.org/library/eblinks.html
This comprehensive list of hotlinks is produced by Patricia Gallagher, librarian at the New York Academy of Medicine. This site is regularly updated and considered one of the quality EBM Web sites lists available.

Oxford University Centre for Evidence-Based Medicine
http://cebm.jr2.ox.ac.uk/
"In order to contribute to its further development (through applied research), to help translate its results into clinically-useful tools and ways of thinking (such as the "number of patients needed to be treated to prevent one event"), and to help health professionals learn how to apply it in the front lines, a Centre for Evidence-Based Medicine has been established at Oxford." These words from the centre's prospectus outline their commitment to EBM.

The home page contains: General Information, a Prospectus of the Centre for Evidence-Based Medicine, Contact details for Centre staff, How to join our mailing list, Members of the Centre, Brief details of Centre members, Publications, Details of the Evidence-Based Medicine journal.

Comments or additions to this list are welcomed. Contact Kathleen McCloskey (kmc@lib.med.utah.edu) or Mary Youngkin (maryy@lib.med.utah.edu).

Introducing...Niloofar Bakhti

Administrative Assistant
Spencer S. Eccles Health Sciences Library

The "Introducing..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Niloofar Bakhti.

Niloofar Bakhti was born and raised in Tehran, Iran. She received her bachelor's degree in accounting from the University of Al Zahra, Tehran, Iran. She left Iran in 1982 to live in Germany and France for a number of years before moving to the United States in January of 1984 with her husband Hassan.

In March of 1984, Niloofar began her career at the Eccles Library. Starting as a shelver, Niloofar was quickly promoted to Stacks Manager, and then Duplication supervisor and evening supervisor. Her responsibilities related to the Duplication Department include processing campus orders, preparing the monthly reports, evaluating and selecting the copy machines, negotiating the contract for the new copy machines, doing the daily deposit, and hiring, training and supervising student assistants. Niloofar also oversees the library permit process.

Niloofar was assigned additional responsibilities in July 1996. Currently, as an administrative assistant, Niloofar is in charge of the cash management for the Eccles Library, she prepares and processes documents for electronic billing, and performs the property inventory.

Niloofar enjoys traveling, swimming and reading, but most of all she loves to help people. She is planning to return to school Winter Quarter to start her master's degree in Social Work, a long-time goal.

Eccles Library Online Catalog Software Upgraded to Version 4.2

The Spencer S. Eccles Health Sciences Library is upgrading its Horizon integrated library system software to version 4.2. New versions of the Macintosh and Windows graphical interface software are now available via the Eccles Library FTP site for use by any Utah citizen and by any individual who has borrowing privileges at any of the Utah academic libraries. *Telnet* and Web versions of the software will be available soon (watch the Eccles Library Web site for an announcement). If you would like to be informed of future upgrades via electronic mail, subscribe to the MC/SCUG mailing list by sending an email message to: maiser@lib.med.utah.edu, the message should contain ONLY the following words: subscribe mcscug

Please contact Joan M. Gregory, 801-581-5269, joang@lib.med.utah.edu with questions about installing or using this software.

Libraries 2000
A Statewide Library Initiative

Wayne J. Peay, Director
Spencer S. Eccles Health Sciences Library

Over the last decade, the college and university libraries in Utah have developed a very successful strategy based on cooperation. These cooperative efforts have led to a statewide building program and the introduction of a variety of electronic information resources and services. For the 1997 session of the Utah State Legislature, the libraries advanced this cooperative strategy to a new level with the development of the Libraries 2000 initiative. Libraries 2000 is intended to redefine the college and university library collections in a statewide context, through cooperative collection development, new electronic resources, improving services and addressing inflation.

For the Spencer S. Eccles Health Sciences Library, the initiative will provide funding for the inflation costs for 1998 journal subscriptions. Last year with no funding for inflation, the library was forced to cancel $50,000 worth of subscriptions. It is expected that the Libraries 2000 initiative will provide funds to recover some of last year's losses. In addition, the library will be leading a pilot project to develop a statewide subject area collection to support nursing instruction. Nursing was selected as a pilot subject area because nursing instruction appears in the curriculum of each of the institutions of higher education. In this pilot, core collections will be supported in each institution with the Eccles Library providing access to secondary/research materials. The process of identifying the books and journals to be included in the core and secondary collections will be based on cooperative selection process involving the libraries and the faculty from each of the institutions. Access to the research at the Eccles Library will limit duplication of titles and provide funds to add books and journals to support research in nursing subject areas. The library will also provide 24 hour delivery of books and articles to other college and university libraries.

More Electronic Journals

Nina Dougherty, Librarian
Spencer S. Eccles Health Sciences Library

The full-text of *JAMA*, *Lancet* and other health-related journals are available to University of Utah Health Sciences Center users in three IAC SearchBank databases which are accessed through Pioneer, *Utah's Online Electronic Library*. Pioneer is reached through the Spencer S. Eccles Health Sciences Library home page, or directly at **http://pioneer.uen.org/**. Users not connected with the University of Utah have access through public libraries and other college and university libraries in the state.

The IAC SearchBank provides indexing and abstracts for articles in a number of journals. Full-text and images are available for approximately one-half of the journals. Some of the journals of interest are in more than one of the three databases. The databases of interest are:

- **Health Reference Center** (HR)– primarily intended for consumers, but also includes the full-text of some important health sciences professional journals, such as *JAMA*, *Lancet* and *Chest*.
- **Expanded Academic ASAP** (EA)– covers a broad core of journals for college level students. Includes full-text of selected health sciences related journals, including some of the clinical journals in Health Reference Center and additional research, nursing and psychology journals. The full-text of a number of sociology journals, popular computer and general news magazines is also in Expanded Academic ASAP.
- **Business ASAP** (BU)– covers business and administration journals and includes the full-text of *Medical Economics* and selected health administration journals.

Journals indexed in MEDLINE that are available in full-text in the three IAC SearchBank databases are listed below. There are additional full-text articles of interest in the database. To view or download a list of the titles in each of the databases, click on the database of interest under IAC SearchBank on the Pioneer home page.

Clinical Miscellaneous	**HR**	**EA**	**BU**
Age & Aging, 1/94	x	x	
American Family Physician, 1/94	x	x	
American Journal of Drug & Alcohol Abuse, 2/94	x		
American Journal of Law & Medicine, 3/94	x	x	
American Journal of Ophthalmology, 1/94	x		
American Journal of Sports Medicine, 1/94	x	x	
American Rehabilitation, 3/94	x		
American Scientist, 7/94		x	
Annual Review of Genetics, 1/94		x	
Annual Review of Microbiology, 1/94		x	
Archives of Environmental Health, 1/94	x		
Archives of Internal Medicine, 1/94	x		
Archives of Pediatrics & Adolescent Medicine, 2/94	x		
The Biological Bulletin, 8/94		x	
BioScience, 1/94		x	
BMJ (British Medical Journal), 1/94	x		
Chest, 1/94	x		
Diabetes, 1/94	x		
Exceptional Children, 2/94	x	x	
Geriatrics, 3/94	x	x	
Hastings Center Report, 1/94	x	x	
Health & Social Work, 2/94		x	
JAMA, 1/94	x	x	
Journal of the American Dietetic Association, 1/94	x	x	
Journal of Community Health, 2/94	x	x	
Journal of Environmental Health, 1/94		x	
Journal of Family Practice	x		
Journal of Rehabilitation	x	x	
Journal of School Health, 1/94	x	x	
Journal of Studies on Alcohol, 7/96		x	

	HR	EX	BU
Lancet, 1/94	x	x	
Medical Economics, 1/94	x		x
Medicine, 1/94	x		
Milbank Quarterly, 6/94	x	x	
Morbidity & Mortality Weekly Report, 1/94	x	x	
Patient Care, 1/94	x	x	
Perspectives in Biology & Medicine, 1/97		x	
Physical Therapy, 1/94	x		
Public Health Reports, 1/94	x	x	
Research Quarterly for Exercise & Sports, 3/94		x	
Studies in Family Planning, 3/94		x	
Western Journal of Medicine, 1/94	x		

Nursing	**HR**	**EX**	**BU**
AORN Journal, 1/96		x	
Clinical Nursing Research, 1/97		x	
J of Child & Adolescent Psychiatric Nursing, 1/97		x	
Nursing, 12/96	x	x	x
Nursing Administration Quarterly, 1/97		x	
Nursing Economics, 1/97		x	
Nursing Forum, 1/97		x	
Regan Report on Nursing Law, 1/97		x	
RN, 1/94	x	x	x

Psychology, Psychiatry & Behavior	**HR**	**EX**	**BU**
American Journal of Community Psychology, 2/94		x	
American Journal of Psychology, 3/94	x	x	
Annual Review of Psychology, 1/94		x	
Archives of Sexual Behavior, 2/94		x	
British Journal of Psychology, 1994-		x	
Journal of Abnormal Child Psychology, 2/94	x	x	
J Am Academy Child & Adolescent Psychiatry, 1/94		x	
J of Child & Adolescent Psychiatric Nursing, 1/97		x	
Journal of General Psychology, 1/94		x	
Journal of Genetic Psychology, 3/94		x	
Journal of Psychology, 1/94		x	
Perspectives in Psychiatric Care, 1/97		x	

Health Administration	**HR**	**EX**	**BU**
Health Care Financing Review, 3/94	x		
Health Care Management Review, 1/94			x
Health Management Technology, 1/94			x
Health Services Research, 2/94			x
Healthcare Financial Management, 1/94			x
Hospital & Health Services Administration, 3/94	x		x
Hospitals & Health Networks, 1/94	x	x	x
Journal of Health Care Finance, 12/94			x
Journal of Health Care Marketing, 3/97			x

To retrieve specific full-text articles in IAC SearchBank, link to **Pioneer**; under **Journal Searches,** click on **IAC SearchBank**; click on the specific database; click on the icon for **PowerTrac**.

To retrieve a specific issue of a journal, enter: *jn Chest and da May 1997*, then click on **Submit Search** button.

To retrieve a specific article for which you have the citation, enter: jn Chest and da May 1997 and au kanter

NOTE: Articles in the current issue of a full-text journal may not yet have full text-available.

Assistive Technology with Open Book

The Center for Disabled Student Services (CDSS) has installed assistive technology at the Eccles Library. A computer system designed to scan and read printed materials is now available. The power of this technology will allow a person with a reading limitation to independently access printed materials. This system utilizes the *Open Book* program from Arkenstone, the DecTalk speech synthesizer, and a 4c ScanJet with an automatic document feeder.

A grant from the University Task Force on Computing has made this and other assistive technology possible at the University of Utah. Assistive technology is implemented at the 'U' to adhere to the Americans with Disabilities Act and is reserved for priority use by students registered with the Center for Disabled Student Services. For more information please contact CDSS at 581-5020.

Visit their Web site at **http://ssv1.union.utah.edu**

Email Options!

Nancy Lombardo, Affiliate Librarian
Spencer S. Eccles Health Sciences Library

All University of Utah students, staff and faculty are eligible to obtain an Internet email account through Academic Computing & Library Information Services (ACLIS, formerly University of Utah Computer Center or UUCC). Register for a new account using the Web registration forms at **http://www.cc.utah.edu/Accounts**. Follow the instructions and be sure to write down your login (or username), your password, and your new email address as they are assigned.

From a computer with a modem, it is possible to dial in to the University for Internet access from home. The University accounts allow many options for accessing electronic mail: remote email access using *Pine*, or download your email to your own computer using a Post Office Protocol (POP) client such as *Netscape*, *Eudora*, or *Pegasus* software.

Pros and Cons of the *Pine* Email Program
Pine is an excellent option for an email program. To access *Pine*, use *Telnet* software to login to the University computer (u.cc.utah.edu). This can be accomplished from most computer labs on campus, including all the public workstations at the Spencer S. Eccles Health Sciences Library. A login (username) and password are required in order to successfully log on to the

University computer. Once connected, select Electronic Mail (*Pine*) from the displayed menu.

As a full featured email program, *Pine* allows you to send and receive email messages, save email in folders, and maintain an address book so individual email addresses don't need to be typed in the "TO" field. *Pine* also allows the creation of personal mailing lists so one message can be sent to a group of recipients. For a brief Web-based tutorial on *Pine*, go to **http://medlib.med.utah.edu/navigator/pine/pine.html**

One benefit of using *Pine* is that many individuals can access email from the same computer. At the same time, personal mail is private and unavailable to others because it is stored on the University mail server and protected by password. Another advantage to *Pine* is that by using *Telnet* the user's mail can be accessed from any computer that is connected to the Internet, from any where in the world.

There are disadvantages to *Pine*. *Pine* is not a point and click interface, but requires typing of commands on the keyboard. The mouse is not useful while using *Pine*. Editing messages in *Pine* is a bit cumbersome, but *Pine* does have a spell checking function. *Pine* mail accounts are stored on the University computer where space is limited, so unnecessary messages should be regularly deleted and users should limit the amount of mail saved. Attaching files, such as word processing documents, spreadsheets, or graphics, to email messages is complicated when using *Pine*. To send an attached file, the file must be upload to your account using ftp, and then attached to an email message using *Pine.* (Ask for help at Eccles Library.)

Using a POP Email Program

Individuals using a home or work computer may choose to use a POP client, such as *Netscape Mail*, *Eudora*, or *Pegasus*. There are may advantages to using POP clients. While each client has its own unique features, there are many similarities.

POP email clients, or software programs, download email messages and store them on your hard drive. This allows mail users to read and prepare messages offline without having to be connected to the Internet. Users can log on, download all their email, log off and then take time reading and preparing replies. When all replies are ready, they can be sent out in a batch. This is very handy for those dialing in as the University modems have a time limit. For those with a direct connection, messages can be read even when the network is down. The amount of mail stored on the user's computer is limited only by the size of the hard drive.

Generally, POP clients have much more sophisticated and elegant interfaces than *Pine*. Whether using a Windows or a Macintosh interface, the POP clients are point and click, and allow the usual editing capabilities of any graphical interface, including cut, paste, copy, click and type. Attaching files is as simple as saving a file. Managing email messages is also as simple as point and click, or drag and drop. *Netscape Mail*, *Eudora*, or *Pegasus* all allow for storing messages in separate folders or mailboxes and maintaining address books for frequently used email addresses.

The main disadvantage to using a POP client is that they are not as effective for shared computers. If using a public lab, do not download your email, as it will be stored on that specific lab machine and may be read by others. Mail that is sent out from an email program configured for your account will have your name on it. You do NOT want others to use your email account to send random messages with your name attached.

Another disadvantage is that POP mail users must either read their email exclusively on one machine, or must manage email in more than one place. Most POP clients allow users to leave a copy of their mail on the server when downloading. If choosing this option, you must periodically use *Pine* to delete old messages or your account will build up a large store of email and the ACLIS will insist that you delete the mail. It can be time consuming and confusing to maintain mail in more than one place.

There are many POP client available. *Netscape* is an obvious choice because many people are already using it for Web browsing. However, both *Eudora* and *Pegasus* are also excellent email programs and are available for both Macintosh and PC.

These are the Web addresses for obtaining the various email software mentioned here:
Eudora Light (Free) - **http://www.eudora.com/eudoralight/**
Pegasus Mail (Free) - **http://www.pmail.com/**
Netscape Mail (Free with Netscape Navigator or Communicator) - **http://www.netscape.com/**

IAIMS Newsletter *Deadline and Mailing List*

The deadline for the Winter 1998 issue of the *IAIMS Newsletter* is December 1, 1997.

The IAIMS Newsletter is available electronically via the WWW at **http://medlib.med.utah.edu/iaims/iaims.html**

To receive a copy of the electronic version in PDF format, send a email message to: MAISER@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5980. VOICE: 801-581-5534. FAX: 801-581-3632. INTERNET: jeannele@lib.med.utah.edu.

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The Spencer S. Eccles Health Sciences Library
Fall Quarter Hours

September 28 to December 9, 1997

Monday to Thursday	7:00 A.M. - 11:00 P.M.
Friday	7:00 A.M. - 8:00 P.M.
Saturday	9:00 A.M. - 8:00 P.M.
Sunday	11:00 A.M. - 11:00 P.M.

Special Fall Quarter Hours

Veterans Day, Tuesday, November 11, 1997	7:00 A.M. - 11:00 P.M.
Thanksgiving, Thursday, November 27, 1997	Closed
Friday, November 28, 1997	8:00 A.M. - 5:00 P.M.

Extended Hours, December 10 to December 17, 1997

Monday to Thursday	7:00 A.M - MIDNIGHT
Friday	7:00 A.M. - 11:00 P.M.
Saturday	9:00 A.M. - 11:00 P.M.
Sunday	11:00 A.M. - MIDNIGHT

Break Hours, December 18, 1997 to January 3, 1998

Thursday, December 18	7:00 A.M. - 11:00 P.M.
Monday to Friday	8:00 A.M. - 5:00 P.M.
Saturday	9:00 A.M. - 6:00 P.M.
Sunday	Closed

Closed Christmas Day and New Year's Day

Regular hours resume on Sunday, January 4, 1998

Phone Numbers

Administration	801-581-8771
Hours	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4686
Computer & Media Services	801-581-8052
Duplication	801-581-5258
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-585-3031
Reference	801-581-5534
Slice of Life	801-585-2737
Technical Services	801-581-5266
Technical Support	801-581-3691

The ***IAIMS Newsletter*** is published quarterly (September, December, March, June) by: The Spencer S. Eccles Health Sciences Library at the University of Utah.
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URL: http://medlib.med.utah.edu/

IAIMS NEWSLETTER

A quarterly publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Winter 1998 *Volume 13 Number 2*

Announcing Utah Article Delivery

The three libraries at the University of Utah have been working with other academic libraries in Utah to develop a new service to speed delivery of journal articles to library users throughout the state. The result is a pilot project called Utah Article Delivery (UTAD) which will begin a trial run Winter Quarter 1998. To receive a copy of articles not held at University of Utah libraries, users fill out an electronic form on the libraries' Web pages. Each request will be forwarded to the Utah Academic Library Consortium (UALC) library which subscribes to the journal title. The owning library will then fax the article directly to the user within two working days at no cost to the user. If the article is from a journal not owned by a UALC library, the article will be provided by a commercial document supplier, **EBSCOdoc**, at no cost to the user. If an article is requested from a journal held at any University of Utah library, the request will be returned unfilled. This service is aimed at providing journal articles. Books, book chapters, and papers from conference proceedings are not available. The effectiveness of the service will depend greatly on the accuracy of the information provided by users.

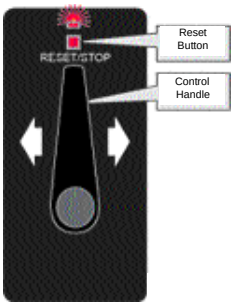
To access this service, connect to any of the university libraries' Web pages at:

- **http://medlib.med.utah.edu**–Eccles Health Sciences Library
- **http://www.lib.utah.edu**–Marriott Library
- **http://lawlib.law.utah.edu**–Quinney Law Library

Utah Article Delivery will be available at each site starting January 1998. This trial project will continue until the seed money runs out. Questions or comments can be directed to Marriott Library Circulation Librarian Dan Lee at 581- 8203 or email at dlee@library.utah.edu.

How to Use the Compact Shelving

The Eccles Library has installed compact shelving on the lower level. Funding for this project was provided through a generous grant by the George S. and Dolores Doré Eccles Foundation. Instructions for proper operation have been posted on the ranges. Brief instructions are described here.



- Determine which range, or aisle, you need to access.
- Locate the open aisle **NEAREST** the aisle you wish to access. Make sure no one is currently in the aisle.
- On either side of the open aisle there is a small flashing red light above the reset button. If the light is not flashing, please ask library staff for assistance.
- Press the **RESET/STOP** button to stop the flashing and unlock the aisles. You have 15 seconds to activate the shelves.
- Move to the aisle you need and gently push the **CONTROL HANDLE** in the direction you want the shelves to move, then release. Shelves move in tandem, so you do not need to move the aisles one-by-one.
- A red-striped emergency stop bar is located near the floor on the north side of each aisle and runs the length of the floor.

In This Issue

Announcing Utah Article Delivery 1
How to Use the Compact Shelving 1
Library Workshops and Classes 2
Knowledge Weavers Update 2
InfoFair '98—Evidence-based Health Care 3
Northern Light ... Web Search Service 4
Outreach Services 5
Introducing ... Derek Cowan 5
How to Search ... WebPac 6
Academic Pioneer Project 6
Solicit Book Reviews 7
IAIMS Newsletter Deadline and Mailing Lists 7
Thank You to Our Donors 7
Winter Quarter Library Hours & Phone Numbers 8

Library Workshops and Classes

Classes with a fee (indicated by an asterisk) require pre-payment.

Tours and Orientations
To schedule call 801-581-4686 or 801-581-5534

Introduction to CD-ROM Databases	PC Lab
Wednesday, January 14, 1998	10:30 A.M.–11:30 A.M.
Wednesday, January 14, 1998	3:00 P.M.– 4:00 P.M.
Friday, January 23, 1998	10:30 A.M.–11:30 A.M.
Friday, January 23, 1998	1:30 P.M.– 2:30 P.M
Tuesday, January 27, 1998	10:00 A.M.–11:00 A.M.
Thursday, January 29, 1998	2:00 P.M.– 3:00 P.M.
Wednesday, February 11, 1998	2:00 P.M.– 3:00 P.M.
Thursday, February 26, 1998	10:00 A.M.–11:00 A.M.
***MEDLINE on the Web**	PC Lab
Tuesday, January 13, 1998	11:00 A.M.–1:00 P.M.
Thursday, March 12, 1998	11:00 A.M.–1:00 P.M.
***Advanced SilverPlatter MEDLINE**	PC Lab
Tuesday, February 10, 1998	11:00 A.M.–1:00 P.M.
***Finding Information on the Internet**	PC Lab
Wednesday, February 11, 1998	9:00 A.M.–11:30 A.M.
***Introduction to HTML**	PC Lab
Wednesday, January 28, 1998	1:00 P.M.–3:30 P.M.
***Advanced HTML**	PC Lab
Wednesday, February 4, 1998	1:00 P.M.–4:00 P.M.
***Introduction to HTML Style Sheets**	PC Lab
Wednesday, April 1, 1998	9:00 A.M.–11:00 A.M.
***Creating Web Graphics with ImageComposer**	PC Lab
Wednesday, March 11, 1998	9:00 A.M–Noon
***Creating Web Sound and Video**	PC Lab
Friday, March 13, 1998	9:00 A.M.–Noon
Presentations Using *PowerPoint	PC Lab
Thursday, February 12, 1998	2:00 P.M–4:00 P.M.
Bibliographic Management	
EndNote Plus	Mac Lab
Thursday, February 19, 1998	2:00 P.M–4:00 P.M.
Reference Manager for Windows	PC Lab
Thursday, February 26, 1998	2:00 P.M–4:00 P.M.
Web Developer's Group	History of Medicine Room
Wednesday, January 21, 1998	Noon–1:00 P.M
Wednesday, February 18, 1998	Noon–1:00 P.M.
Wednesday, March 18, 1998	Noon–1:00 P.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. For more information, class descriptions, instructor phone number, email address, and registration form, see the Eccles Library Web page at **http://medlib.med.utah.edu/education/workshop.html**—or, please call 801-581-5534.

Knowledge Weavers Update: Access Images and Illustrations Through the Multimedia Catalog

by Sharon Dennis, Associate Librarian
Spencer S. Eccles Health Sciences Library

Would you like to be able to download health sciences images and illustrations for educational purposes? The Multimedia Catalog, created by the Knowledge Weavers team of the Spencer S. Eccles Health Sciences Library, makes this possible. The Multimedia Catalog consists of individual multimedia items such as digitized photographs, clip art, sounds, full-motion digitized video, etc. Currently, the Multimedia Catalog consists of images and illustrations in biochemistry, dermatology, neuroanatomy, and cardiology (including over 250 electrocardiographs). More items are being cataloged each day, with plans to add collections in pathology, neurology, obstetrics/gynecology, pharmacology, parasitology, and radiology.

The Multimedia Catalog is publicly available using common World Wide Web browsers at **http://medlib.med.utah.edu/webpac/** The records in the Multimedia Catalog are cataloged using the Ameritech Horizon Integrated Library System. The records are then searchable through the World Wide Web using WebPac, Ameritech's gateway software.

The Knowledge Weavers team customized the WebPac interface so that it would be appropriate for searching multimedia. Users can search the database by author, title, or general keyword. Results are returned in the form of brief records containing author and title. The user can view a longer record that shows a thumbnail of the image and lists subject headings and other details about the item. Then the user can directly access the item by clicking on the URL link.

Once the user displays an item, it can be downloaded using the built-in capabilities of most Web browsers. All items in the Multimedia Catalog may be used by individuals from non-profit organizations, or for educational purposes. In most cases, copyright information is attached directly to the graphic, so that the information remains with the graphic after downloading.

For more information about the Multimedia Catalog or the Knowledge Weavers project, contact Sharon Dennis at 801-585-3928 or email at sdennis@lib.med.utah.edu.

InfoFair '98

Evidence-Based Health Care

Thursday, April 30, 1998

Presented by

The University of Utah Spencer S. Eccles Health Sciences Library

Sponsored by

The University of Utah Health Sciences Center and the Utah Medical Association

InfoFair is an annual event at the University of Utah Health Sciences Center. The goal of InfoFair is to provide up-to-date information on computer applications, resources and services as well as a glimpse into the future of computers and computing in the health sciences. This year's event will be held Thursday, April 30, 1998.

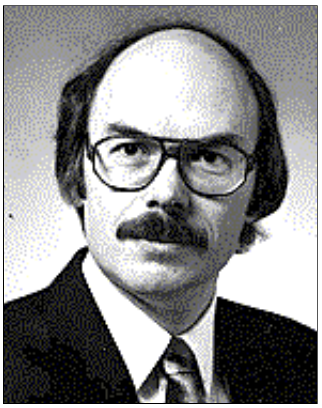
The theme of InfoFair '98 is *Evidence-Based Health Care.* R. Brian Haynes, M.D., Ph.D., will present The Clifford C. Snyder and Mary Snyder Lecture on Thursday morning. His presentation *Evidence-Based Health Care: Then and Now ... and Soon* will explore the nature of the gap between health research and practice, the current challenges, and the future opportunities for better evidence-based health care, emphasizing the role of information science.

The mid-morning Meet the Experts panel discussion will feature panelists who will join Dr. Haynes in discussing the opportunities and the challenges of practicing and teaching evidenced-based health care in Utah.

The afternoon events at InfoFair '98 will offer additional presentations focusing on keeping up with the health care literature, incorporating evidence-based health care into your clinical practice and teaching health care professionals evidence-based health care skills.

There is no physical exhibit area this year. The virtual exhibits will be accessible via the InfoFair '98 home page at **http://medlib.med.utah.edu/ infofair/info98.html** in January. The exhibits page will include links to evidence-based health care Web sites, database services, computer hardware and software vendors, and University of Utah services and applications.

Joan M. Gregory, Associate Librarian, Technical Services, Spencer S. Eccles Health Sciences Library, University of Utah is the InfoFair '98 coordinator. Contact Joan at 801-581-5269 or email at joang@lib.med.utah.edu for more information or to suggest topics of interest. The Spring 1998 *IAIMS Newsletter* will publish a detailed schedule of programs and events. Visit the InfoFair '98 Web site for the latest developments.



R. Brian Haynes

R. Brian Haynes, M.D., Ph.D., is Professor of Clinical Epidemiology and Medicine, and Chief of the Health Information Research Unit at McMaster University Medical Centre. His main research activities are in medical informatics, especially in the retrieval, summarization, dissemination and implementation of validated health care knowledge to support evidence-based health care. Current work involves the following projects:

- The Health Information Research Unit (HIRU), McMaster University, an informatics research group focusing on developing and testing ways to improve the dissemination and application of sound health care research in clinical practice.
- The production of periodical publications including *ACP Journal Club* and *Evidence-Based Medicine*, *Evidence-Based Nursing, Evidence-Based Mental Health,* and their electronic database, Best Evidence. These resources use explicit principles of critical appraisal of medical evidence to select articles of high relevance and quality from over 50 medical journals; qualifying articles are abstracted and circulated as bimonthly periodicals or yearly in the electronic database. These publications have been characterized as brilliant and boring, cutting edge and a threat to medical practice as we know it according to Dr. Haynes.
- The Canadian Cochrane Centre, part of the Cochrane Collaboration, a worldwide effort to summarize all relevant trials of health care interventions.
- The 'Clinical Theme' of the Health Evidence Application and Linkage Network (HEAL*Net), a research program to develop health information tools and resources sponsored by the Canadian federal research funding agencies.
- Randomized trials of various health care interventions, including carotid endarterectomy and dietary interventions to reduce cardiovascular risk.
- Teaching of evidence-based health care.

Northern Light—A New and Different Web Search Service

By Nina Dougherty, Librarian
Spencer S. Eccles Health Sciences Library

Northern Light **(http://www.nlsearch.com/)** was launched in August, 1997 as a major new Internet search service with several unique features. Already ranked as one of the four largest and three most up-to-date search services, Northern Light is recommended as an additional site for devotees of Alta Vista and HotBot to explore. Due to its special features it may, in fact, become the favorite site for some users.

Northern Light performs like other services in that it searches a large number of Web pages. Features unique to Northern Light are that:

- it also searches a Special Collection of 1,800 full-text journals, books and other resources not usually located through the other engines
- it organizes the retrieved results in Custom Search Folders created automatically on the fly for the search topic.

The initial search screen has a **HELP/HINTS** button for individuals requiring assistance formulating a search strategy. Enter words that describe the topic of interest in the **SEARCH FOR** text box. Before sending a search, users select one of three options:

- All Sources
- World Wide Web
- Special Collection.

The Special Collection and Custom Search Folders are described below.

Special Collection

The user pays a very modest fee of $1 to $4 to view the full-text of an item in the Special Collection. Interestingly enough, these full-text items include some of those that University of Utah users can retrieve at no cost from the IAC SearchBank databases accessed through PIONEER **(http://pioneer.uen.org/)**.

Why would University of Utah users want to search Northern Light's Special Collection and pay for what they can get free? Some answers are listed below:

- Northern Light's Special Collection leads to additional full-text journals and other resources not in the IAC databases or otherwise available free to University of Utah users.
- Most of the articles, from journals such as *Lancet, BMJ (British Medical Journal), Chest,* etc., cost only $1, charged by credit card in a secure transaction. Supposedly, you can get your money back, hassle-free, no questions asked, if the item doesn't meet your needs.
- University of Utah users searching from home can search in Northern Light through their commercial providers rather than having to come through the limited modem ports of the university server. The low cost may not be a deterrent.
- Users can search free sources on the Internet, as well as the low cost full-text items all in one search. Frugal users could check the free electronic journals on the Spencer S. Eccles Health Sciences Library Web site before requesting an article through Northern Light.
- Users not affiliated with the University of Utah will find this a very inexpensive way to obtain full-text articles.

CAUTION: The full-text journals in the Special Collection include some significant health sciences journals—but they are a scattered assortment of clinical or basic sciences journals, rather than a comprehensive core set. Look at the list of journals on their Web site at **http://www.nlsearch.com/docs/A_E.htm** to see what is available. Additional full-text articles may be retrieved in the free World Wide Web portion of Northern Light.

Custom Search Folders

Organizing the retrieved pages in automatically created folders is a helpful feature reflecting the trend of search services to assist the user in dealing with the prolific amount of information on the Internet. The folders are usually at least somewhat helpful, sometimes very useful, and sometimes merely curious. The folders can be bypassed in the ranked but complete main listing on the right side of the screen.

As an example of folders, in the **SEARCH FOR** text box enter **hypertension guideline** (the plural is automatically retrieved), select the Special Collection feature, then press the **SEARCH** button. Folders with automatically created hot links are listed on the left side of the screen and include Hypertension, Heart, Heart disease, Government sites, Commercial sites, Cholesterol (nutrition), Nutrition, Cardiology, Exercise & fitness, Education sites, Pharmacies, and all others.

In addition, these folders have subfolders. As an example, the folders under Exercise & fitness are Bulimia, Weight training, Stress management, Cardiac rehabilitation, Dieting & weight management, Strength training, Educational sites, Government sites, Commercial sites, and all others.

Another example of a search in Northern Light relates to articles on global warming published in *Science*. In the **SEARCH FOR** text box enter **"global warming" science,** select the Special Collection feature, then press the **SEARCH** button. There are 1138 items retrieved. The automatic folders include Science (magazine), Book reviews, BioScience (magazine), and other magazines and news.

Click on the Science (magazine) folder to view subfolders with articles on global warming in *Science*. Subfolders include Global warming, Climatic variation and change, Greenhouse effect, Oceanography, Ecology, Greenhouse gases, Earth science & environment, Conferences, Book reviews, and all others.

The newness of Northern Light is reflected in the fact that the planned powerful search engine features are expected "soon" but not available yet. In the meantime, it is easy to enter simple searches with limited Boolean capabilities.

Outreach Services

Health Information on the Internet *Class Now Available for Continuing Education Credit*

by Kathleen McCloskey, Librarian, Outreach Services
Spencer S. Eccles Health Sciences Library

What is the World Wide Web (WWW)? And what does URL mean? Are you seeing those strange "addresses" mentioned in the newspapers, in magazines, and on TV? Do you want to learn how to use the Internet to seek professional information?

In addition to providing a number of library services, the Spencer S. Eccles Health Sciences Library's Outreach Services department is now offering classes at rural health care sites that focus on using the Internet to access health care information. These classes qualify for continuing education credit.

Classes focus on the needs of individuals or groups at these rural sites, and include an overview of Web browsers, search engines, searching MEDLINE free on the Internet using PubMed and Internet Grateful Med, and how to evaluate World Wide Web sites. Especially important Web sites are noted and discussed for content and quality. In addition, where and how to access the full-text of journal articles is demonstrated. Handouts consist of lists of recommended Web sites, examples of search strategies, and tools and guidelines for evaluation. Demonstration classes, two to three hours in length, qualify as Category 2 CME and are available upon request.

Recently, courses were held for practitioners at two rural sites. A class certified for 4 hours of Category 1 CME by the University of Utah School of Medicine Office of Continuing Education was offered to physicians, nurses and physician assistants in the computer lab at the Lucy Phillips Library at Snow College in Ephraim. Another class, certified for 2.4 hours of CE by the University of Utah College of Nursing, was offered to nurses at the Beaver Valley Hospital.

Courses are supported by the Utah Department of Health, Rural Medical Library Outreach Program; the Central Utah Area Health Education Center; and the Utah Telemedicine Network. There is no cost to institutions requesting or holding classes at their site.

For more information, or to schedule a class, contact Kathleen McCloskey at 801-585-5743 or email at kmc@lib.med.utah.edu.

Introducing ... Derek Cowan

Stacks Manager
Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Derek Cowan.

Born in Spokane, Washington, Derek's earliest memories are of massive towering conifers and lots of snow. At 4 years of age, Derek's family moved to Little Rock, Arkansas, where swamps, rain and humidity replaced the evergreens and weather of Washington.

Derek found himself humbled by so many new and sometimes scary situations in Little Rock. The huge gap between rich and poor, the segregation of social classes, serious crime, and a 45-minute bus ride to school profoundly influenced his character development and attitudes. During this period, Derek became interested in mental constructs which could be expressed visually rather than verbally. To this day, Derek prefers to express himself through visual art, not conversation; yet he remains very accessible and social.

At age fourteen, Derek's family moved to Salt Lake City where he attended Alta High School in Sandy City. A far cry from Little Rock, Sandy City impressed Derek with its neatly planned suburbs. Derek became increasingly interested in visual fields, especially architecture. Upon graduation he enrolled at the University of Utah with a pre-architecture emphasis. Feeling restricted by the hard sciences, Derek changed his major to film studies, with a secondary interest in philosophy. Philosophy is a subject somewhat related to film, as it can be interpreted and reinvented over and over, according to Derek. At the same time, he was drawn to the simple styles and philosophies of the past, those that lend themselves to little, if any, interpretation: silent movies, black and white film and Asian philosophies. Derek will finish his degree in film studies this coming year.

In July 1995, Derek was hired as a student assistant in the Circulation Department at Eccles Library. He was promoted to Stacks Manager in July 1996. Recently, Derek was given the opportunity to work with the Knowledge Weavers doing computer graphics. Derek has worked on the visual redesign of the online Internet Navigator course, a new logo for the Utah Library Association and improved labels for the library stacks.

Outside work, Derek is interested in playing basketball, reading philosophy, skiing/snowboarding and writing screenplays.

How to Search the Eccles Library Online Catalog on WebPac

by Joan Gregory, Associate Librarian
Spencer S. Eccles Health Sciences Library

The Spencer S. Eccles Health Sciences Library Horizon Online Catalog is a computerized database of information about books, journal titles, audiovisuals, multimedia, theses, reserve items, and government documents located at the Eccles Library, the Hope Fox Eccles Clinical Library, and libraries that are members of the Utah Health Sciences Library Consortium (UHSLC). Location and availability of items is included in the catalog listings. The Web version of the catalog, WebPAC, became available in October 1997—located at **http://medlib.med.utah.edu/webpac/**

Searching the online catalog via the Web looks different from searching via the Windows or Macintosh client software. This article focuses on optimal search strategies using WebPac.

Keyword Searching
To search for a word or combination of words, enter a keyword(s) from the author, title, series and/or subject in the **Keywords** text box. The Boolean operator AND is assumed between a string of multiple keywords. Boolean operators OR and NOT may also be used.

Search results can be limited by date by choosing the **Limit Results by Date** pull down menu and selecting the appropriate range of dates. It is also possible to sort search results by author, title or date in ascending or descending order by using the **Sort Results By** pull down menu. Sorting often takes a long time, so patience is required.

Alphabetical Searching
To search for a specific title, subject, series or author, use the **Alphabetical List** search feature. First, choose the type of search you wish to do, selecting either title, subject, series, or author. Then enter the first few words of the title, subject, series, or the author's last name, comma, followed by the first initial or full first name in the text box.

Multimedia Searching
Included in WebPac is the Multimedia Collection of digital graphics developed by the Knowledge Weavers at the Eccles Library as part of a National Library of Medicine grant. Keyword searching works best for this material. In the **Keyword** text box, enter the word **multimedia** and then enter any additional keyword(s) that describes the subject to be searched. For example in the **Keywords** text box enter **multimedia eye,** or try **multimedia multiple sclerosis**. The results will be a list of multimedia records which meet your search criteria. Choose the one you are interested in by clicking on the link. The result will be detailed information about the digital image plus a link at the top of the record which takes you directly to the image.

Journal Title Searching
To locate a journal title, do a **Title Alphabetical List** search and enter the full title of the journal (or as much of the full title as you know) in the appropriate text box. The result will be a list of titles (of books, journals and other materials) with the title you entered, or its closest match at the top of the list. Choose the title of interest by clicking on the link. If the library has cataloged an electronic version of this title there will be a URL at the top of the detailed view. If this title is indexed in MEDLINE, you will be able to access the Table of Contents of this title by choosing the ISSN at the bottom of the detailed view. A summary of the print holdings of this journal for each location (e.g., Eccles Clinical Library, Eccles Library, Primary Children's Medical Center Library) appears after the bibliographic information at the bottom of the screen.

Future Plans
Ameritech Library Services, the vendor of WebPAC, is working on a number of enhancements to the software including such features as: filtering (e.g., by type of material), automating requests for holds and searches, and renewing material via the Web. Eccles Library technical services staff are working on adding records for electronic resources to the catalog and taking advantage of new features provided by Ameritech.

Questions
If you have any questions or feedback about the online catalog in any of its formats (WebPAC or the Windows or Macintosh client software), contact Joan M. Gregory at 801-581-5269 or via email at joang@lib.med.utah.edu.

Academic Pioneer

Joan Stoddart, Librarian, Deputy Director
Spencer S. Eccles Health Sciences Library

The Academic Pioneer home page provides additional resources not available on the the state-wide Pioneer Web site. The Utah Academic Library Consortium (UALC) Academic Pioneer contains *Encyclopedia Americana*, Project Muse with the 40 Johns Hopkins University Press full-text journals, Congressional COMPASS containing legislative information, UMI ProQuest Direct with additional full-text journals and newspapers and Chadwyck-Healy databases including information in music, literature, social sciences, archives and public policy. Trial and demonstration resources are available as they come into consideration. Your opinion is solicited on all items.

The Academic Pioneer shared resources home page is available at **http://www.lib.utah.edu/ualc/acadpioneer.html** or from the link on the Eccles Library home page at **http://medlib.med.utah.edu/**

Book Reviews Solicited

Are you finding it difficult to keep up with the book literature in your area of expertise? Have you just finished a "must read" book related to your field of study? Would you like to share this resource with colleagues at the University of Utah Health Sciences Center?

The Spencer S. Eccles Health Sciences Library is soliciting books reviews for inclusion on our Web site. This new service will be initiated with the start of Winter Quarter 1998.

We are looking for recently published health sciences books that would be of clinical, research or general interest. Reviewers should include the author, title, publisher, date of publication and review for the book they select. Book review length is left up to the reviewer's discretion. Book reviews will be added to the Web site as they are received.

If you are interested in contributing to this effort contact Jeanne Le Ber at 801-581-5534 or email at jeannele@lib.med.utah.edu.

IAIMS Newsletter *Deadline and Mailing List*

The deadline for the Spring 1998 issue of the *IAIMS Newsletter* is March 1, 1998.

The IAIMS Newsletter is available electronically via the WWW at **http://medlib.med.utah.edu/iaims/iaims.html**

To receive a copy of the electronic version in PDF format, send a email message to: MAISER@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5980. VOICE: 801-581-5534. FAX: 801-581-3632. INTERNET: jeannele@lib.med.utah.edu.

Thank You to Our Donors

We would like to express our appreciation to the following people and foundations who made donations to the Spencer S. Eccles Health Sciences Library in 1997.

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The Spencer S. Eccles Health Sciences Library Winter Quarter 1998 Hours

January 4 to March 10, 1998

Monday to Thursday	7:00 A.M.–11:00 P.M.
Friday	7:00 A.M.– 8:00 P.M.
Saturday	9:00 A.M.– 8:00 P.M.
Sunday	11:00 A.M.–11:00 P.M.

Special Winter Quarter Hours

Martin Luther King—Monday, January 19, 1998	7:00 A.M.–11:00 P.M.
Presidents' Day—Monday, February 16, 1998	7:00 A.M.–11:00 P.M.

Extended Hours, March 11 to March 18, 1998

Monday to Thursday	7:00 A.M–MIDNIGHT
Friday	7:00 A.M.–11:00 P.M.
Saturday	9:00 A.M.–11:00 P.M.
Sunday	11:00 A.M.–MIDNIGHT

Break Hours, March 19 to March 28, 1998

Thursday, March 19	7:00 A.M.–11:00 P.M.
Monday to Friday	8:00 A.M.–8:00 P.M.
Saturday	9:00 A.M.–6:00 P.M.
Sunday	Closed

Regular Spring Quarter hours resume on Sunday, March 29, 1998

Phone Numbers

Administration	801-581-8771
Hours	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4686
Computer & Media Services	801-581-8052
Duplication	801-581-5258
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-585-3031
Reference	801-581-5534
Slice of Life	801-585-2737
Technical Services	801-581-5266
Technical Support	801-581-3691

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URL: http://medlib.med.utah.edu/

IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Spring 1999 *Volume 14 Number 2*

Library and Information Technology Forum

The Spencer S. Eccles Health Sciences Library is sponsoring a series of noon seminars titled *Library and Information Technology Forum*. All sessions will be held the second Wednesday of the month in Classroom C in the School of Medicine, from noon until 1:00 P.M. Sessions will provide an opportunity for faculty, staff and students to learn about new computer technologies and electronic information sources.

In January, Jeanne Le Ber, Assistant Librarian at the Eccles Library, will present a program about the Cochrane Collaboration and searching the Cochrane Library. The Cochrane Collaboration evolved in response to Archie Cochrane's challenge to health care professionals to provide an organized summary of relevant randomized controlled trials so that treatment decisions would be made on solid evidence supported by research. It is an international organization of individuals committed to preparing, maintaining and updating the full-text of systematic reviews. The Cochrane Library compiles the full-text of these systematic reviews, abstracts of reviews of effectiveness, and registry of controlled trials. The Eccles Library provides access to the Cochrane Library from their Web site at **http://medlib.med.utah.edu**

Program Schedule

- January 13—Jeanne Le Ber; *The Cochrane Collaboration and Searching the Cochrane Library*
- February 10—Nancy Lombardo; *Electronic Reserves*
- March 10—Deborah Hile; *Web-based Health Resources for Women*
- May 12—To be announced!

Nina Dougherty Retires!

Nina Dougherty, Research Librarian at the Spencer S. Eccles Health Sciences Library, retired December 31, 1998. A luncheon was held at the Eccles Library on Friday, December 18, with a reception for friends and colleagues in the afternoon.

A member of the library faculty since 1974, Nina made tremendous contributions to the library, the health sciences, public health and the environmental communities. Positions held at the library included Extension Librarian, Head of Information Services, Assistant Director for Information Services and most recently, Research and Government Documents Librarian. In addition, Nina held an appointment as Adjunct Instructor with the Department of Medical Informatics since 1986.

Nina developed and taught MEDLINE and Internet classes, with a special emphasis in environmental health resources, toxicology databases, and related issues. Recognizing the need for keeping current with emerging technologies, Nina was the founder and coordinator of InfoFair from 1983-1987; a tradition that continues.

Nina was professionally active with the American Society for Information Science and chaired the special interest groups on Human Computer Interaction (1986-1988) and Medical Information Systems (1994-1996). A long time advocate for the environment, Nina has worked for clean air through the Utah Chapter of the Sierra Club, the American Lung Association and the Wasatch Clean Air Coalition.

As an incredible resource for her colleagues, the University community and anyone who asked for her assistance, Nina will be sorely missed. We will miss Nina's expertise, futuristic vision, professionalism and good humour. We wish her all the best!

In This Issue

Library and Information Technology Forum 1
Nina Dougherty Retires! 1
Library Workshops and Classes 2
Visiting Fellow—Ulrich Woermann 2
Women's Health World Wide Web Resources 3
Understanding Web Accessibility 4
Developing and Implementing a Course on WebCT 5
New Journal Titles Added / Electronic Billing 6
ACS Titles Available Electronically 7
Interlibrary Loan News 7
One-Stop Shopping for Consumer Health Information . . 8
Introducing ... Deborah Hile 9
New Electronic Reserve Service at the Eccles Library . 9
Selected Community Right-To-Know Resources 10
InfoFair '99 Features Patricia Flately Brennan 11
The Faculty Assistance Center 11
IAIMS Newsletter Deadline and Mailing Lists 11
Spring Semester Library Hours & Phone Numbers . . . 12

Library Workshops and Classes

Classes with a fee (indicated by an asterisk) require pre-payment.

Tours and Orientations
To schedule call 801-581-5534

Introduction to SilverPlatter Databases	Small PC Lab
Wednesday, January 20, 1999	2:00 P.M.- 3:15 P.M.
Friday, January 22, 1999	10:45 A.M.- Noon
Tuesday, February 2, 1999	2:00 P.M.-3:15 P.M.
Thursday, February 4, 1999	10:45 A.M.-Noon
Tuesday, February 16, 1999	10:45 A.M.-Noon
Wednesday, March 10, 1999	10:45 A.M.-Noon
Thursday, March 25, 1999	10:45 A.M.-Noon
Monday, April 12, 1999	10:45 A.M.-Noon

Introduction to PubMed	Small PC Lab
Friday, February 19, 1999	3:00 P.M.-4:00 P.M.
Monday, March 1, 1999	3:00 P.M.-4:00 P.M.

***Advanced SilverPlatter MEDLINE**
Contact instructor to arrange a date and time; Mary Youngkin, 801-581-5534 or email at maryy@lib.med.utah.edu

Full-text Databases	Small PC Lab
Monday, February 8, 1999	3:00 P.M-4:00 P.M.
Wednesday, March 3, 1999	3:00 P.M-4:00 P.M.
Friday, March 26, 1999	3:00 P.M-4:00 P.M.
Wednesday, April 7, 1999	2:00 P.M-3:00 P.M.

***Finding Information on the Internet**
Contact instructor to arrange a date and time; Jeanne Le Ber, 801-585-6744 or email at jeannele@lib.med.utah.edu

***Introduction to HTML**	PC Lab
Wednesday, February 17, 1999	9:00 A.M.-Noon

***Advanced HTML**	PC Lab
Wednesday, February 24, 1999	9:00 A.M.-Noon

Presentations Using *PowerPoint	Small PC Lab
Wednesday, February 17, 1999	3:00 P.M-5:00 P.M.
Friday, March 12, 1999	3:00 P.M-5:00 P.M.
Friday, April 23, 1999	3:00 P.M-5:00 P.M.

Bibliographic Management

Reference Manager for Windows	Small PC Lab
Friday, April 2, 1999	3:00 P.M-5:00 P.M.
EndNote 3 for Windows	Small PC Lab
Monday, March 22, 1999	3:00 P.M-5:00 P.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. For more information, class descriptions, instructor phone number, email address, and registration form, see the Eccles Library Web page at **http://medlib.med.utah.edu/education/workshop.html**—or, please call 801-581-5534 or 801-585-6744.

Visiting Fellow—Ulrich Woermann

[*Editor's note:* Ulrich Woermann is a visiting Fellow from Bern, Switzerland. He will be working at the Spencer S. Eccles Health Sciences Library until September 1999.]

Being a medical doctor with a specialization in Hematology, I've been developing interactive learning programs for medical students for several years at the Division of Instructional Media at the University of Bern **(http://www.aum.iawf.unibe.ch/ index.htm)**. Using authoring tools like *SuperCard* or *Director*, I produced, either alone or in cooperation with medical students, over a dozen German language learning programs which were published on half a dozen CD-ROMs. In the last few years, I began to create instructional Web sites using JavaScript. My main project on the Web is "HemoSurf—An Interactive Hematological Atlas" **(http://www.aum.iawf.unibe.ch/ VLZ/BWL/Hemosurf/Index.htm)**. It will come out this month on CD-ROM. On the Web, the program is partially in English.

After all these years, I considered a change of environment would be a good thing. I wanted to see how other people do it and to learn new things. My current special interests are support of faculty in creating interactive learning materials and distance education. The Knowledge Weavers group has just received a continuation for a grant to develop an environment to facilitate the production of interactive, Web-based learning resources by faculty members. I'm happy to have the opportunity to work with them on this project. Talking about distant education, Utah with its great distances and its sparsely populated rural areas, was suited to be a pioneer in this field. I will profit by studying the technical infrastructure in place and by participating in different programs like the Primary Care Practitioner Preceptorship. In addition, I'm auditing various Medical Informatics courses.

Last but not least, I will have the opportunity to improve my English. This is important because English has become the standard language for publication and presentation in science.

My wife Karin and my almost five year old son Simon have also come to Salt Lake City. We often go out to the beautiful countryside of Utah, hiking in the foothills above the Avenues or visiting national parks like Zion and Arches. We are looking forward to experiencing the greatest snow on earth.

Women's Health World Wide Web Resources

by Deborah Hile, Clinical Librarian, Hope Fox Eccles Clinical Library

The World Wide Web can be a valuable tool for locating health-related information. Some helpful Web sites pertaining to women's health are listed below with brief descriptions of their content.

ElderWeb
http://www.elderweb.com/
This site is designed for caregivers, family, and healthcare providers of elderly people with care needs. Links take you to articles about elder care topics such as older women with disabilities, emotional support vital for elderly women with heart failure, and daily news services for the blind. Monthly article features and a database of nursing home surveys for all licensed facilities in the United States make this site a valuable resource.

HIV InSite
http://hivinsite.ucsf.edu/
HIV InSite is a project of the University of California, San Francisco AIDS Program at San Francisco General and the UCSF Center for AIDS Prevention Studies. Designed as a gateway to in-depth information about particular aspects of HIV/AIDS, this site reviews all materials for credibility, reliability and accuracy. Find updated reports on women of color and HIV/AIDS policies, FDA proposals for the inclusion of young women in clinical trials, and women prisoners with HIV. The opportunity to sign up for biweekly updates about new information at HIV InSite is an added feature of the Web site. Information is also available in Spanish.

JAMA Women's Health Information Center
http://www.ama-assn.org/special/womh/womh.htm
Abstracts and articles from professional journals and recent news briefings from Reuters Health Information are highlighted. Sections labeled STD and Contraception Information Centers offer clinical guidelines, patient education materials, and information on locating support groups. Links to useful sites based on content, presentation and functionality are provided along with a search capability.

Mayo Clinic: Children's Health Center
http://www.mayohealth.org/mayo/common/htm/pregpg.htm
This site is part of the Mayo Clinic's Pregnancy and Child Health Center site. Use an illustrated calendar to track a baby's development and ask Mayo Clinic physicians pregnancy-related question via electronic mail. Full-text articles are available on topics such as first aid, parenting issues, pediatric diseases, and safety. Links to other child health and pregnancy organizations are provided.

National Center for Health Statistics
http://www.cdc.gov/nchswww/
This site from the Centers for Disease Control and Prevention hosts a wealth of statistical information. One detailed survey outlines socioeconomic and demographic characteristics of mothers, prenatal care, history, occupational background, health status of mother and infant, and types and sources of medical care received. A "Statistical Rolodex" provides figures that are arranged alphabetically by subject. Statistical tables, charts, and graphs can be found in the Data Warehouse. An excellent resource with current information dating through 1998.

NOAH: New York Online Access to Health
http://www.noah.cuny.edu/
This site is a collaborative project providing high quality health information for consumers. Contributors to the site include The City University of New York and The New York Public Library. Available in both Spanish and English, this site has information on topics ranging from pregnancy and diabetes to a parent's guide to frequent colds in children. Keyword searches are also available.

OncoLink
http://oncolink.upenn.edu/
From the University of Pennsylvania Cancer Center, OncoLink is a comprehensive oncology information resource. Engage in the guided tour of the Web site (requires audio), explore disease-oriented menus organized by specific types of cancer, and learn about new treatments under evaluation. Browse the alphabetical listing of online journals that deal with cancer and recommended books on topics such as breast cancer, radiation, and sexuality.

Women of the World
http://www.echonyc.com/~jmkm/wotw/toc.html
This site contains formal laws and policies effecting the reproductive lives of women in the United States, China, India, Brazil, Nigeria, and Germany. This comprehensive site from the Center for Reproductive Law & Policy is a solid resource for obtaining factual information on a wide range of women's reproductive issues. Although the information is only dated to 1995, this site remains valuable for its international scope and detailed references.

Eccles Library Personnel Changes

Deborah Hile, formerly associated with the Lake Erie College of Osteopathic Medicine, has been appointed the Hope Fox Eccles Clinical Librarian. She joined the library faculty in mid-October 1998.

Everett Johnson has been hired as a Computer Technician replacing Claude Jones. He has worked part-time at the library since April, 1997 and begins full-time in January.

Understanding Web Accessibility

by Chris Tarabochia, Web/IVR Programmer, Administrative Computing Services

What is Web accessibility? Is it having that fast modem or "network" for your Internet connection? Or that really fast, up-to-date computer with all the bells and whistles? Not really. It is the idea of developing the World Wide Web so that all users have access. All users, including people with low vision, visual impairments, language barriers, and hearing impairments. This also means creating Web pages that are compatible with accessibility aids, which include text-to-speech readers, voice input devices, alternative keyboards and on-screen keyboards.

Who is in charge of setting the standards? No one ... and everyone. Web developers, the World Wide Web Consortium (W3C) and you are setting and using the standards. The Web Accessibility Initiative (WAI), part of W3C, is an effort to develop the standards for authoring, user agents (Web browsers) and editors. Below is an overview of WAI's guidelines for developing a Web page. **(http://www.w3c.org/WAI/)**

WAI Guidelines

1. Transform Gracefully
   - Provide alternate text, descriptions, textual equivalents and verbal descriptions (for images)
   - Ensure that text and graphics are perceivable without color
   - Ensure that moving, blinking, or scrolling pages may be paused or frozen
   - Elements that contain their own interface should have accessibility built-in
   - Provide supplemental information needed to pronounce or interpret abbreviated or foreign text
   - Use features that enable activation of page elements via input devices other than a pointing device
2. Provide context and orientation information for complex pages or elements
   - For frames, provide sufficient information to determine the purpose of the frames and how they relate to each other
   - Group controls
   - Ensure tables have proper markup to be restructured
   - Create good link phrases
3. Maximize usability by following good design practices
   - Use only W3C specifications
   - Facilitate navigation within your site
   - Provide a single downloadable file for documents that appear on separate pages.

Web Design Tips

Have you ever been to a Web site where it is impossible to find what you were searching for? Close your eyes and imagine not being able to see and having a friend read to you what was on the Web page. With this in mind, you will want to design the layout and navigation that is easy and useful for users. Here are some navigation tips:

- Be consistent between pages
- Use a clear and consistent navigation structure
- Offer navigation bars for easy access
- Offer a site map
- Place distinguishing information at the beginning of headings, paragraphs, lists. etc.

Along with the navigation tips there are some general tips to follow while developing your site. When creating a link, be descriptive; don't just use the words "click me." Use "alt" or "description" tags to give the reader an idea about an image. When creating tables use table headers to define each column. If you are using a form with text windows, drop-downs, radio buttons, etc. be sure to use tab indexes for easy navigation through the form using a keyboard. These are just a few of the basic ideas and tips that will make your Web pages more accessible.

Testing Your Web Page

Once you are done with your new pages, test them. There are various ways to test your page. Below are just a few of the testers that are available on the Internet. Make sure that the Web page tester is compliant with W3C standards. Here are some W3C compliant testers:

- Bobby, **http://www.cast.org/bobby**/
- Web Site Garage, **http://www.websitegarage.com/**
- W3C HTML Validation Service, **http://validator.w3.org/**

Printed Reference Materials

In addition to the information here and from the various Web sites, there is also printed reference material. This material will give you specific syntax and usage of accessible HTML authoring. All of these materials are available from W3C's Web site. These references include:

- HTML 4.0 Specifications, W3C Recommendations
- Cascading Style Sheets Specifications, W3C Recommendations
- WAI, Accessibility Guidelines: Page Authoring, W3C Working Draft
- Techniques for "WAI Guidelines: Page Authoring," W3C Working Draft

These files are printable from the Web or available as an Adobe PDF file.

References

- Harrison, Laurie; Resource Coordinator Center for Academic and Adaptive Technology, Information Commons University of Toronto, ATRC **(http://www.utoronto.ca/atrc/)** or SNOW **(http://snow.utoronto.ca/)**
- World Wide Web Consortium, **http://www.w3c.org/**
- Microsoft, **http://www.microsoft.com/enable/**

For more detailed and up-to-date information please visit:
http://www.acs.utah.edu/acs/access/
http://www.w3c.org/WAI/

Developing and Implementing a Graduate Course on WebCT

Lillian M. Nail, Ph.D., RN, FAAN, University of Utah College of Nursing

During Fall semester 1998, the master's level research course was delivered via the Internet using WebCT, a software package purchased by the University of Utah and administered through the Marriott Library Academic Computing and Library Information Systems (ACLIS) department. WebCT provides the "tools" used by faculty and students in course development, presentation, and administration. As far as we know, this is the first time WebCT has been used in Utah to present and manage an entire course. This article is a brief summary of our impressions to date about the experience.

The decision to offer an Internet course was based on faculty interest in this format for distance education, and dissatisfaction with the interactive television approach that was originally planned. Factors that made this course well-suited for the Internet format included: the use of a mastery-based approach with student self-scheduling of open-book tests, a textbook which students had previously found to be clear and user-friendly, faculty interest, technical support staff (G. Larimer) who had previous experience with software for distance learning, and previous faculty experience in teaching the course content. Problematic features were the large student enrollment (60 students), requirement for discussion groups, relatively brief development period, and anticipated wide variation in computer competence of the students. Other issues that were addressed included "ownership" of the written materials developed for the course content, defining hardware and software requirements for students, and testing the functionality of the WebCT tools and features which were to be used in the course.

Tools used in the course included the multiple choice testing and grading, test analysis, student grade record, email, chat rooms for discussion groups, display of course content, tracking of activity, and the bulletin board feature. Many of the students had never used a chat room before and some had their first experience with email in this course. Others had extensive experience using the Internet and served as resources to those who did not. Because of instability with the WebCT chat room function, we switched to an outside provider for the chat room. This was a backup plan that we had in place prior to deciding to implement the course and turned out to be the only way we could run the discussion groups. The volume of email was overwhelming at times with well over 1,000 messages logged in the first 90 days.

The online grading of tests and availability of a grade record for each student turned out to be an excellent way for students to monitor their progress. Holding the discussion groups in the chat room facilitates faculty evaluation of the strength of each student's contribution because of the opportunity to review the transcript of the session. However, typing speed is an issue in performance and the more students in the chat room, the more disjointed the discussion. Students who are comfortable working independently and who learn well using a text-based approach are very positive about their experience in the course. Those who learn best from verbal presentations or by listening to questions asked by other students feel that a mixed model rather than a fully integrated approach would be best for them. The independent scheduling aspect has been quite valuable to students, especially in reducing the number of trips to campus or to an outreach center and by allowing them to schedule around workload in other courses and work or family responsibilities. An extensive evaluation of the course will be conducted to develop specific recommendations for the future.

Resources:

- Marriott Library site: **http://www.utah.edu/fac/**
- University of Utah site with sample course: **http://webct.cc.utah.edu/**
- WebCT site: **http://homebrew1.cs.ubc.ca/webct/**
- Textbook with overview of course development: Porter, L. R. (1997). *Creating the virtual classroom*. NY: Wiley.

New Journal Titles Added to the Eccles Library Collection

The Eccles Library is adding 70 new journal titles for 1999. They represent titles requested a large number of times through interlibrary loan and at the reference desk. Also included are titles requested in a recent College of Nursing survey.

AANA Journal
Advanced Drug Delivery Review
Advanced Practice Nursing Quarterly
Alternative Medicine Review
American Journal of Critical Care
Annals of Oncology
Annals of Vascular Surgery
Archives of Family Medicine
Atherosclerosis
Breast Cancer Research Treatment
Breastfeeding Review
Canadian Family Physician
Cancer Epidemiology
Cancer Metastasis Review
Critical Care Nursing Clinics of North America
Current Opinion in Neurology
Cutis
Diabetes Educator
Distance Education Reports
Epidemiology
Evidence-based Nursing
Evidence-based Practice
Gastroenterology Nursing
Gene Therapy
Harvard Heart Letter
Harvard Men's Health Watch
Harvard Mental Health Letter
Health News
Herbal Gram
Human Reproduction
Intensive and Critical Care Nursing
International Journal of Palliative Care
Issues in Mental Health Nursing
Johns Hopkins Medical Letter Health After 50
Journal of Clinical Nursing
Journal of Clinical Rheumatology
Journal of Hospice and Palliative Medicine
Journal of International Neuropsychological Society
Journal of Intravenous Nursing
Journal of Medical Education Technology
Journal of Nuclear Cardiology
Journal of Nursing Management
Journal of Ophthalmic Nursing
Journal of Palliative Care
Journal of Pediatric Oncology Nursing
Journal of Perinatal & Neonatal Nursing
Journal of Pharmaceutical Care in Pain and Symptom Management
Journal of School Nursing
Journal of the American Academy of Physicians
Journal of Transcultural Nursing
Journal of Vascular Nursing
Journal of Wound, Ostomy and Continence Nursing
Mayo Clinic Health Letter
Medical Physics
Midwifery
Molecular Cell
Neuroreport
Nurse Education Today
Nurse Researcher
Oncology
Otolaryngology Head and Neck Surgery
Perspective on Physician Assistant Education
Pharmacotherapy
Regulatory Toxicology and Pharmacology
Supportive Care in Cancer
Surgical Endoscopy
Technology and Disability
Urologic Nursing
Visual Neuroscience
Work: A Journal of Prevention, Assessment & Rehabilitation

Eccles Library Reinstates Electronic Billing!

At the start of the 1998 fiscal year, the University of Utah financial systems converted to PeopleSoft as part of the Utah2000 Project. To integrate with the changes made to that system, the Spencer S. Eccles Health Sciences Library temporarily suspended their electronic billing system in July and reverted to using campus orders. The Eccles Library accounting system has now been customized to process electronic billing, which is a more efficient means of handling invoicing.

Starting January 1, 1999, the Eccles Library will reinstate electronic billing and eliminate the use of campus orders.

Departments will need to complete an authorization form for electronic billing. The authorization form is available in the Duplication or Interlibrary Loan departments. If your department has not completed this form, or if you have questions or concerns, please contact Niloofar Bakhti at 801-581-5258.

ACS Titles Available Electronically

Twenty-seven of the American Chemical Society's journals are now available electronically to University of Utah users as a result of the Science Initiative of the Utah Academic Library Consortium (UALC). Users may select titles from the pulldown menu at **http://pubs.acs.org** That site and links to individual titles such as *Analytical Chemistry*, *Biochemistry*, *Journal of the American Chemical Society*, *Journal of Medicinal Chemistry*, *Journal of Natural Products*, *Journal of Organic Chemistry*, and *Journal of Pharmaceutical Sciences*, can be found on:

- Eccles Library electronic journals page at **http://medstat.med.utah.edu/database/ejournal.html**
- Marriott Library electronic journals page at **http://www.lib.utah.edu/cgi-bin/ej.pl**
- Eccles Library Horizon Online Catalog at **http://www-medlib.med.utah.edu/webpac-bin/wgbroker?new+-access+top.eccles**
- UALC's site for shared electronic resources: Academic Pioneer at **http://www.ualc.net/pioneer.html**

The full list of accessible titles follows:

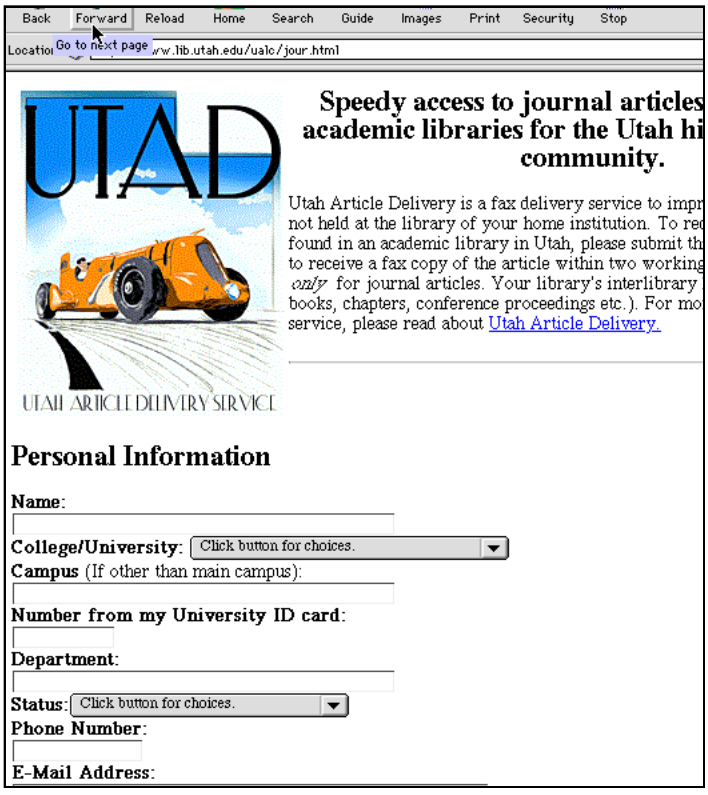
Accounts of Chemical Research
Analytical Chemistry
Biochemistry
Bioconjugate Chemistry
Biotechnology Progress
Chemical Research in Toxicology
Chemical Reviews
Chemistry of Materials
Energy and Fuels
Environmental Science and Technology
Industrial and Engineering Chemistry Research
Inorganic Chemistry
Journal of Agricultural and Food Chemistry
Journal of the American Chemical Society
Journal of Chemical and Engineering Data
Journal of Chemical Information and Computer Sciences
Journal of Combinatorial Chemistry
Journal of Medicinal Chemistry
Journal of Natural Products
Journal of Organic Chemistry
Journal of Pharmaceutical Sciences
The Journal of Physical Chemistry
Langmuir
Macromolecules
Organic Letters
Organic Process Research and Development
Organometallics

Interlibrary Loan News

Did you know that there is a **University of Utah Libraries Campus Delivery** service between the Marriott, Eccles Health Sciences, Quinney Law libraries, and Mathematics Branch, as well as branch campuses in Bountiful, Cedar Park, Sandy, and Park City? The purpose of this service is to retrieve circulating materials held at one of the campus libraries and send them to another on-campus or branch library for your convenience. This service is a delivery service, not a pull and copy service. For example if you are located in the Health Sciences Center and need a book located at Marriott, you can fill out an online form, have the book checked out to you, and have it delivered to the Eccles Library for easy pick up. There is no fee for this service. All you need is a valid borrowing card. See request form at **http://www.lib.utah.edu/circ/eccles.html** for further information or to fill out requests.

Another new service is **Utah Article Delivery** (UTAD). This service is restricted to journal articles and includes fax delivery. To request a journal article found in an academic library in Utah, please submit the form found at **http://www.lib.utah.edu/ualc/jour.html** You will receive a fax copy of the article. If the journal title is not owned by a library in Utah, the journal article may be supplied by a commercial document supplier, depending on cost and availability. If the request can not be filled, you will be notified.

Both of the above services are now available to persons associated with a UALC (Utah Academic Library Consortium) library only and both are free, for a trial period.



One-Stop Shopping for Consumer Health Information

by Mary Youngkin, Librarian, Spencer S. Eccles Health Sciences Library

On October 22, 1998, the National Library of Medicine unveiled it's new Consumer Health Web site: **MEDLINEplus**. Donald A.B. Lindberg, M.D., Director of the National Library of Medicine stated:

> "Recognizing that informed consumers are better patients but have varied health information needs, NLM has developed MEDLINEplus, an easy-to-understand resource for the public which includes MEDLINE—the world's largest database of peer-reviewed information-as well as links to self-help groups, access to the NIH consumer health information, clearinghouses, health-related organizations, and clinical trials. The site will be continuously expanded and it is expected to include comprehensive and cutting-edge information on hundreds of diseases and conditions in coming months."

MEDLINEplus is available from the NLM's home page at **http://www.nlm.nih.gov**, or directly at : **http://medlineplus.nlm. nih.gov/medlineplus/**

The site was designed to provide access to a carefully selected set of resources. Selection is made on the basis of an established criteria listed at **http://medlineplus.nlm.nih.gov/medlineplus/criteria.html** Emphasis is placed on NLM and other governmental sites, or those whose purpose is educational and whose quality, authority, and accuracy are established. NLM makes it clear that the pages "are designed for educational use only and are not intended to replace advice from a health professional." They do, however, provide the consumer with both an excellent starting point and a reliable, accessible, and easily navigated source for health information.

The site currently consists of nine sections: Health Topics, Dictionaries, MEDLINE, Search Databases, Organizations, Clearinghouses, Publications/News, Directories and Libraries

Health Topics: Links to patient and professional resources on common diseases and conditions. Includes MEDLINE searches, patient pamphlets, clinical trials and many other choices. MEDLINE searches are stored for each topic and dynamically run at the time of inquiry to provide access to current professional literature.

Dictionaries: Include *AMA Medical Glossary, Merriam-Webster Medical Dictionary, On-Line Medical Dictionary* (from CancerWeb), *OneLook Dictionaries, PharmInfoNet Glossary, Taber's Cyclopedic Medical Dictionary* and links to lists of dictionaries on other sites.

MEDLINE: Provides access to MEDLINE via two different interfaces: PubMed or Internet Grateful Med

Search Databases: This is an extensive list of federal government resources and other evaluated sites. Find links to AMA Health Insight, NetWellness, databases indexing professional literature, full-text guidelines, assessments, consumer guides, nutritive content of foods, health services statistics, and more.

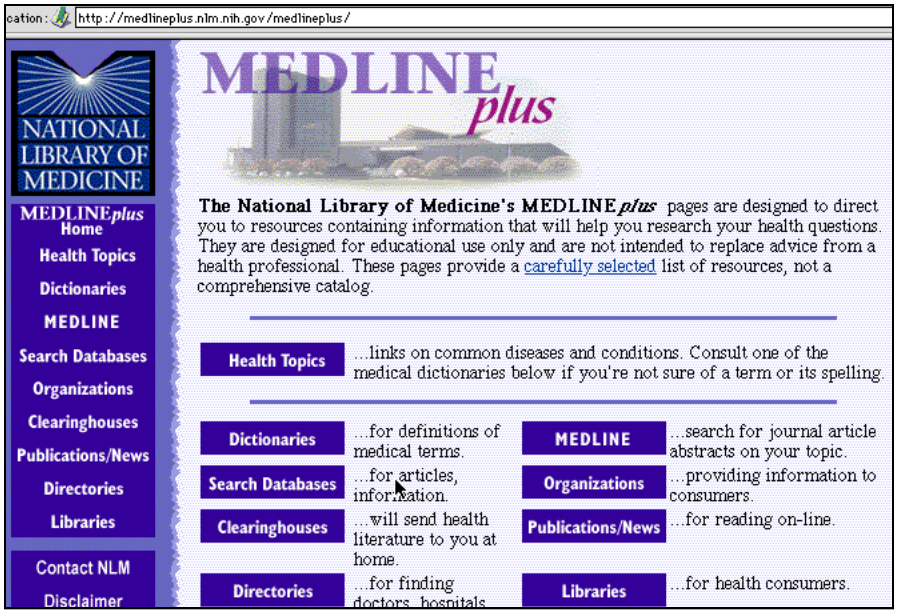
Organizations: This link includes U.S. Government Agencies and numerous health-related associations, such as the Alzheimer's Association, the American Heart Association, and the World Health Organization.

Clearinghouses: Lists sites providing consumers with printed materials, online publications, and access to other services.

Publications/News: Includes consumer versions of Clinical Practice Guidelines, news from government agencies, general interest serials such as *FDA Consumer*, electronic books, such as the AMA's *Atlas of the Human Body* or *My Body*, which provides articles on anatomy for kids, and health news from alerting services and corporate sites such as ABC, CNN, and *USA Today*.

Directories: Find health organizations, health facilities, physicians and other health professionals in sites such as the *American Dental Association's Member Directory*, the AMA Physician Select Online Doctor Finder, the *American Hospital Association Directory*, or DIRLINE, the National Library of Medicine's database of health organizations and research resources.

Libraries: Consumer health libraries, medical libraries, and public libraries participating in NLM's Consumer Pilot Project.



Introducing ... Deborah Hile

Clinical Librarian
Hope Fox Eccles Clinical Library

The “Introducing ...” column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Deborah Hile.

Deborah was born and raised in Pittsburgh, Pennsylvania and attended the University of Pittsburgh. She received an undergraduate degree in English Literature, Master of Library Science in 1996, and performed in a symphony for 10 years. She has special interests in the areas of contemporary women writers, science fiction, feminist film studies, medieval literature, and the Harlem Renaissance. She worked as a counselor for sexual assault services at the University of Pittsburgh while attending college.

Also in college, Deborah gained library experience working as a circulation assistant at the Falk Library of the Health Sciences and as a student assistant at the University Archives. She had the unique opportunity to work with rare manuscripts, oral history projects, and photography exhibits. As she became familiar and comfortable with library resources in the health sciences, Deborah decided to pursue a career in medical librarianship.

Prior to coming to Utah, Deborah held the position of Associate Health Sciences Librarian at the Lake Erie College of Osteopathic Medicine situated on beautiful Lake Erie. Her job responsibilities included reference, literature searching, Web page design, and providing instruction to faculty and students. She is having a wonderful time exploring Utah but confesses to missing lighthouses, the Phipps Conservatory/Botanical Gardens, the Andy Warhol Museum, and her boyfriend!

She has traveled a great distance to join the Eccles Library family and enjoys hiking, photography, jazz music, and writing poetry. Deborah recently won second place in a national poetry contest. Although she tends to be rather shy about sharing her work, she just might with some gentle persistence! Everyone is welcome to stop by the Hope Fox Eccles Clinical Library located in Room 4037 in the University Hospital to say “hello.”

New Electronic Reserve Service at the Eccles Library!

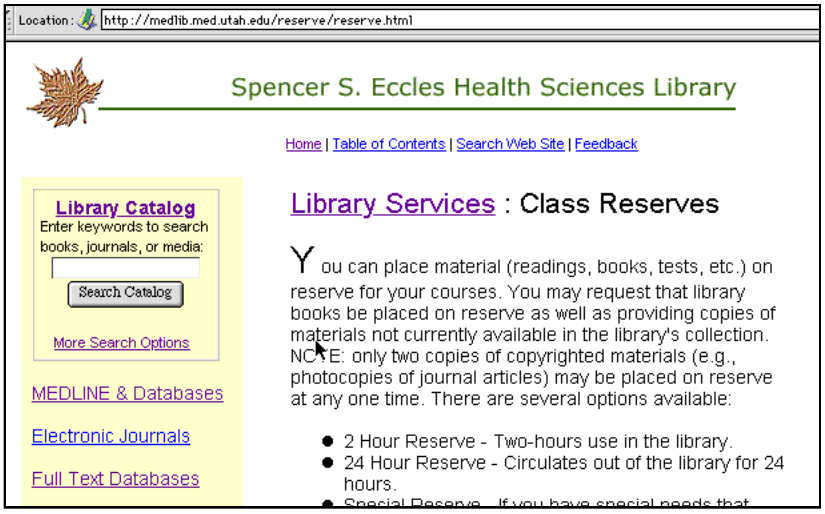
The Spencer S. Eccles Health Sciences Library encourages the use of electronic reserves when appropriate. The advantage of placing materials on electronic reserve is that the students may access the materials via the Internet 24-hours a day from any location. There are several ways of placing materials on electronic reserve and the instruction for using this service are outlined below.

1) **Original Materials** (syllabus, examinations, notes, etc.) These materials need to be digitized by the faculty (or their assistants) and delivered to the Eccles Library Circulation Department in any Web usable format two weeks before the start of the semester. The materials will be made available via the Web on the Eccles Library server. A record will be added to the Library’s online catalog. The materials can be looked up by course name and number, and faculty name.

2) **Copyrighted materials** (journal articles, book chapters, etc.) Faculty need to arrange for copyright permissions as necessary. One high quality copy of this material should be delivered to the Eccles Library Circulation Department two weeks before the start of the semester. The material will be digitized by the Library staff. The materials will be made available via the Web on the Eccles Library server in PDF format. (PDF format requires that the user have the Adobe Acrobat Reader installed on their computer.) A record will be added to the Library’s online catalog. The materials can be looked up by course name and number, and faculty name.

3) **Removal of Materials**
Materials will be removed from electronic reserve at the end of each semester. Copyright law requires that you get permission if you place the materials on reserve an additional semester.

If you need more information about how to take advantage of the new electronic reserve service, please contact Nancy Lombardo at 801-581-5241 or email at nancyl@lib.med.utah.edu.



Selected Community Right-To-Know Resources on the Internet

by Nina Dougherty, Librarian, Spencer S. Eccles Health Sciences Library

Community Right-To-Know information about the environmental pollutants to which citizens may be exposed is becoming increasingly available on the Internet. Utah and federal resources have information about estimated and measured levels of pollutants in the air and water and about what's being released to the air, water and land. Information can be retrieved by location (zip codes, counties, statewide, watersheds, and other), by specific facilities and by pollutant. Special studies and reports such as those for Superfund related sites provide some additional pollution and exposure information. Sources providing some information about use of and measurements of pesticides in the environment are not in this selected list, but can be found through Environmental Protection Agencies' (EPA) Concerned Citizens site listed below.

There are gaps in collected data, and determining actual population exposures requires additional types of information. The Toxic Release Inventory (TRI) is continually expanded to include more chemicals and more facilities, but still has many gaps. For example, dioxin is not one of the reported chemicals, and incinerators and other problematic facilities don't report. Mobile and area source emissions (such as cars and trucks, gas stations, body paint shops and dry cleaners) and the application of pesticides are not in TRI, although some information related to such emissions may be in Utah inventories and other sources. Inventories estimate total annual, not peak emissions. Relating emissions to exposure of individuals requires analysis of how people were actually exposed to the emissions, how much of an exposure they received and other factors.

Center for Environmental Information and Statistics (CEIS) Environmental Protection Agency (EPA)
http://www.epa.gov/ceis/
Provides a nice gateway to data from the Toxic Release Inventory and other resources. An Environmental Atlas and Environmental Profiles provide air and water quality, hazardous waste and toxics data for state and counties. Also has a "Digital Library of Environmental Quality."

Chemical Scorecard—A Chemical Information Service Provided by Environmental Defense Fund (EDF)
http://www.scorecard.org/
Citizen friendly display of 1995 TRI data (1996 coming soon). Search by zip code, county, state or facility. You can retrieve the information by quantity of releases of chemicals in your area causing a particular health effect - i.e. cancer, endocrine toxicant. Links to health effects information about the chemicals.

Choosing Where You Live: A Consumer Self Help Guide to the U.S. and U.S. Territories
http://www.epa.gov/ttn/uatw/tolive.html
Checklist of possible environmental concerns connected to places we live and links to publicly available information sources.

EPA - Concerned Citizens
http://www.epa.gov/epahome/citizen.htm
Links to a wealth of Community Right-To-Know resources, including what people can do.

RTK NET - The Right-To-Know Network
http://rtk.net/
An important resource for searching the Toxic Release Inventory and other databases with emissions and facility compliance information.

Utah Department of Environmental Quality—Division of Environmental Response and Remediation
http://www.eq.state.ut.us/EQERR/errhmpg.htm
Leaking Underground Storage Tanks (LUST), Toxic Release Inventory for Utah, and other Community Right-To-Know information. Tells how to obtain additional information.

AIRSDATA (EPA)
http://www.epa.gov/airsweb/

Utah Department of Environmental Quality—Division of Air Quality
http://www.eq.ex.state.ut.us/eqair/aq_home.htm
Ambient air quality data, emissions inventories, operating permits of major sources

Surf Your Watershed (EPA)
http://www.epa.gov/surf/

U.S. Geological Survey—Programs in Utah
http://h2o.usgs.gov/public/wid/html/ut.html

Utah Department of Environmental Quality—Water
http://www.eq.ex.state.ut.us/eqoas/wtr_new.htm

The Utah Water Atlas (Utah Water Research Laboratory - Utah State University)
http://www.engineering.usu.edu/uwrl/atlas/

Sector Facility Indexing Project (EPA)
http://es.epa.gov/oeca/sfi/
Production, emission and compliance information for specific facilities in five industrial sectors, including Petroleum Refineries, Steel Producers and Primary Nonferrous Metal Smelters and Refineries.

SUPERFUND - Site Specific Literature on Utah Facilities on National Priorities List
http://www.epa.gov/region08/sf/fact/r8sfut.html
Contains an overview of environmental contamination at and near sites such as Hill Air Force Base, Kennecott and the Murray Smelter. Tells where to go for more information.

InfoFair '99 Features Patricia Flatley Brennan

InfoFair '99 is planned for Friday, April 16, 1999. Patricia Flatley Brennan is the Clifford C. Snyder, M.D. and Mary Snyder Lecturer. She will speak about *SMART Patients: Consumer Health Informatics Responds to a Changing Health Care Environment*

'SMART' patients have the knowledge, resources, and motivation to participate in the self-help, self-care, and disease management activities necessary to achieve optimal wellness. 'SMART' patients play an essential role in health care delivery of the late 20th century, taking over many of the tasks and activities once done by nurses and physicians. Consumer health informatics technologies, including CD-ROMs and health-related World Wide Web sites, provide patients with access to the information and peer support necessary to meet these contemporary challenges.

Changes in the role of patients will of necessity require changes in the roles of all health professionals. This presentation will introduce participants to the idea of 'SMART' patients, examine research evaluating informatics tools to support the 'SMART' patient, and propose modifications to contemporary health care delivery models that capitalize on the 'SMART' patient as a clinical resource.

SMART is an acronym that stands for "self-assured, motivated, aware, resourceful and talented," as well as "scared, minors, anxious, reluctant, and time consuming!"

Patricia Flatley Brennan, R.N., Ph.D., is currently Moehlman Bascom Professor, School of Nursing and College of Engineering at the University of Wisconsin in Madison, Wisconsin. She recently was Professor of Nursing and Systems Engineering and Sociology at Case Western Reserve University in Cleveland, Ohio. Dr. Brennan received a Master of Science in Nursing from the University of Pennsylvania and a Ph.D. in Industrial Engineering from the, University of Wisconsin-Madison. Following seven years of clinical practice in critical care nursing and psychiatric nursing, Dr. Brennan has held several academic positions. She developed and directed the ComputerLink, an electronic network designed to reduce isolation and improve self-care among home care patients. Dr. Brennan currently directs the HeartCare initiative, a Web-based home care support service for patients recovering from cardiac surgery. Dr. Brennan is a Fellow of the American Academy of Nursing and a Fellow of the American College of Medical Informatics.

She is president-elect of the American Medical Informatics Association and serves as founding Associate Editor for its, JAMIA.

The Faculty Assistance Center

The Marriott Library Academic Computing and Library Information Systems (ACLIS) department started a group last January to assist faculty with the use of technology in their courses. The Faculty Assistance Center (FAC) is working on several projects which fall into five general areas. 1) building communities and outreach; 2) course support; 3) applying new technology to the classroom context; 4) coordination of infrastructure; and 5) rewards and recognition.

Some projects include:

- Training, implementation and support for WebCT software tools which simplify the use of the Web in faculty classes. WebCT tools include email, discussion groups, a gradebook, quizzes, and a file manager which simplifies the process of uploading and organizing course materials.
- The FAC facilitates a group of faculty and staff interested in using the Internet to augment their courses. To join the mailing list, send an email message to **pcoc-request@lists. utah.edu** with the word subscribe in the subject line.
- They are also organizing an effort to provide one easily remembered domain for online course materials. From this online course materials "home page" students would be able to link to course materials regardless of where they were actually created or maintained.

For more information about the FAC, refer to **www.utah.edu/fac**, send email to **fac-center@lists.utah.edu**, or contact the manager, Victoria Rasmussen at 801-581-7862, email at victoria.rasmussen@utah.edu.

IAIMS Newsletter *Deadline and Mailing List*

The deadline for the Summer1999 issue of the *IAIMS Newsletter* is Monday, May 3, 1999.

The IAIMS Newsletter is available electronically via the WWW at **http://medlib.med.utah.edu/iaims/iaims.html**

To receive a copy of the electronic version in PDF format, send a email message to: MAISER@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5980. VOICE: 801-585-6744. FAX: 801-581-3632. INTERNET: jeannele@lib.med.utah.edu.

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The Spencer S. Eccles Health Sciences Library
Spring Semester 1999 Hours

January 4 to April 27, 1999

Monday to Thursday	7:00 A.M.-11:00 P.M.
Friday	7:00 A.M.- 8:00 P.M.
Saturday	9:00 A.M.- 8:00 P.M.
Sunday	11:00 A.M.-11:00 P.M.

Special Hours

Martin Luther King Day, Monday, January 18	Regular hours
President's Day, Monday, February 15	Regular hours

Semester Break

March 15 to March 19, 1999	Regular hours

Spring Semester Extended Hours, April 28 to May 6, 1999

Monday to Thursday	7:00 A.M.-Midnight
Friday	7:00 A.M.-11:00 P.M.
Saturday	9:00 A.M.-11:00 P.M.
Sunday	11:00 A.M.-Midnight

Friday, May 7, 1999 7:00 A.M.- 8:00 P.M.

Spring Semester Break Hours, May 8 to May 15, 1999

Monday-Friday	8:00 A.M.-8:00 P.M.
Saturday	9:00 A.M.-6:00 P.M.
Sunday	Closed

Regular Summer Semester Hours Resume May 16, 1999

Phone Numbers

Administration	801-581-8771
Hours	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4686
Computer & Media	801-581-8052
Gifts to Library	801-581-5266
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

The ***IAIMS Newsletter*** is published 3 times a year (August, January, May), with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah.
Editor: Jeanne Le Ber
Phone: 801-585-6744
Fax: 801-581-3632
Internet: jeannele@lib.med.utah.edu
URL: http://medlib.med.utah.edu/

IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Summer 1999 *Volume 14 Number 3*

Kathleen McCloskey Honored for Outreach Efforts to Frontier Utah

The 1999 Michael E. DeBakey Library Services Outreach Award has been awarded to Kathleen M. McCloskey of the University of Utah for her outstanding efforts to reach rural underserved communities in Utah.

The DeBakey Award recognizes an outstanding librarian in the area of outreach to rural, unaffiliated or underserved medical populations. The Award, sponsored by the Friends of the National Library of Medicine, is named in honor of the internationally known heart surgeon, Dr. Michael E. DeBakey.

Kathleen McCloskey was selected because of her individual efforts to ensure that rural Utah physicians and other health professionals have access to the latest life-saving medical information available.

"As the world of medicine becomes more and more complex, the practicing physicians are swimming (some of us are doing the dog paddle or floundering) in deeper waters. Thanks to the work of the Spencer S. Eccles Health Sciences Library, and particularly Kathleen McCloskey, we are staying afloat," commented Joseph G. Cramer, M.D., President of the Utah Medical Association.

The state of Utah's frontier and rural counties cover 96% of the state's land surface area, yet hold only 22% of its population. Fifteen of Utah's 29 counties are frontier, ten are rural and only four are urban. Thus, 86% of Utah's counties qualify, in part, as Health Professional Shortage areas.

Ms. McCloskey is what is commonly known as a "circuit rider" librarian because she travels to these remote communities and provides training to medical professionals on how they can access the latest medical and scientific literature. Nearly 1,000 health professionals have been trained by Ms. McCloskey since she began this effort in 1992-1993.

"I am gratified to have this Award bearing my name honor such an outstanding librarian as Ms. McCloskey. She has made a genuine impact on health care in frontier Utah," stated Dr. DeBakey, the namesake of the award.

Dr. DeBakey chaired the National Library of Medicine's 1989 Outreach Committee which recommended that our nation take more efforts to ensure that underserved medical populations receive access to life-saving information.

Outreach is an effort to assist health professionals and students by promoting awareness of and providing access to the nation's biomedical publications. Entries for the DeBakey Award are judged on innovation, longevity of the outreach program, success of the program (number of people served, number of institutions involved, geographic area, etc.) and outcomes achieved. Dr. Michael E. DeBakey will present the 1999 Award to Ms. McCloskey on Wednesday, April 28, 1999 during the Health Information Infrastructure Conference (HII99).

In This Issue

Kathleen McCloskey Honored for Outreach Efforts 1
Wayne Peay Receives Distinguished Service Award 2
Personnel Changes 2
Finding Basic Clinical Information on the Web 2
Library Workshops and Classes 3
Introducing ... Viktoria Lewis 3
Personalized Eccles Web Page 4
Slice of Life Workshop News 4
Electronic Reserve Service Available 5
WebPAC 5
Electronic Document Delivery 5
Knowledge Weavers Web Site Redesigned 5
Pictures of InfoFair '99 6
New VideoServer at Eccles Library 7
Faculty Assistance Center 7
IAIMS Newsletter Deadline and Mailing Lists 7
Summer Semester Library Hours & Phone Numbers 8

Wayne Peay Receives the ULA Distinguished Service Award for 1999

Wayne Peay has been awarded the Utah Library Association's Distinguished Service Award for 1999. This award is designed to honor individuals whose achievements in service are of the highest caliber. This is the Association's most prestigious award presented to persons who have sustained achievements of the highest caliber for several years. Anyone meeting the criteria is eligible for nomination.

The award committee states that Wayne's "vision and ongoing persistence and leadership over many years, despite many obstacles, has been remarkable." A few examples of Wayne's vision and leadership are detailed below.

Wayne was instrumental in implementing the ARIEL system for document delivery by FAX over the Internet. This system tremendously improved the quality of faxed article delivery. In fact, Wayne delivered and helped install the ARIEL stations at a number of libraries.

Wayne worked successfully to obtain HETI funding to provide the Utah Academic Library Consortium (UALC) with their first system-wide databases. HETI funding now supports a number of UALC's most critical information resources.

The success of the HETI funds provided a model for library collections funding that Wayne was quick to perceive at a time when all funding was institutionally based. Wayne urged UALC to devise and adopt a system-wide, multi-year initiative: Libraries 2000. The program was successfully marketed to the Utah State Legislature based on UALC's solid record of cooperative activity. This initiative has benefited smaller campuses and large research libraries. Libraries 2000 also stimulated and funded the development of joint statewide database licensing, cooperative collection development, and document delivery services — all of which show impressive cost/benefit results.

Wayne will receive his award at the ULA Convention May 13 during the evening banquet. Congratulations Wayne!

Eccles Library Personnel Changes

Faye Hadley, Administrative Assistant, retired.

John Bramble, promoted to part-time Reference Assistant.

Sara Markeson, promoted to part-time Reference Assistant.

Lowell Wilson, promoted to part-time Systems Assistant.

Finding Basic Clinical Information on the Web

by Deborah E. Hile, Clinical Librarian,
Hope Fox Eccles Clinical Library

Below is a list of evaluated Web sites that include current, accurate, and authoritative information for the practicing clinician. Web resources for finding information about symptoms, physical examinations, laboratory tests, and prognosis are highlighted. Additional resources about mortality, epidemiology, incidence, and prevalence are included.

Digital Anatomist Interactive Atlases
http://www9.biostr.washington.edu/da.html
From the University of Washington, this Web site contains four atlases: Brain, NeuroSyllabus, Thoracic Viscera, and Knee. The Interactive Digital Atlas of Brain Structures offers a variety of images, computer graphic 3D images, and QuickTime animations.

Harrison's Online
http://www.harrisonsonline.com
Explore the many features when you register for a FREE 4-week trial. Harrison's Online includes full search capabilities of the new 14th edition of Harrison's Principles of Internal Medicine, late-breaking clinical trial data, updated therapy, added illustrations, and self-assessment questions.

MMWR: The Morbidity & Mortality Weekly Report
http://www.cdc.gov/epo/mmwr/mmwr.html
The Morbidity and Mortality Weekly Report (MMWR) Series is prepared by the Centers for Disease Control and Prevention (CDC). The data in the weekly MMWR is provisional, based on weekly reports to CDC by state health departments. A searchable index of MMWR publications from 1993 through the present is available. All material in the MMWR Series is in the public domain and may be used and reprinted without permission.

National Center for Health Statistics
http://www.cdc.gov/nchswww/
This site from the Centers for Disease Control and Prevention hosts a wealth of statistical information. NCHS is the primary federal organization responsible for the collection, analysis, and dissemination of health statistics. FEDSTATS is available from this page and provides easy access to statistical information produced by more than 70 U.S. federal government agencies. This is an excellent resource with current information dating through 1999.

National Guideline Clearinghouse
http://www.guideline.gov/index.asp
The National Guideline Clearinghouse (NGC) is a web site intended to make evidence-based clinical practice guidelines widely available to health care professionals. Begin your search by typing keywords into the search box or browse guidelines by disease/condition, treatment/intervention, or by organization.

Library Workshops and Classes

Classes with a fee (indicated by an asterisk) require pre-payment.

Tours and Orientations
To schedule call 801-581-5534

Introduction to SilverPlatter Databases	Large PC Lab
Wednesday, May 19, 1999	1:30 P.M.-3:00 P.M.
Thursday, May 27, 1999	10:30 A.M.-Noon
Tuesday, June 1, 1999	11:00 A.M.-12:30 P.M.

Introduction to PubMed	Small PC Lab
Friday, June 11, 1999	3:00 P.M.-4:30 P.M.
Friday, July 9, 1999	3:00 P.M.-4:30 P.M.

***Advanced SilverPlatter MEDLINE**
Contact instructor to arrange a date and time; Mary Youngkin, 801-581-5534 or email at maryy@lib.med.utah.edu

Full-text Databases	Small PC Lab
Friday, June 18, 1999	3:00 P.M-4:30 P.M.
Friday, July 16, 1999	3:00 P.M-4:30 P.M.

***Finding Information on the Internet**
Contact instructor to arrange a date and time; Jeanne Le Ber, 801-585-6744 or email at jeannele@lib.med.utah.edu

***Introduction to HTML**
Contact instructor to arrange a date and time; Nancy Lombardo, 801-581-5241 or email at nancyl@lib.med.utah.edu

***Advanced HTML** PC Lab
Contact instructor to arrange a date and time; Nancy Lombardo, 801-581-5241 or email at nancyl@lib.med.utah.edu

Presentations Using *PowerPoint	Small PC Lab
Friday, June 25, 1999	2:00 P.M-4:00 P.M.
Friday, July 30, 1999	2:00 P.M-4:00 P.M.

Bibliographic Management

Reference Manager for Windows	Small PC Lab
Wednesday, July 7, 1999	2:00 P.M-4:00 P.M.
EndNote 3 for Windows	Small PC Lab
Wednesday, July 14, 1999	2:00 P.M-4:00 P.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. For more information, class descriptions, instructor phone number, email address, and registration form, see the Eccles Library Web page at **http://medlib.med.utah.edu/education/workshop.html**—or, please call 801-581-5534 or 801-585-6744.

Introducing ... Viktoria Lewis

Evening and Weekend Supervisor
Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Viktoria Lewis.

Viktoria Lewis was born December 20, 1977 in the University of Utah Hospital. Viktoria feels it is ironic that she should come back here to earn a degree as well as to work. She graduated from Skyline High School in 1996 and started at the University of Utah that fall. Her major is Elementary Education with a minor in Spanish and she will graduate Spring 2000 after student teaching next year. She still lives with her parents and takes the bus to school, since she can't afford both a car and tuition. But she hopes to graduate without any debt.

Viktoria started working at the Eccles Library as a shelver in October of 1996 and became a desk assistant about a year later. She was given the position of evening and weekend supervisor starting Spring 1999. Her responsibilities include helping in the different departments of the library and supervising the part-time employees during evenings and weekends. She also works with faculty, staff, students, and others to answer questions about the library. Viktoria comments that "the library has always been a nice place to work as the people are friendly and helpful with working around class schedules."

Viktoria also works as a volunteer at the Utah Museum of Natural History on campus and enjoys working with the children and other tour groups. She spent a last summer studying in Spain through the University International Center. She enjoyed getting a new perspective on a different culture and hopes to travel back to see more of the country and Europe someday.

Special KW Workshop Offerings

The Knowledge Weavers team will be teaching a variety of pre-workshops at the Computers in Healthcare Education Symposium and Slice of Life workshop for multimedia developers and educators, to be held June 22 through 26, 1999 at Thomas Jefferson University. For information on registration, please visit the Slice of Life Workshop Web site at **http://slice.gsm.com**

The Knowledge Weavers team plans to offer three pre-workshops:

- Javascript Primer (Beginning Course)
- The Power of Javascript (Intermediate/Advanced)
- Streaming Media: The Next Generation

Now Fully Available: Personalized Eccles Web Page

Tyler Anderson, Web Programmer

What is Personalized Eccles?
Personalized Eccles is a new feature of the Spencer S. Eccles Health Sciences Library Web page that allows individuals to display only the library services that suit their individual needs. Essentially, you set up your own version of the Eccles Library Web page. You get only the information you want, establish links to the limited number of electronic journals of interest to you, stay current with what's new at the Library and personalize your Internet experience.

Where do I find Personalized Eccles?
Personalized Eccles can be accessed on the main Eccles Library Web page, which is located at: **http://medlib.med.utah.edu/**

What do I do when I am there?
The first thing you want to do is to set up a new account. Click on the button that says *Personalize Eccles*, and then *Set up a new account.* You will then choose your own Eccles Web ID and Eccles Web Password, along with other items of information that will help set up your new account. (NOTE: you will be able to change most of this information at a later date if you want to.)

What do I do once I have set up my new account?
Once your account has been established you will then need to set up only the sections you wish to see displayed on your personalized page.

What other options are available after the initial set up of my new account?
Once your account has been established you then have the option to change the colors of your Personalized Page. You may also choose to modify or delete the information you provided during the initial establishment of your account.

Once I have my own account established, how do I access it later?
You can access your account by signing in with your Eccles Web ID and Eccles Web Password. Use the space provided on the Eccles Library Web page, or click on the button that says *Personalize Eccles* to sign in.

How do I know if I am in my own personalized account?
Whenever your account is accessed you should see a message on the left side of the page with a message that include your first name (if you provided it during the initial set up) or your Eccles Library Web ID.

How do I further modify my Personalized Eccles Account?
If you ever want to edit your personalized page, such as to change the order in which the sections are displayed on your front page, or even delete your account, you can modify your preferences by clicking on the button that says *Personalize My Eccles*. From there you will gain access to the personalized set up page.

Can I save Personalized Eccles in the Bookmarks of my Web Browser?
Yes! You can save the URL to your Personalized Eccles page just like you would normally save any Internet address in your bookmarks.

Can other people access my Personalized Eccles page?
If you want to make your Personalized Eccles page publicly available, then look for the appropriate location on the set up page and check the box that indicates you want to allow public access to your Personalized Eccles Page. You can then inform your audience of a special URL that will link directly to your personalized page. There is no password needed. Anyone can access your version of the Web page, but they will NOT be able to modify or edit any of the information on your page.

The URL that will access any personalized version of the Eccles Web Page is: **http://medlib.med.utah.edu/cgi-bin/myeccles?YourWebID** You should replace the last part of this URL (after the question mark) **"YourWebID"** with your own Eccles Library Web ID.

Who do I contact with questions about Personalized Eccles?
If you have any comments or suggestions we encourage you to contact the system programmer, Tyler Anderson: tanderso@medstat.med.utah.edu.

Slice of Life Workshop News

The 1999 Slice of Life Workshop on Interactive Multimedia in conjunction with the Computers in Healthcare Education Symposium will be held June 22-26 at Thomas Jefferson University, Philadelphia, Pennsylvania. Two days of pre-workshop tutorials (Tuesday and Wednesday) are scheduled along with three days of conference activities (Thursday through Saturday noon). Full-session presentations, afternoon "show-and-tell" demonstrations along with Thursday and Friday afternoon posters sessions are planned. Full workshop program activities as well as registration and accommodation information can be viewed by visiting the workshop Web site at: **http://slice.gsm.com**

Electronic Reserve Service Available

Nancy Lombardo, Systems Librarian
Spencer S. Eccles Health Sciences Library

As a reminder to University of Utah faculty, the Spencer S. Eccles Health Sciences Library provides an Electronic Reserve Service. The advantage of placing materials on Electronic Reserves is that students may access the materials via the Internet 24 hours a day from any location. There are several ways of placing materials on electronic reserve based on whether you have original or copyrighted materials.

1) **Original Materials**—includes course syllabus, examinations, notes, etc. These materials need to be digitized by the faculty and delivered to the Eccles Library Circulation Department in Web usable format two weeks before the start of the semester. (If you need information about how to accomplish this, ask at the Eccles Library for assistance.) The materials will be made available via the Web on the Eccles Library Server. A record will be added to the Library's Online Catalog. The materials can be looked up by faculty name, or by course name and number.

2) **Copyrighted materials**—includes journal articles, book chapters, etc. Faculty must arrange for copyright permissions as necessary. The first semester use does not require special permission. All semesters after the first will require permission from the copyright holder if the same materials are used. One high quality copy of this material need to be delivered to the Eccles Library Circulation Department two weeks before the start of the semester or course. The material will be digitized by library staff. The materials will then be made available via the Web on the Eccles Library Server. A record will be added to the Library's Online Catalog. The materials can be looked up by faculty name, or by course name and number.

3) **Removal of Materials**
Materials will be removed from electronic reserve at the end of each semester. Copyright law requires that you get permission if you place the materials on reserve an additional semester.

Contact Nancy Lombardo for more information: 801-581-5241, or email: nancyl@lib.med.utah.edu

WebPAC

The Spencer S. Eccles Health Sciences Library's web-based Online Catalog has a new look. Check it out at: **http://medlib.med.utah.edu/webpac-bin/wgbroker?new+-access+top.eccles** As always, feedback is welcome. Send comments and suggestions to joang@lib.med.utah.edu.

Electronic Document Delivery: Receive Materials by Email!

The Interlibrary Loan (ILL)/Document Delivery Service (DDS) at Spencer S. Eccles Health Sciences Library is looking for volunteers to test the implementation of an electronic document delivery service. Using electronic mail and viewing software that is available as an accessory to Windows 95 and 98, patrons can receive documents electronically at their desktops.

If you currently use ILL or DDS services, have a PC with Windows 95 or Windows 98 and would like to receive your materials via email, please call Camille or Amy at 801-581-5282.

Knowledge Weavers Web Site Redesigned

The Knowledge Weavers recently redesigned their Web site using unique graphics thereby providing a whole new look. Visit the Knowledge Weavers at **http://medlib.med.utah.edu/kw** and contact team members with your comments, suggestions and constructive criticisms.

The Knowledge Weavers team includes information management specialists, Web programmers and designers, and multimedia production artists. Their goal is to provide health sciences educators with high quality, Web-based multimedia resources that can be used for a variety of educational purposes.

- Faculty benefit from our knowledge and expertise in the design and implementation of Web-based educational materials.
- Students have access to a variety of course materials and educational resources that are user-friendly and easily accessible through the Web.
- Web Developers have access to the Knowledge Weavers team whose combined experience, knowledge, and expertise can assist you in developing Web-based educational materials.

Health sciences professionals and students face a rapidly changing environment as information resources proliferate. Keeping up with new technologies to support health sciences education is a significant challenge. The goal of Knowledge Weavers is to make it possible for health sciences educators to create interesting, informative, and engaging Web-based multimedia materials.

Pictures of InfoFair '99
SMART Patients: Consumer Health Informatics

Many thanks to Dr. Clifford C. Snyder and Mary Snyder for their generous sponsorship of the InforFair keynote address. Patricia Flatley Brennan's remarks, as well as the Meet the Experts Panel and the two afternoon presentations can be seen and heard by linking to the Spencer S. Eccles Health Sciences Library's video-server at **http://el78-9.med.utah.edu/mbase/**

Wayne Peay, Joan Stoddart and Clifford C. Snyder

Patricia Flatley Brennan

Mary Youngkin and the Electronic Resources Fair

Jennifer Bosgraaf, Susan Roberts, Deborah Hile, Valeri Craigle

Members of the Meet the Experts Panel were Patricia Brennan, Bruce Bray, Jo Davies, Wayne Peay, Jackie A. Smith and Cheryl Thompson.

Afternoon presenters were Jackie A. Smith speaking about the Patient Education for U project, and Deborah Hile and Kathleen McCloskey speaking about consumer Web resources.

Wayne Peay and Kathleen McCloskey

Photographs by Susan Roberts ©

New Video Server at Eccles Library

Nancy Lombardo, Systems Librarian
Spencer S. Eccles Health Sciences Library

The Spencer S. Eccles Health Sciences Library and the J. Willard Marriott Library have cooperatively purchased an SGI Origin 200 Streaming Video Server. Using the WebFORCE MediaBase 3.1 Internet software to manage and serve a video collection, the Libraries will now be able to provide both live and stored video content. This video server will allow the University of Utah to expand delivery of electronic content. Lectures, including those demonstrating complex procedures or live performances, can be streamed live to distance education students at their location or stored for student retrieval at their convenience. Grand Rounds, special events and guest lectures can be delivered to faculty and students at remote sites, as well as to outlying clinics and sites in the University of Utah system. Surgical procedures and patient care techniques could be taped, digitized and incorporated into supplemental and review materials for viewing by students from any location, at any time.

Currently, Eccles Library is planning the purchase of a digital encoder, which will enable capture and digitization of live or prerecorded material. Materials can be digitized into a variety of formats to accommodate various network speeds and capacities. Formats include MPEG-1, MPEG-2, H.263/GSM and RealNetworks video and audio. MPEG formats work best within the Eccles Library, due to faster network speeds. RealNetworks format is an excellent format for delivery to the home or office. Specialized players must be installed in order to play the videos streamed from the server. Players are available for download from the MediaBase server at **http://el78-9.med.utah.edu/mbase/**

The WebFORCE Media Server consists of the MediaBase Server and the Netscape FastTrack Server. The Netscape server provides the user with access to Web pages that contain links to MediaBase videos. When a user clicks a link, the Netscape server sends the request to the MediaBase Server, which retrieves the video and streams it to the user. The Informix Dynamic Server database software stores and manages the videos as they are checked into the database and retrieved for streaming to the user.

Sample videos are available in MPEG-1 format. These samples can be tested after installing an appropriate player on your computer, or by coming to the Eccles Library. The server is currently located at **http://el78-9.med.utah.edu/mbase/** Both sample videos and players for install are located at this site. Please contact Nancy Lombardo, nancyl@lib.med.utah.edu, 801-581-5241 for more information or with creative ideas for utilizing this exciting new tool.

The Faculty Assistance Center

The Marriott Library Academic Computing and Library Information Systems (ACLIS) department started a group last January to assist faculty with the use of technology in their courses. The Faculty Assistance Center (FAC) is working on several projects which fall into five general areas. 1) building communities and outreach; 2) course support; 3) applying new technology to the classroom context; 4) coordination of infrastructure; and 5) rewards and recognition.

Some projects include:

- Training, implementation and support for WebCT software tools which simplify the use of the Web in faculty classes. WebCT tools include email, discussion groups, a gradebook, quizzes, and a file manager which simplifies the process of uploading and organizing course materials.
- The FAC facilitates a group of faculty and staff interested in using the Internet to augment their courses. To join the mailing list, send an email message to **pcoc-request@lists.utah.edu** with the word **subscribe** in the subject line.
- They are also organizing an effort to provide one easily remembered domain for online course materials. From this online course materials "home page" students would be able to link to course materials regardless of where they were actually created or maintained.

For more information about the FAC, refer to **www.utah.edu/fac**, send email to **fac-center@lists.utah.edu**, or contact the manager, Victoria Rasmussen at 801-581-7862, email at victoria.rasmussen@utah.edu.

IAIMS Newsletter Deadline and Mailing List

The deadline for the Summer 1999 issue of the *IAIMS Newsletter* is Monday, August 2, 1999.

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To receive a copy of the electronic version in PDF format, send an email message to: MAISER@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5980. VOICE: 801-585-6744. FAX: 801-581-3632. INTERNET: jeannele@lib.med.utah.edu.

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The Spencer S. Eccles Health Sciences Library Summer Semester 1999 Hours

May 16 to August 6, 1999

Monday to Thursday	7:00 A.M.-10:00 P.M.
Friday	7:00 A.M.-8:00 P.M.
Saturday	9:00 A.M.-6:00 P.M.
Sunday	Noon-6:00 P.M.

Special Hours

Memorial Day, Monday, May 31	1:00 P.M. to 8:00 P.M.
Independence Day, Sunday, July 4	Closed
Pioneer Day, Saturday, July 24	Closed

Summer Semester Break—August 7 to August 23, 1999

Monday to Friday	7:00 A.M.-8:00 P.M.
Saturday	9:00 A.M.-6:00 P.M.
Sunday	Closed

Regular Fall Semester Hours Resume August 24, 1999

Phone Numbers

Administration	801-581-8771
Hours	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4686
Computer & Media	801-581-8052
Gifts to Library	801-581-5266
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

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IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Fall 1999 *Volume 15 Number 1*

Library and Information Technology Forum Schedule for Fall Semester

The Spencer S. Eccles Health Sciences Library is sponsoring a series of noontime seminars this coming academic year. The Library and Information Technology Forum will be held the second Wednesday of the month in Classroom C from noon until 1:00 p.m. Sessions will provide an opportunity for faculty, staff and students to learn about new computer technologies and electronic information sources.

Kathleen McCloskey, Eccles Library Outreach Librarian and this year's recipient of the Michael E. DeBakey Library Services Outreach Award, will open the series by talking about her efforts with the Utah Area Health Education Center (AHEC). From the very beginning Kay participated in the planning process for a Utah area AHEC. The current collaboration between Eccles Library and the Utah AHEC is based on a national model where libraries have traditionally played a major role in the services offered by AHEC. Kay will describe the Utah AHEC/Eccles Library partnership.

In a statewide circuit rider program Kay provides training to Utah healthcare professionals in the use of the Internet and searching the World Wide Web for patient care information. An AHEC Information System of electronic resources is being planned for providers and institutions not affiliated with a medical library. Through this system library services and access to databases and full-text articles will be available. Join Kay and learn how the Eccles Library and AHEC are providing information to rural and underserved health care providers, and students doing rural rotations or seeking degrees through distance learning programs.

Forum Schedule; Classroom C from Noon to 1:00 P.M.

- September 8, 1999—Kathleen McCloskey; *The Utah Area Health Education Center/Eccles Library Outreach Service Connection*
- October 13, 1999—Suzanne Stensaas; *CD-ROM's and Clinical Clerkship*
- November 10, 1999—Deborah Hile; *Finding and Using Health Statistics on the Internet*
- December 8, 1999—Presenter and topic to be announced

International Collaboration Between the Eccles Library and Cyprus

In February of 1999, Nancy Lombardo, Systems Librarian at the University of Utah Spencer S. Eccles Health Sciences Library, and Kenning Arlitsch, Digital Librarian at the University of Utah J. Willard Marriott Library traveled to Cyprus to implement an international collaboration between the government hospital libraries of Cyprus and the Eccles Library. The collaboration will provide an Internet based document delivery system and a database of Cypriot cancer and health literature. Kenning and Andreas Savva, Medical Librarian at the Nicosia General Hospital Library, initiated the project through a grant proposal submitted to the Middle East Cancer Consortium **(http://www.mecc.org.il/)** in November of 1997. The funding was awarded in June of 1998 at which time Kenning and Nancy began to create the needed infrastructure here at the University of Utah.

A small health literature collection exists at the Nicosia General Hospital Library in Cyprus' capital city, but hospitals in other

In This Issue

Library and Information Technology Forum Schedule . . . 1
Collaboration Between the Eccles Library and Cyprus . 1-2
Asbestos As We Can 2
Library Workshops and Classes 3
Introducing ... Jennifer Bosgraaf 3
Ulrich Woermann Says "Thank You and Good-bye" 4
Duplication Changes 4
Eccles Library Personnel Changes 4
Online News 5
Update: Installing and Configuring WinSPIRS 4.0 5
Interactive Health Websites 6
Technology Assisted Curriculum Center 7
WebCT for Course Development 7
Electronic Reserve Service Available 7
Finding Basic Clinical Information 7
Receive Documents by Email! 7
IAIMS Newsletter Deadline and Mailing Lists 7
Fall Semester Library Hours & Phone Numbers 8

cities had little or no access to medical literature. To address this problem, a document delivery system was established for Cypriot medical libraries and health professionals. Eccles Library created a partnership with Cypriot medical libraries, extending them borrowing privileges through the U.S. National Library of Medicine's Loansome Doc program. Cypriot physicians and medical librarians search MEDLINE via PubMed on the Web and use Loansome Doc to request articles directly from their search results. The Eccles Library receives the requests, scans and sends the articles within 48 hours as electronic mail attachments, providing a dramatic improvement in access to the current health literature. Additionally, Nancy and Kenning purchased and installed a new PC and scanner in the Nicosia General Hospital Library, allowing Mr. Savva to scan and send articles from his library collection to other libraries, physicians, and health professionals around his country.

Cyprus publishes its own medical journal, hosts many conferences covering cancer related health issues, and has an extensive collection of government pamphlets on cancer and other health issues of interest to Cypriot consumers. Cancer and health related literature produced in Cyprus have not traditionally been collected, organized, or indexed, resulting in loss of future access to this information. To address this problem, a Web-accessible database was created using the Eccles Library Horizon online catalog. With the guidance of Joan Gregory, Head of Technical Services at Eccles Library, templates were created for adding Cypriot health literature as a subset of the Eccles online catalog. Using the PC and scanner purchased for the project, Mr. Savva creates digitized copies of the literature. He then uses a remote client to add indexing records and full-text of the Cypriot materials directly to the Eccles Library online catalog. Access to a searchable subsection of Cypriot materials is provided via the library's online catalog WebPAC, **(http://medlib.med.utah.edu/webpac-bin/wgbroker?new+-access+top.eccles)** allowing Internet searching and immediate access to the full-text of the materials. A "General Keyword" search using "Cyprus" as the keyword will return a list of the small but growing collection of Cypriot literature.

Through this collaboration, a virtual library has been created in Cyprus. Previously unobtainable literature will now be searchable and accessible immediately over the Internet. Additionally, the ability to share library collections locally and to gain access to the larger scope of medical literature through the use of Loansome Doc and PubMed allows Cypriot physicians and health professionals to have timely, effective access to the larger body of professional medical knowledge. The success of this project can be a model for international cooperation among libraries.

More on Cyprus

Cyprus is a sovereign island nation in the Middle East. The island is situated in the eastern end of the Mediterranean Sea, approximately 60 miles south of Turkey and 70 miles west of Syria. The island has 3,600 square miles of land, which places it between Delaware and Connecticut in relative size. The northern 36% of the island is under Turkish occupation, following a military invasion in 1974. The divide is managed as a United Nations demilitarized zone and consists of an unoccupied area a few city blocks wide. Military personnel from the Republic of Cyprus in the south and the Turkish Republic of Northern Cyprus man the entire border with 24-hour armed guards. This military border is referred to as "the green line." Yet despite the political tensions, the people of Cyprus are warm, friendly and regard hospitality as part of their culture.

Asbestos As We Can

The Spencer S. Eccles Health Sciences Library was completed in 1971 and for over 25 years the building proved flexible enough to accommodate both new programs and technologies. It continues to be a pleasant environment for study and research. Regrettably, the construction of the library included the installation of asbestos ceiling tile, which has proven to be a problem, particularly for remodeling and data networking.

This year a major upgrade of the lighting and heating/air conditioning systems is underway at the Health Sciences Center. This upgrade will substantially improve the efficiency of these systems. For the library, access to the heating/air conditioning controls will require asbestos removal at 47 different locations, on the three floors of the library. To remove the asbestos, a mobile containment unit will be constructed to meet the very stringent guidelines for removal. This work will begin early in the Fall Semester. Being optimistic, there is a potential upside. The scale of the asbestos removal project may result in the removal of all the ceiling tile in a separate project next year. A test of complexity of the removal is being conducted in the History of Medicine Room where all of the tile is being removed and replaced. Should a full asbestos removal project be approved, it is estimated that it would require three to six months to complete, and needless to say, have a substantial impact on library services.

If you have questions about the asbestos removal project please contact Wayne J. Peay at 801-581-8771 or email at wayne@lib.med.utah.edu.

Library Workshops and Classes

Classes with a fee (indicated by an asterisk) require pre-payment.

Tours and Orientations
To schedule call 801-581-5534

Introduction to SilverPlatter Databases
Contact instructor to arrange a date and time; Mary McFarland, 801-581-5534 or email at marym@lib.med.utah.edu

Searching MEDLINE on PubMed	Small PC Lab
Monday, September 20, 1999	2:30 P.M.-4:00 P.M.
Wednesday, September 29, 1999	3:30 P.M.-5:00 P.M.
Friday, October 22, 1999	2:30 P.M.-4:00 P.M.
Wednesday, October 27, 1999	3:30 P.M.-5:00 P.M.
Friday, November 19, 1999	2:30 P.M.-4:00 P.M.

***Advanced SilverPlatter MEDLINE**
Contact instructor to arrange a date and time; Mary Youngkin, 801-581-5534 or email at maryy@lib.med.utah.edu

Full-text Databases	Small PC Lab
Wednesday, September 22, 1999	3:30 P.M.-5:00 P.M.
Wednesday, October 20, 1999	3:30 P.M.-5:00 P.M.
Monday, November 15, 1999	2:30 P.M.-4:00 P.M.

Finding Information on the Internet
Subject specific Internet classes are being developed for Fall Semester. Contact instructor to request a subject or to arrange a date and time; Jeanne Le Ber, 801-585-6744 or email at jeannele@lib.med.utah.edu

***Introduction to HTML**
Not being offered Fall Semester. See the Marriott Library class list at http://www.lib.utah.edu/instruction/schedule.html

***Intermediate HTML**
Not being offered Fall Semester. See the Marriott Library class list at http://www.lib.utah.edu/instruction/schedule.html

Presentations Using *PowerPoint*	Small PC Lab
Friday, September 24, 1999	2:00 P.M.-4:00 P.M.
Friday, October 15, 1999	2:00 P.M.-4:00 P.M.
Monday, November 8, 1999	2:00 P.M.-4:00 P.M.

Bibliographic Management

Reference Manager for Windows	Small PC Lab
Monday, October 25, 1999	2:00 P.M.-4:00 P.M.
Friday, November 12, 1999	2:00 P.M.-4:00 P.M.
EndNote 3 for Windows	Small PC Lab
Friday, September 17, 1999	2:00 P.M.-4:00 P.M.
Monday, October 18, 1999	2:00 P.M.-4:00 P.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. For more information, class descriptions, instructor phone number, email address, and registration form, see the Eccles Library Web page at **http://medlib.med.utah.edu/education/workshop.html**—or, please call 801-581-5534 or 801-585-6744.

Introducing ... Jennifer Bosgraaf

Manager, Hope Fox Eccles Clinical Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Jennifer Bosgraaf.

Born and raised in Salt Lake City, Jennifer attended the University of Utah, and received a bachelor's degree of Science in Sociology in 1994. During her undergraduate studies, Jennifer started working at the Eccles Library in the Interlibrary Loan department as a student assistant. Upon graduation she became a full-time employee. For the past three years, Jennifer has been a vital team member of the Reference department and is familiar with the information needs of University of Utah students, staff and faculty. Helping people find information, teaching them how to use the many databases and Internet resources, and performing literature searches are only a few of her responsibilities. While working at the Eccles Library, Jennifer has developed her computer skills. She is a proficient user of word processing programs, spreadsheet applications, relational databases and the Peachtree accounting program.

Jennifer recently received her five year service award from the University of Utah. (She chose the binoculars.)

This fall, Jennifer takes on a new challenge. She has accepted a new management position at the Hope Fox Eccles Clinical Library. In this position Jennifer will apply her knowledge of the core medical library collection, and print and online information resources to meet the needs of University Hospital staff.

When not working at the library, Jennifer enjoys time with her daughter Madison. In addition, Jennifer has many outdoor interests that include biking, skiing, camping, hiking, gardening, cooking, and, her most recent challenge, windsurfing. She is excited about the opportunity to work at the Hope Fox Eccles Clinical Library. The Clinical Library is located on the 4th floor of the University Hospital in room 4037. Please stop by and say hello to Jennifer and ask about the services she provides to hospital staff.

Ulrich Woermann Says "Thank you and Good-bye"

(Editor's Note: As a visiting Fellow from Bern, Switzerland, Ulrich Woermann has worked at the Spencer S. Eccles Health Sciences Library's since October 1998. Ulrich introduced himself in the Spring 1999 *IAIMS Newsletter*. He returns home this September 1999.)

Time runs fast. It seems as if I have just arrived in Salt Lake City and now I am about to leave again. All the good things I purchased this past year, such as a car, bicycle, furniture and so on, I am about to sell. A yard sale on my last weekend in Utah will probably be one of my last typical American experiences.

My family and I had a great time in this beautiful place called Salt Lake City. We loved our visits to the National Parks, Arches, Bryce, Capitol Reef, Yellowstone, and Lake Powell. My favorite park was Zion, where we spent wonderful days in the fall and spring.

But it's not only the landscape that is fantastic, it's also the people. Our son Simon loved attending the Montessori preschool on Third Avenue where he learned English very fast and found good friends. My wife Karin went to evening classes at the University of Utah. Being a nurse, she especially loved meeting her American colleagues in a class on new developments in nursing at the College of Nursing. I profited in taking classes on English academic writing and following different courses at the Medical Informatics Department.

The Eccles Library has been a great place to work. They generously provided me with a personal office and computer, plus the use of their facility. The library's people have always been very open and welcoming and it was always good to meet with them in the staff lounge.

I finished one of my main projects, the translation of my web-based learning program on Hematology called "HemoSurf." It might turn out, that the American Society of Hematology will distribute the English version of HemoSurf. Another project was my participation in the Slice of Life conference. Together with Tyler Anderson, I developed a web-based tutorial on JavaScript. It was a great time for us both, because we could learn a lot from each other. With Valeri Craigle, I worked on a ECG-animation that should facilitate understanding how ECG curves are generated by the electrical activity of the heart. Hopefully, this animation will serve as a prototype for further animations to foster the understanding of ECGs.

The Internet has been a very important tool that helped me stay in contact with my colleagues at the Division for Instructional Media at the University of Bern, where I will return in early September. By means of email and FTP, I was able to communicate over the Atlantic and manage some of my other projects back in Switzerland.

I look forward to returning to Salt Lake City and Utah in June 2000 for the Slice of Life conference. But I also hope to see some of you in Switzerland. You will always be welcome. The easiest way to contact me is by email. My address is woermann@aum.unibe.ch. See you soon!

Duplication Changes

The Spencer S. Eccles Health Sciences Library Duplication Department has made some significant changes over the Summer Semester. Six new Canon 6080 machines have been installed. These machines are capable of copying 80 pages per minute, zoom from 50% reduction to 200% enlargement, two page separation, automatic duplexing, autofeeder, collator (2 machines) and more. In response to library patron requests, an additional sixth machine was added. To accommodate this sixth machine, one of the counters was removed. In addition, there is a coin-operated machine available on the lower lever.

A cost study has just been completed for the Duplication Department. As a result, beginning September 1, 1999, prices for copies will be 8 cents for preprinted copy cards. Copy cards are available at a cost of $8.00 for 100 copies and $16.00 for 200 copies. Cash and coin-op will remain at ten cents per copy.

Some academic and hospital departments may have ten cent copy cards that have not been used. The Eccles Library duplication staff will convert the unused amounts on these cards to the new eight cent rate. For example, if you have 40 copies remaining on your ten cent copy card you can convert this card to the eight cent rate which will add an additional 10 copies to your card. The new cards go on sale September 1 and any adjustments to old cards will be done at that time.

If you have any questions or concerns about the new copy prices, please contact Dawn Ashment at 801-581-5267 or Niloofar Bakhti at 801-581-5258.

Eccles Library Personnel Changes

Tyler Anderson has left the Knowledge Weavers for a new position off-campus.

Jennifer Bosgraaf has been promoted to Manager at the Hope Fox Eccles Clinical Library.

Deborah Hile has been promoted to a newly created position, Acquisitions Librarian.

Monica Jenks has been hired as the Administrative Assistant to replace Faye Hadley who recently retired.

Nancy Lombardo is on maternity leave from September to December 1999.

Online News

ELECTRONIC JOURNALS
The Spencer S. Eccles Health Sciences Library provides access to nearly 500 full-text electronic journals on the Electronic Journals page at **http://medlib.med.utah.edu/database/ejournal.html** and via the Horizon Online Catalog at **http://medlib.med.utah.edu/webpac-bin/wgbroker?new+-access+top.eccles** There are also a wealth of titles from the J. Willard Marriott Library website at **http://www.lib.utah.edu/cgi-bin/dr.pl?cnts=EP**

University of Utah users have access to titles from a wide variety of societies and publishers such as the American Chemical Society, the American Institute of Physics, the American Physiological Society, the BMJ Publishing Group, Cambridge University Press, the Canadian Institute for Scientific and Technical Information, Federation of American Societies for Experimental Biology (FASEB), the Institute of Physics, Highwire Press, Oxford University Press, the Society for Computing Machinery, Springer, and Wiley Interscience, just to name a few.

Recent additions to the Eccles Library Web page include *Biophysical Journal, Journal of Clinical Oncology, Mechanisms of Development, Molecular Biology of the Cell, Radiology,* and all English language titles from the publisher Karger.

The library welcomes suggestions for the electronic journals page. Please send an email message to Mary Youngkin at maryy@lib.med.utah.edu or call her at 801-581-5534.

DATABASES
Science Citation Index, 1986 to the present, is now available electronically across campus! Simply go to Marriott Library's Electronic Indexes, Databases, and Reference Materials site at: **http://www.lib.utah.edu/cgi-bin/drframe.pl** Search on "Science Citation" or click on "S" to see an alphabetical list of databases. You will need to download and install a small program called *Citrix* before continuing. Instructions are at: **http://pax.lib.utah.edu/appwiz/pcnwiz332.htm** For search instructions, see the Database Tipsheet at **http://www.lib.utah.edu/science/handouts/Scicitn.pdf**

Nutrition Abstracts & Reviews
http://nutrition.cabweb.org/nara/aba_home.htm
"A monthly [abstract] which is specially produced for research workers, consultants, public health specialists, clinical nutritionists, advisors and general practitioners and includes international coverage of analytical methods, foods, physiology and biochemistry, human health and nutrition, nutritional disorders and therapeutic nutrition."

Alt-HealthWatch
http://www.softlineweb.com/softlineweb/althealth.htm
"Alt-HealthWatch is a full-text database of periodicals, peer-reviewed journals, academic and professional publications, magazines, consumer newsletters and newspapers, research reports, and association newsletters focused on complementary, alternative and integrated approaches to health and wellness."

SOFTWARE
The Eccles Library has a one-user license for *EndNote* version 3. Ask for the zip disk at the Computer and Media Desk to use this bibliographic management program in the library. Version 3 has the ability to directly connect and search a remote database such as PubMed or online library catalogs.

HARDWARE
The Eccles Library just acquired a second scanner. This new product is a Microtek Scanmaker X6EL with a 35mm plug-in capable of scanning slides. Bundled with the scanner are *Adobe Photoshop, DocuMagix, PaperMaster* and *Caere OmniPage* applications. Scanner will be available in the Computer and Media Lab on the lower level at the start of Fall Semester.

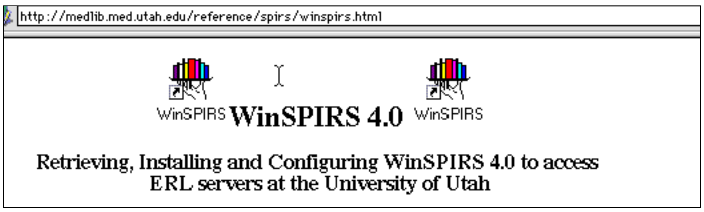
Update: Installing and Configuring WinSPIRS 4.0

Instructions for installing and configuring the SilverPlatter Windows client software have been updated on the Spencer S. Eccles Health Sciences Library's website at **http://medlib.med.utah.edu/reference/spirs/winspirs.html** The WinSPIRS 4.0 client provides access to databases, such as MEDLINE, AGELINE, CINAHL, HealthSTAR, and SportDiscus.

SilverPlatter databases are available using either the Windows client, WinSPIRS, or the Web version, WebSPIRS. WebSPIRS requires no installation. WinSPIRS databases can be accessed from any computer on campus once the client is installed. SilverPlatter WinSPIRS databases can also be accessed via direct modem dial-up to the University of Utah campus server. However, the WinSPIRS client cannot be used to access SilverPlatter databases from off-campus using the proxy server.

If you use the University of Utah's proxy server for remote access from off-campus, access the SilverPlatter databases using WebSPIRS from the Eccles Library's website, **http://medlib.med.utah.edu/reference/medline.html#silver**, or from Marriott Library's website, **http://www.lib.utah.edu**, using the Indexes, Databases, & Reference Material link.

And as a reminder, MEDLINE can be accessed from any Internet browser using the PubMed search engine.



Interactive Health Websites

Liz Workman, Adult Reference Librarian, Bingham Creek Library

Interactive websites provide another option in information retrieval on the World Wide Web. Such sites allow computer users to tailor the sort of information they are seeking by entering personalized data and clicking on the feedback options they wish to view. Many website creators have applied this technology to consumer health-related information. Interactive consumer health websites often furnish information by testing the user's knowledge (and offering related data) on a specific topic, or by building personal health assessments, or by recalling specific, requested data. Internet users can easily find such websites by entering keywords like "quiz", "test", or "assessment" at launching points devoted to health information (i.e. **http://www.healthfinder.gov** or **http://dir.yahoo.com/Health/**) or by combining such terms with health-oriented keywords like "cancer" or "stress" for general search engines. However, while using interactive consumer health websites, one should consider some standard evaluative criteria. These include: identification, credibility and authority of the creator(s), accuracy of content, logical design, currency of content, and especially the motives behind its existence. There are websites whose purpose is to simply advertise products, or even urge visitors to purchase products online. Look for sites that furnish only objective information. The following links offer a sampling of some interesting interactive websites.

American Medical Association Interactive Health
http://www.ama-assn.org/consumer/interact.htm

This site has six interactive components that address healthy weight, heart risk assessment, personal/family health history, personal nutritionist, personal trainer and skin cancer risk assessment. Each section features quizzes, assessments, or forms for creating health profiles.

Check Your COPD "I.Q."
http://www.aarc.org/patient_resources/iq_tests/copd/copd_form.html

Users can test their knowledge of Chronic Obstructive Pulmonary Disease (COPD). The site offers detailed answers to each question. Sponsored by American Association for Respiratory Care.

Check Your Smoking I.Q.
http://www.nhlbi.nih.gov/nhlbi/educprog/smoking.html
Sponsored by the National Heart, Lung, and Blood Institute, this site is especially helpful for "older smokers." Take the quiz to find out more about smoking and its consequences.

Why Do You Smoke?
http://*Rex.nci.nih.gov/NCI_Pub_Interface/Why_do_you_smoke/why.html*
Users can click on an option which correlates with why they smoke to find tips on quitting. Sponsored by National Cancer Institute.

Diabetes Risk Test
http://www.diabetes.org/ada/risktest.asp
This brief but useful quiz can help users assess their chances of having diabetes. The answer page calculates one's risk and lists the disease's warning signs. Sponsored by the American Diabetes Association.

Food Finder
http://www.olen.com/food

Enter the variables you desire and click "Fire up the deep fryer." Display nutritional information by restaurant, food type, or retrieve all data available choosing "Display all restaurants" and leaving the other fields blank before searching. Site information is based on the book *Fast Food Facts* by the Minnesota Attorney General's Office.

Food Safety Quiz for Kids
http://www.fda.gov/oc/opacom/kids/html/wash__hands.htm

Click "Food Safety Quiz" on the left side of the screen. This is a fun interactive site that teaches kids about safe food preparation and clean-up.

Health Risk Assessment
http://www.youfirst.com/hra.htm
Click on the "Proceed to the Test" option. Enter your name and a password of your choice. Enter the requested information (most of the personal information is optional). After clicking submit, complete the questionnaire. The site will compile a somewhat substantial health risk assessment. Sponsored by Greenstone Healthcare Solutions.

Stroke Risk Scorecard
http://www.americanheart.org/Stroke/Risk_Factors/

Some stroke risk factors are based on heredity, while others are a function of natural processes. Other risk factors result from a person's lifestyle. Factors resulting from lifestyle or environment can be modified with a doctor's help. Click on the "Stroke Risk Scorecard" for a short, personal evaluation. Site is sponsored by the American Heart Association.

Thriveonline Stress Test
http://www.thriveonline.com/serenity/stress/

The Stress Management Questionnaire (SMQ®) can help you decide how well you're dealing with stress. This test measures "stress warning signs" such as anger and tension. Results can be compared to those of a friend or companion. Founded in 1996 as a joint venture between America Online and Time Inc., ThriveOnline is now a wholly owned subsidiary of Oxygen Media.

Technology Assisted Curriculum Center

The Technology Assisted Curriculum Center exists to support the efforts of University of Utah faculty members to integrate various technologies and information navigation skills into their curriculum for the enhancement of quality teaching and learning.

TACC's mission is to take part in ushering in the new millennium by providing faculty members with a wide, up-to-date, and user-friendly spectrum of digital services and resources. TACC is conveniently located in the Marriott Library, making information resources and the knowledge base of skilled librarians and information professionals available for faculty curriculum development. Because TACC is a partnership among the libraries, University of Utah academic departments and colleges, and Academic Outreach and Continuing Education, consultants at the TACC draw upon and provide varied services and resources for disciplines across the curriculum. All faculty members—ranging from the computer novice to the expert in developing fully asynchronous courses—are encouraged to actively participate in an environment conducive to collaboration, experimentation, exploration, and innovation in education.

Visit TACC's website at **http://tacc.utah.edu/** for information about the Center's goals, staff, activities, events, news and academic resources.

WebCT for Course Development

WebCT, which stands for Web course tools, offers faculty a variety of tools for developing their courses online. WebCT tools include a file manager for course materials, an HTML editor, a calendar of course events, a test/quiz feature, student presentations, communication tools (Chat, Bulletin Board and email), and student management. Victoria Rasmussen manages the WebCT system for campus and may be contacted at 801-581-7862 or by email at victoria.rasmussen@utah.edu. For additional information refer to the TACC home page at **http://www.tacc.utah.edu** and click on the WebCT icon.

University of Utah Health Sciences Center faculty who are interested in making their course materials available on WebCT can contact Jeanne Le Ber at 801-585-6744 (email: jeannele@lib.med.utah.edu) for basic help with use of the program.

Electronic Reserve Service Available

The Spencer S. Eccles Health Sciences Library provides an Electronic Reserve Service. The advantage of placing materials on Electronic Reserve is that students may access the materials via the Internet 24 hours a day from any location. There are several ways of placing materials on electronic reserve based on whether you have original or copyrighted materials. See the Summer 1999 issue of the *IAIMS Newsletter* for details or contact Nancy Lombardo for more information: 801-581-5241, or email: nancyl@lib.med.utah.edu.

Finding Basic Clinical Information

A new Web resource called "Finding Basic Clinical Information" is now available at **http://medlib.med.utah.edu/clinical/clinical.htm** This website provides annotated links to current and reliable clinical information on the Web and is maintained by the Hope Fox Eccles Clinical Library. Topics covered include diagnosis and treatment, health and social services, health promotion, legal and ethical issues, and statistics and epidemiology.

Receive Documents by Email!

The Interlibrary Loan (ILL)/Document Delivery Service (DDS) at Spencer S. Eccles Health Sciences Library is looking for volunteers to test the implementation of an electronic document delivery service. Using electronic mail and viewing software that is available as an accessory to Windows 95 and 98, patrons can receive documents electronically at their desktops. If you currently use ILL or DDS services, have a PC with Windows 95 or Windows 98 and would like to receive your materials via email, please call Camille or Amy at 801-581-5282.

IAIMS Newsletter Deadline and Mailing List

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)
Assistant Editor: Deborah Hile (dhile@lib.med.utah.edu)

The deadline for the Spring 2000 issue of the *IAIMS Newsletter* is Monday, November 29, 1999.

The IAIMS Newsletter is available electronically via the WWW at **http://medlib.med.utah.edu/iaims/iaims.html**

To receive a copy of the electronic version in PDF format, send an email message to: MAISER@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5980. VOICE: 801-585-6744. FAX: 801-581-3632. INTERNET: jeannele@lib.med.utah.edu.

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Included as an insert in this issue is a library classes survey which has been developed to assess your information/ education/instruction needs. Please take two minutes to fill the survey out and drop it in the mail. Thank you!

The Spencer S. Eccles Health Sciences Library Fall Semester 1999 Hours

August 23 to December 16, 1999

Monday to Thursday	7:00 A.M.-11:00 P.M.
Friday	7:00 A.M.-8:00 P.M.
Saturday	9:00 A.M.-8:00 P.M.
Sunday	11:00 A.M.- 11:00 P.M.

Special Hours

Sunday, September 5	Closed
Labor Day, Monday, September 6	1:00 P.M. to 8:00 P.M.
Thanksgiving Recess	
Wednesday, November 24	7:00 A.M.-8:00 P.M.
Thursday, November 25	Closed
Friday, November 26	8:00 A.M.-5:00 P.M.
Friday, December 10	7:00 A.M.-11:00 P.M.
Saturday, December 11	9:00 A.M.-11:00 P.M.

Fall Semester Break—December 17, 1999 to January 2, 2000

Monday to Friday	7:00 A.M.-6:00 P.M.
Saturday	9:00 A.M.-6:00 P.M.
Sunday	Closed
Saturday, December 25	Closed
Saturday, January 1	Closed

Regular Spring Semester Hours Resume January 3, 2000

Phone Numbers

Administration	801-581-8771
Hours	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4686
Computer & Media	801-581-8052
Gifts to Library	801-581-5266
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

The ***IAIMS Newsletter*** is published 3 times a year (August, January, May), with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah.
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URL: http://medlib.med.utah.edu/

IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Fall 2000 *Volume 16 Number 1*

Library and Information Technology Forum Fall Schedule

The Spencer S. Eccles Health Sciences Library sponsors a series of noontime seminars related to libraries and information technologies. The Library and Information Technology Forum is generally held the second Wednesday of the month in Classroom C in the School of Medicine from 12:05 until 1:00 P.M. Sessions provide an opportunity for faculty, staff and students to learn about new computer technologies and electronic information sources. See **http://medlib.med.utah.edu/eccles/lift.html/** for full program descriptions and a look at past Forums.

The September 20 LIFT Forum features Nancy T. Lombardo who will provide an introduction to the Eccles Library digital video studio. The library now has the equipment necessary for creating digital video content. A combination of hardware and software are used to create new or convert existing video into media that can be streamed over the Internet or played from a CD or DVD. This program will cover a brief overview of the processes involved in producing digital video. An outline of the issues that must be considered when deciding whether to produce digital video will be presented.

Forum Schedule; Classroom C from 12:05 to 1:00 P.M.

- September 20, 2000—Nancy Lombardo; *Streaming Video and the Eccles Library Digital Video Studio*
- October 11, 2000—Deborah Hile; *Creating a Multilingual Website: Lessons from the Electronic Spanish Health Project*
- November 8, 2000—Bernie LaSalle; Topic TBA
- December 6, 2000—L. J. Stensaas and Derek Cowan; *Using Flash to Publish a Brain Atlas*

Patient Education Workshop Goes High Tech

Health care providers are responsible for providing effective patient education in the clinical setting. To do this, Jackie A. Smith, Ph.D., former patient education coordinator for University of Utah Hospitals and Clinics, developed and taught a six-hour patient education workshop for staff. The objective of the workshop is to help staff optimize their teaching skills in order to help patients and family members to obtain the knowledge, skills and behaviors necessary to increase compliance with health-enhancing behaviors, to promote informed decision-making, and to maximize the benefits of their health care. The workshop, which has been approved for 6.3 CEU's, has been well received. But unfortunately, it is almost impossible for providers to take time away from bedside care or the clinic for a nearly all-day workshop.

An idea to remedy this situation came from the InfoFair presented last fall. Why not convert the workshop to an interactive online tutorial in modular format? Immediately after the InfoFair, Jackie contacted Nancy Lombardo to discuss the possibility of converting the workshop so staff could go through the workshop independently, using computers located anywhere within the University of Utah Health Sciences campus and outlying clinics. The new modular workshop would be divided into four one-hour blocks allowing staff members to take the workshop at their convenience. The online workshop saves time for the instructor as well.

The Hayward Foundation provided a grant to the Eccles Library to move the workshop to the online modular format. The project will involve video experts, programmers, graphic artists, and the

In This Issue

Library & Information Technology Forum Fall Schedule . 1
Patient Education Workshop Goes High Tech 1-2
Eccles Library Video Studio in Production! 2
Eccles Library Arranges MD Consult Trial 2
Library Workshops and Classes 3
TACC & Library Education Services 3
Kudos to Nancy and Kenning & Gifts to the Library 4
New Docline in Interlibrary Loans 4
Electronic Journals & Wireless Network Available 5
Utah CHI Network Project & Library Greening Efforts . 5
Voice Over IP or Free Phone Calls Via the Internet 6
EBSCO*host* & Ouch! Journal Title Cancellations 6
Introducing ... Adnan Bilwani 7
Slice of Life 2001 7
IAIMS Newsletter Deadline & Mailing Lists 7
Fall Semester Library Hours and Phone Numbers 8

Eccles Library's video studio. Methods to be used with the online tutorial include video clips, interactive activities, and online practice sessions designed for a wide variety of learning styles. The goal is to provide up-to-date workshop content in a creative, professional, and easily navigable user interface. For more information on the project you may contact Nancy T. Lombardo (801-581-5241; nancyl@lib.med.utah.edu) or Jackie A. Smith (801-581-4804?; jackie.smith@hsc.utah.edu).

Eccles Library Video Studio in Production!

The Spencer S. Eccles Health Sciences Library video studio is currently involved with a variety of digital video projects. A list of these projects follows.

1) **Neuro-Ophthalmology Materials**—In cooperation with Dr. Digre and Dr. Rose, a series of eye movement disorders have been converted from 3/4" tape to digital video for use in the Neuro-Ophthalmology rotations for medical students and residents. This is an excellent example of appropriate use of the technology. These disorders are nearly impossible to describe without video or live demonstration. By creating a collection of examples in video format and making them available on the Web, the faculty will be able to demonstrate the disorders during lectures and the students and residents can review them at their convenience. The videos are short and do not require "Hollywood" quality in order to provide an effective representation.

2) **Neurology Exam Interviews**—Directed by Dr. Rose, neurology exam interviews are being videotaped (in digital format) for use with medical student training. This allows the faculty to demonstrate techniques to the entire class during lecture and, through Web access, allows students to review any time.

3) **Psychiatric Interviews**—These interviews have similar applications as the Neurology interviews, but also allows the capture of evidence of specific disorders which may be uncommon, and therefore not easily demonstrated to students.

4) **Basic patient interviewing** will be videotaped and digitized.

5) **Neuro-Anatomy Review**—In collaboration with Dr. Stensaas, there is a plan to create a "quick review" of neuroanatomy in digital format.

6) The video studio staff plans to broadcast and capture live **Medical Informatics Seminars** this fall. This allows access to the content by a larger audience at the time of delivery. The lectures will also be stored for on-demand delivery after the event.

Eccles Library Arranges MD Consult Trial

MD Consult is a subscription service that provides access to a wide range of full text clinical information. The Spencer S. Eccles Health Sciences Library, in conjunction with the Utah Health Sciences Library Consortium, has arranged a free three-month trial for University of Utah faculty, staff, and students from July 15, 2000 until October 15, 2000.

An excellent resource for health professionals to access from work or home, MD Consult is quickly becoming a standardized service medical libraries provide to their patrons. Users are impressed with the 24-hour Web access, the fact that it offers the current edition of 37 text books in addition to full text journal articles from 45 peer-reviewed journals, online CME, drug information, practice guidelines, and news reports and more. This represents "over 140 trusted resources integrated into one service."

Paired with the 31 text books offered through STAT!Ref another full text service to which the library subscribes, full text access to text books is no longer a dream, but a reality. This is especially important for rural practitioners and students serving in off-site rotations. Becoming familiar with a new library at each site is no longer a challenge. By providing access to these two resources, Eccles Library has now made it possible for you to take a full text library with you where ever you go.

In our efforts to keep University of Utah Health Sciences Center professionals connected with the latest in information technology, the Eccles Library encourages you to go to the website below, signup and get your own User ID and password to this exciting new information system.

http://home.mdconsult.com/groups/utah2148.html

Take advantage of this new exciting service and let us know how it serves your need. Send your comments and suggestions to Mary Youngkin at maryy@lib.med.utah.edu or 801-581-5534.

Library Workshops and Classes

Classes with a fee (indicated by an asterisk) require pre-payment.

Tours and Orientations
To schedule call 801-581-5534

Introduction to SilverPlatter Databases
Contact instructor to arrange a date and time; Mary McFarland, 801-581-5534 or email at marym@lib.med.utah.edu

Searching MEDLINE on PubMed	Small PC Lab
Wednesday, September 13, 2000	3:00 P.M.-4:30 P.M.
Thursday, September 21, 2000	2:00 P.M.-3:30 P.M.
Monday, October 2, 2000	10:00 A.M.-12:00 P.M.
Friday, October 20, 2000	3:00 P.M.-4:30 P.M.
Monday, October 30, 2000	12:00 P.M.-1:30 P.M.
Thursday, November 2, 2000	2:00 P.M.-3:30 P.M.
Monday, November 13, 2000	12:00 P.M.-1:30 P.M.

***Advanced SilverPlatter MEDLINE**
Contact instructor to arrange a date and time; Mary Youngkin, 801-581-5534 or email at maryy@lib.med.utah.edu

Full Text Databases	Small PC Lab
Monday, September 18, 2000	2:30 P.M.-4:00 P.M.
Monday, October 16, 2000	2:30 P.M.-4:00 P.M.
Friday, November 3, 2000	12:00 P.M.-1:30 P.M.

Business Sources on the Web	Small PC Lab
Thursday, September 28, 2000	10:00 A.M.-11:30 A.M.
Friday, November 17, 2000	1:00 P.M.-2:30 P.M.

***Beginning HTML**	Small PC Lab
Wednesday, October 4, 2000	9:30 A.M.-12:00 P.M.
Wednesday, October 18, 2000	2:30 P.M.-5:00 P.M.

***Intermediate HTML**	Small PC Lab
Thursday, October 5, 2000	9:30 A.M.-12:00 P.M.
Thursday, October 19, 2000	2:30 P.M.-5:00 P.M.

Specialized Databases for the Health Professional	Small PC Lab
Thursday, September 21, 2000	12:00 P.M.-1:30 P.M.
Wednesday, October 25, 2000	9:00 A.M.-10:30 A.M.

Presentations Using *PowerPoint*	Small PC Lab
Thursday, September 14, 2000	10:00 A.M.-12:00 P.M.
Wednesday, September 27, 2000	2:00 P.M.-4:00 P.M.
Wednesday, October 18, 2000	3:00 P.M.-5:00 P.M.
Wednesday, October 25, 2000	3:00 P.M.-5:00 P.M.
Wednesday, November 1, 2000	2:00 P.M.-4:00 P.M.

Bibliographic Management

EndNote 3 for Windows	Small PC Lab
Monday, October 23, 2000	2:00 P.M.-4:00 P.M.
Friday, November 10, 2000	2:00 P.M.-4:00 P.M.
Reference Manager for Windows	Small PC Lab
Tuesday, November 7, 2000	10:00 A.M.-12:00 P.M.

Scanning with Adobe Photoshop	Small PC Lab
Friday, September 29, 2000	2:00 P.M.-4:00 P.M.
Monday, October 23, 2000	10:00 A.M.-12:00 P.M.
Monday, November 6, 2000	2:00 P.M.-4:00 P.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. For more information, class descriptions, instructor phone number, email address, and registration form, see the Eccles Library Web page at **http://medlib.med.utah.edu/education/workshop.html**—or, please call 801-581-5534 or 801-585-6744.

Technology Assisted Curriculum Center

The Technology Assisted Curriculum Center (TACC) exists to support the efforts of University of Utah faculty members to integrate various technologies and information navigation skills into their curriculum for quality teaching and learning.

TACC is conveniently located in the J. Willard Marriott Library, making information resources and the knowledge base of skilled librarians and information professionals available for faculty curriculum development. Because TACC is a partnership among the libraries, University of Utah academic departments and colleges, and Academic Outreach and Continuing Education, consultants at TACC draw upon and provide varied services and resources for disciplines across the curriculum. All faculty members—ranging from the computer novice to the expert in developing fully asynchronous courses—are encouraged to actively participate in an environment conducive to collaboration, experimentation, exploration, and innovation in education. Visit TACC's website at **http://www.tacc.utah.edu/** for information about the Center's goals, staff, activities, events, news and academic resources.

Library Education Services

University of Utah faculty who would like to incorporate the use of online databases and electronic resources into their class assignments can contact the Spencer S. Eccles Health Sciences Library's Education Services department. Our specific focus is health sciences resources. Library faculty provide instruction in the use of the catalog, databases (MEDLINE, CINAHL, SportDiscus, AGELINE, etc.), online resources (electronic journals and textbooks, and websites) software programs (presentation software such as PowerPoint, bibliographic management software such as EndNote), HTML basics, scanning with Adobe Photoshop and much more.

Please contact Jeanne Le Ber at 801-585-6744 or jeannele@lib.med.utah.edu for more information or to arrange for instruction opportunities.

Kudos to Nancy and Kenning

Nancy T. Lombardo, Systems Librarian, at the Spencer S. Eccles Health Sciences Library, and Kenning Arlitsch, Head of the Digitization Center at the J. Willard Marriott Library, traveled to London in July to present a paper at the 8th International Congress on Medical Librarianship. The paper presented was titled *The Cyprus Medical Libraries Project: International Collaboration for Electronic Document Delivery and Full Text Database Development.* The paper describes the international collaboration that exists between the Eccles Library and the Health Sciences Library and Information Center in Nicosia, Cyprus. The full story is available in the conference proceedings at: **http://www.icml.org/tuesday/ill/lombardo.htm** A modified and updated version of the paper will be published in the summer issue of the journal, *Issues in Science & Technology Librarianship*, available in late August.

Gifts to the Library

The Spencer S. Eccles Health Sciences Library welcomes gifts that fall within the scope of the library's collection and which support the University's programs. Gifts of books, journals, and other library materials often contribute significantly and strengthen the collection. Of particular interest are rare items with research value that are in good physical condition.

Gifts are accepted with the understanding that the Eccles Library becomes the owner of the materials upon receipt. The Library reserves the right to determine whether materials will be added to the collection, where they will be located, and how they will be made accessible to library users.

Anyone interested in donating books should arrange receipt of the materials with Deborah Hile at 801-587-9247; dhile@lib.med.utah.edu. Journal donations should be coordinated with Laura Jones at 801-581-5266; laura@lib.med.utah.edu.

Donors requesting an acknowledgment of their gift for tax purposes should provide a list of all materials donated. Federal law and regulations do not permit us to supply dollar values for donations. We encourage donors to seek advice from a tax consultant about current requirements.

Donations of funds to supplement the Library's acquisitions are always welcomed. For information on making contributions or establishing an endowment please contact Wayne Peay, Director of the Eccles Library, at 801-581-8771.

Thank you for thinking of the Eccles Library.

New DOCLINE in Interlibrary Loans

Have you noticed a different look when receiving an article from the Interlibrary Loans department at the Spencer S. Eccles Health Sciences Library lately? Have you wondered why? The major changes for our customers are the new cover sheet that comes with their article, and better service due to a more efficient online system. The changes for the ILL department are numerous. Our main ordering system has been updated and we are now using a new DOCLINE system.

DOCLINE is the National Library of Medicine's automated interlibrary loan request routing and referral system. On July 17, 2000, the new DOCLINE system was up and running. The purpose of this system is to provide improved document delivery service among libraries in the National Network of Libraries of Medicine. This is done by linking journal holdings to efficiently route the requests to potential lending libraries, on behalf of the borrower.

Requests can be created, edited, routed, received and filled in this new system. DOCLINE libraries can now more easily check the status of requests for their customer in the borrowing or lending module.

New DOCLINE makes ordering a request much easier. The borrowing library selects from a menu of four request options that include:

- PubMed
- LOCATOR*plus*
- Unique Key (includes ISSN numbers, OCLC numbers etc.)
- Manual feature

New DOCLINE comes with no formal training, but library staff have found it easy to learn. And when questions or problems arise, we have several colleagues to call on for an answer.

The Interlibrary Loans department at Eccles Library has redesigned the yellow ordering card to help us with the new DOCLINE ordering, as well as billing. But we also want to remind customers of the ability to order from our home page under Loans & Deliveries. Eccles Library home page can be found at **http://medlib.med.utah.edu/** You can always call Camille Salmond or Amy Birks at 801-581-5282 for help. Email Camille at csalmond@lib.med.utah.edu.

Electronic Journal Update

University of Utah staff, students and faculty now have access to hundreds of electronic journals. New additions include:

- 84 Blackwell Science journals linked from PubMed as well as an additional 116 titles in other disciplines
- Cell Press Titles: *Cell, Molecular Cell, Neuron,* and *Immunity*
- 50 MD Consult journals, including the "Clinics" and "Yearbook" series, *American Journal of Sports Medicine, American Journal of Gastroenterology,* and *Annals of Emergency Medicine*, just to name a few. Go to **http://home.mdconsult.com/groups/utah2148.html** to register for a free username and password
- All titles from the Institute of Physics
- 13 Mosby titles, including *American Heart Journal, American Journal of Obstetrics and Gynecology, Journal of Emergency Nursing* and *Nursing Outlook*. Send email to reference@lib.med.utah.edu to obtain the username and password for this set of journals
- New titles from the 13 databases on EBSCO*host*, which cover a wide variety of disciplines including health, alternative medicine, and business. See the article on page 6.
- Hundreds of additional journals available on the Marriott Library E-journals page are linked from Research & Collections at **http://www.lib.utah.edu/**

Spencer S. Eccles Health Sciences Library electronic titles can be accessed through the Library's catalog or via the electronic journals page at: **http://medlib.med.utah.edu/database/ejournal.html**

Access is primarily the result of institutional licensing agreements and is usually tied to print subscriptions. Valid users are authenticated by IP address; a few titles require username and password. Please send email to maryy@lib.med.utah.edu

Wireless Network Available at Eccles Library

Remember, the Spencer S. Eccles Health Sciences Library now offers wireless network access to the Internet. This provides access to the majority of library services, as well as email, the Web, and all other IP services. To take advantage of the wireless network, you need a laptop with a PCMCI slot for a network card.

There is a one-time installation of appropriate software to run the wireless network card. After the software is installed, the wireless card may be checked out at the library any time you wish to connect. The range of the wireless network will cover the entire library, and even the front steps!

Ask at the Reference desk, or contact Nancy T. Lombardo (801-581-5241, nancyl@lib.med.utah.edu) for instructions or assistance with installing the wireless network card.

The Utah Consumer Health Information Network Project

Liz Workman, Affiliate Librarian
Spencer S. Eccles Health Sciences Library

In May 2000, the Utah Library Association, in collaboration with the Spencer S. Eccles Health Sciences Library, launched UCHIN —The Utah Consumer Health Information Network. UCHIN is an online resource that assists both consumers and information providers in accessing vital information in the consumer health field. The UCHIN home page is currently located at **http://www.ula.org/organization/rt/heart/heart-uchin.htm**

UCHIN addresses the needs of individuals seeking health-related information as well as those of librarians. For consumers, the network provides links to evaluated websites on many topics, in addition to criteria for the critical analysis of web-based health information. Users can also access a large directory of community libraries located throughout Utah. For librarians, UCHIN provides access to core lists, bibliographies, deselection guidelines and other collection development tools, online tutorials, plus materials that enable librarians to conduct workshops on finding health-oriented information on the Internet. Although the UCHIN website is divided into convenient sections for librarians and consumers, the intention of the UCHIN project is to provide information that is meaningful to everyone in the data-seeking process.

The primary mission of UCHIN is to reach those searching for information at the first level of need. Optimally, patients will have knowledge of this service as soon as they have a question regarding a diagnosis. It is the project's goal to partner with libraries and health care providers throughout the state in informing health care consumers about UCHIN. The project also strives to keep librarians up-to-date on available health information resources, and how to effectively manage information. Stay tuned as this new service expands to fill the information needs of health consumers throughout Utah!

Library Greening Efforts

This past year, Spencer S. Eccles Health Sciences Library employees have been meeting and working on simplifying their lives at work and home. In conjunction with this effort, we have explored methods for recycling materials not included in the University of Utah's Total Office Paper recycling program. Recently, the three libraries on campus contracted with South Valley Training Company, Inc. of Sandy, Utah, to pickup bound and unbound journals, textbooks, and cardboard. SVTC works with mentally and physically impaired individuals, offering them job training and work. So not only are we recycling, we are providing work for this special group of people. For more information contact Jeanne Le Ber or Joan Gregory.

Voice Over IP or Free Phone Calls Via the Internet!

Nancy T. Lombardo, Systems Librarian,
Spencer S. Eccles Health Sciences Library

A number of services are cropping up on the Internet that allow users to make free Internet phone calls around the country, and in some cases, around the world.

Dialpad

http://www.dialpad.com/
One particularly useful and simple service is Dialpad. Dialpad allows users to make unlimited long-distance phone calls to anyone in the U.S. via the Internet. There's nothing to download or install, it's all handled through your browser. The unique value of this service is that the recipient of the call need not have a computer. The call comes through their telephone. There can be a slight lag between speaking and hearing, depending on the time of day and Internet traffic. Sign up and give it a try!

Speak Freely
http://www.speakfreely.org/
Speak Freely is a service that enables users to call from computer to computer, anywhere in the world. Both users must have downloaded and installed the software. Tests at the library proved Speak Freely to have the best voice quality and the best "full duplex" capabilities, meaning that both parties could talk at the same time, as is done with a telephone. The software is not completely intuitive, but there is a Quick Start document in the help files that come with the software that provide all the information necessary to make a call.

FireTalk
http://www.firetalk.com/
FireTalk is another computer to computer services that requires download and installation of software. The interface is relatively simple and easy to use. The library tests proved this to be reasonably effective, though the voice quality was not as good as with Speak Freely and callers must talk one at a time.

The library has tried the following services with no success. They may deserve further investigation.
DeltaThree—*http://www.deltathree.com/* (Similar to DialPad)
VisiTalk—*http://www.visitalk.com/* (Similar to FireTalk)

*EBSCO*host

EBSCO*host* accesses 13 databases which index articles from many academic journals and newsstand magazines, providing full-text to many of them. Please visit this core collection of online resources. Its linked from the Eccles Library Full Text Databases page at **http://medlib.med.utah.edu/reference/fulltext.html** A few of the health-related databases are annotated below.

Alt-Health Watch offers access to 50,000 articles from over 160 international, peer-reviewed and professional journals, magazines, reports, proceedings and association and consumer newsletters.

Clinical Reference Systems provides over 7,000 reports, in every-day language, describing symptoms, treatments, risks and after-effects of a vast array of medical topics and conditions.

Comprehensive MEDLINE with FullTEXT with MeSH provides access to the entire Comprehensive MEDLINE file covering 1966 to present. This database also includes full text for nearly 80 biomedical journals dating as far back as 1990.

Health Source Plus provides full text for nearly 270 health periodicals, 1,000 health pamphlets, and 23 health reference books.

USP DI Volume II, Advice for the Patient provides patient-oriented drug information. Monographs are organized by Brand Names, Description, Before Using This Medicine, Proper Use of This Medicine, Precautions, and Side Effects.

Ouch! Journal Title Cancellations

The Spencer S. Eccles Health Sciences Library has made the difficult decision to cut print journal titles in the coming year. Cuts will be effective January 1, 2001. This decision is based on a number of factors:

- No new funding from the Utah State Legislature for the past 3 years
- Yearly subscription inflation figures of 9%
- A dramatic shift in the way scholars access information

A Journals Task Force at the library worked many hours with use data, reviewing title by title, inflationary figures, availability at Marriott Library and other Utah academic libraries, electronic access, circulation figures, interlibrary loan use and resulting cost per use. The total amount cut at the Eccles Library is over $56,000 (93 titles at an average cost of $603.00). The Clinical Library cut $9,000 (30 titles at an average cost of $307.00). See the journal cuts insert included with this newsletter.

The library welcomes your comments: Wayne Peay, Director or Joan Stoddart, Deputy Director at 801-581-8771 or via email at wayne@lib.med.utah.edu or joans@lib.med.utah.edu

Introducing ... Adnan Bilwani

Knowledge Weaver Programmer
Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Adnan Bilwani.

Growing up in the streets of a very congested and urban city like Karachi, Pakistan, Adnan received his schooling at a private institution where he earned his high school diploma through the University of Cambridge secondary education system. Contrary to the popular belief of unchanging lawlessness and conflict, Adnan remembers a very entertaining and enlightening childhood. Although growing up in a middle class family faced with many everyday societal issues such as class differences and regional segregation, his father's passion for travelling gave him ample opportunities for developing and understanding the differences in society and acquiring a more humble outlook towards life.

Although, Adnan had a desire for theater, poetry and math, he felt his abilities were better expressed in the field of sciences. In the fall of 1995, he came to the University of Utah wanting to do his bachelor's in Computer Science. He was accepted into the program in the Fall of 1996 and will be finishing his degree in Fall semester 2000.

Adnan started out at the Spencer S. Eccles Health Sciences Library as a duplication assistant in spring of 1996. While still working for duplication, Adnan got a job as a computer technician at Glendale Middle School in the winter of 1999. A couple of months later; he was also hired to work part-time in the Technical Services department of the Eccles Library as a library technician. In the summer of 1999, Adnan received a three-month internship with 3Com after which he was given the opportunity to work as a full time computer programmer for the Knowledge Weavers at the Eccles Library.

Adnan believes his work with the Knowledge Weavers has greatly enhanced his skills not only as an individual but also as a team worker. He hopes to continue his work with the Knowledge Weavers and hopes to help provide health sciences educators with high quality, web-based multimedia resources that can be used for a variety of educational purposes.

Outside work, Adnan enjoys reading, travelling (especially in the winter) and water sports. He occasionally loves to attend theater and ballet performances and has a weakness for long conversations.

Slice of Life 2001

The fourteenth annual Slice of Life /Computers in Healthcare Education Symposium will be held August 1-4, 2001 in Munich, Germany. The SOL/CHES focuses on multimedia developers and educators.

The 2000 symposium was hosted this past June at the University of Utah Health Sciences Center. Over 250 people, with representation from 16 countries attended this very exciting and well received event. The Spencer S. Eccles Health Sciences Library and the J. Willard Marriott Library hosted the pre-workshop tutorials; the College of Pharmacy provided their auditorium for the keynote address (broadcasted live with Next Generation Internet technology from the National Library of Medicine in Bethesda, Maryland—a five chicken event), presentations and a patio for lunch. In addition, Suzanne Stensaas made sure there were plenty of fun and entertaining social events, and a post-symposium river trip.

Multimedia developers and educators should put August 1-4, 2001 on their calendars and plan to attend next year's SOL/CHES at Munich's Ludwig Maximillians Universitat. Sponsors for the 2001 symposium include:

- GMDS, German Association for Medical Education (GMA)
- Association for Medical Education in Europe (AMEE)
- World Federation of Medical Education (WFME)
- Slice of Life and Knowledge Weavers, University of Utah
- Thomas Jefferson University
- Gold Standard Multimedia

Check out the website at **http://www.slice.gsm.com** for the program of events.

IAIMS Newsletter Deadline and Mailing List

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)
Assistant Editor: Deborah Hile (dhile@lib.med.utah.edu)

The deadline for the Spring 2000 issue of the *IAIMS Newsletter* is Monday, November 27, 2000.

The IAIMS Newsletter is available electronically via the WWW at **http://medlib.med.utah.edu/iaims/iaims.html**

To receive a copy of the electronic version in PDF format, send an email message to: MAISER@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

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The Spencer S. Eccles Health Sciences Library
Fall Semester 2000 Hours

August 21 to December 14	
Monday to Thursday	7:00 A.M.-11:00 P.M.
Friday	7:00 A.M.-8:00 P.M.
Saturday	9:00 A.M.-8:00 P.M.
Sunday	11:00 A.M.- 11:00 P.M.
Special Hours	
Labor Day—Monday, September 4	7:00 A.M.-11:00 P.M.
Thanksgiving Recess	
Wednesday, November 22	7:00 A.M.-8:00 P.M.
Thursday, November 23	Closed
Friday, November 24	8:00 A.M.-5:00 P.M
Extended Hours	
Saturday, December 9	7:00 A.M.-11:00 P.M.
Sunday, December 10	9:00 A.M.-11:00 P.M.
December 15 to January 1	
Monday to Friday	8:00 A.M.-5:00 P.M.
Saturday	9:00 A.M.-6:00 P.M.
Sunday	Closed
Christmas Day—December 25	Closed
New Year's Day—January 1	Closed

Regular Spring Semester Hours Resume January 2

Phone Numbers

Acquisitions	801-587-9247
Administration	801-581-8771
Hours	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4686
Computer & Media	801-581-8052
Gifts to Library	801-581-5266
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Outreach Services	801-585-5743
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

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IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Spring 2001 *Volume 16 InfoFair 2001 Supplement*

I n f o F a i r 2 0 0 1

Thursday, March 22, 2001

Genome Research in Healthcare Cracking the Code

presented by
The University of Utah Spencer S. Eccles Health Sciences Library

sponsored by
The University of Utah Health Sciences Center

InfoFair is an annual event at the University of Utah Health Sciences Center with the goal of providing up-to-date information on computer applications, resources and services as well as a glimpse into the future of computers and computing in the health sciences.

The theme of InfoFair 2001 is **Genome Research in Healthcare: Cracking the Code**. The Clifford C. Snyder, M.D. and Mary Snyder Lecturer is Daniel R. Masys, M.D., Director of Biomedical Informatics, University of California, San Diego.

A panel discussion follows Dr. Masys' lecture. Panelists join Dr. Masys in discussing issues related to genomics and the delivery of healthcare. Panel participants are Lisa Cannon Albright, Ph.D., Bernie A. LaSalle, B.S., and James E. Metherall, Ph.D., with moderator Wayne J.Peay, M.S. Questions and input from the audience is encouraged.

Eugenia Posey-Marcos, Ph.D., Staff Scientist with the National Center for Biotechnology Information (NCBI) will provide an overview of the molecular database resources available from NCBI during an afternoon session to be held in the Genetics Auditorium.

InfoFair 2001 concludes with a demonstration of wireless technologies and a panel discussion of issues related to wireless computing. Library staff will be available to answer questions about access to Eccles Library's wireless network and databases such as PubMed MEDLINE, the Cochrane Library, MD Consult and Stat!Ref at the Electronic Resources Fair. Meet informally with staff in the Reference area on the main level of the Spencer S. Eccles Health Sciences Library from noon to 1:00 P.M..

Plan to visit the InfoFair 2001 Web Gallery via the InfoFair 2001 website at **http://medlib.med.utah.edu/infofair/infofair2001/gallery.html** Links highlight molecular and genetic information resources, ethical issues related to gene therapy and wireless technology.

The Clifford C. Snyder, M.D. and Mary Snyder Lectureship

Dr. Clifford C. Snyder, Professor of Surgery, founded the Division of Plastic and Reconstructive Surgery at the University of Utah School of Medicine in 1967 and served as chair of that division until 1985 when he was appointed Professor Emeritus of Surgery and Associate Dean of the School of Medicine. Throughout his career, Dr. Snyder has been an ardent supporter of the library. Dr. Snyder's endowment of The Clifford C. Snyder, M.D. and Mary Snyder Lectureship provides funding for the featured presentation at InfoFair.

InfoFair 2001 Program

The Clifford C. Snyder, M.D. and Mary Snyder Lecture and Panel Discussion

Location: George and Dolores Eccles Institute of Human Genetics Auditorium

9:30 A.M.-10:30 A.M. **Introduction**
Wayne J. Peay, M.S.

Information Science for Genome-Enabled Research and Healthcare
Daniel R. Masys, M.D., F.A.C.P.

10:30 A.M.-11:00 A.M. **Refreshments**

11:00 A.M.-Noon **Meet the Experts panel discussion**
Moderator: *Wayne J. Peay, M.S.*
Panelists: *Daniel R. Masys, M.D., F.A.C.P.*
Lisa Cannon Albright, Ph.D.
Bernie LaSalle, B.S.
James E. Metherall, Ph.D.

Location: Spencer S. Eccles Health Sciences Library, Reference Area—Main Level

Noon-1:00 P.M. **Electronic Resources Fair: Responding to Your Needs**

Afternoon Presentations

Location: George and Dolores Eccles Institute of Human Genetics Auditorium

1:00 P.M.-2:15 P.M. **Molecular Database Resources at the National Center for Biotechnology Information**
Eugenia Posey-Marcos, Ph.D.

Location: Spencer S. Eccles Health Sciences Library, History of Medicine Room—Upper Level

2:15 P.M.-2:30 P.M. **Break**

Location: Spencer S. Eccles Health Sciences Library, History of Medicine Room—Upper Level

2:30 P.M.-4:00 P.M. **Wireless Network demonstration and panel discussion**
Moderator: *Nancy T. Lombardo, M.L.S.*
Panelists: *Frederick S. Albright, Ph.D.*
Mark Beekhuizen
John A. Harris
Chris Hessing
Dave Hoisve
Jonzy

Web Gallery
The Web Gallery is linked via the InfoFair 2001 website:
http://medlib.med.utah.edu/infofair/infofair2001/gallery.html

The Clifford C. Snyder, M.D. and Mary Snyder Lecture Abstract

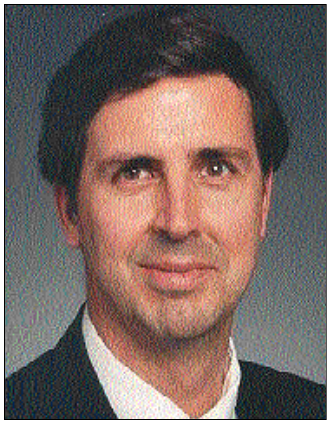
Information Science for Genome-Enabled Research and Healthcare

The acquisition of the complete human genome forms the foundation of 21st Century health science and healthcare, for it provides a reference to begin to understand the blueprint of health and disease at a molecular level. Microarray-based laboratory technologies offer the prospect of simultaneously measuring the expression levels of tens of thousands of genes simultaneously. Detecting patterns within these oceans of data and correlating gene expression patterns with clinical events is a major challenge for biologists, statisticians, and informatics professionals.

This talk will review recent trends and challenges in the field of functional genomics2 and discuss the impact that computer and information technology will have on the coming era of molecular medicine.

The Clifford C. Snyder, M.D. and Mary Snyder Lecturer

Daniel R. Masys, M.D., F.A.C.P.



Director, Biomedical Informatics, University of California, San Diego School of Medicine

Dr. Masys is currently the Director of Biomedical Informatics at the University of California, San Diego School of Medicine and Associate Clinical Professor of Medicine. An honors graduate of Princeton University and the Ohio State University College of Medicine, he completed postgraduate training in Internal Medicine, Hematology and Medical Oncology at the University of California, San Diego, and the Naval Regional Medical Center, San Diego. He served as Chief of the International Cancer Research Data Bank of the National Cancer Institute, National Institutes of Health, and from 1986 through 1994 was Director of the Lister Hill National Center for Biomedical Communications, which is the computer research and development division of the National Library of Medicine. He also served as the NIH representative to the federal High Performance Computing, Communications, and Information Technology committee which advised the President's Office of Science and Technology Policy in the area of advanced computing and National Information Infrastructure.

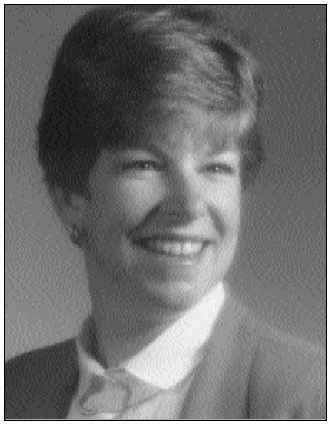
InfoFair Presenters and Panelists

Frederick S. Albright, Ph.D.

Administrator for Computer Information Systems and Research Assistant Professor, College of Pharmacy, University of Utah

Derick Albright is a member of the Jornada Focus Group in the College of Pharmacy. This group was created by Dean John Mauger to bring handheld computer technology into pharmacy practice education and the Pharm.D. program. This focus group is developing projects to assess the impact of using handheld computers in the classroom and during student clinical rotations. The group is also developing handheld computer research projects for education and the clinical practice of pharmacy. Derick's group focuses on the HP Jornada handhelds (680 and 720) running the WindowsCE OS as the system of choice. Derick also served as adjunct faculty for the Department of Computer Information Systems, College of Business, Idaho State University to teach courses in computer language, management information systems and computer literacy. He obtained his M.S. and Ph.D. in Medical Informatics at the University of Utah.

Lisa Cannon Albright, Ph.D.



Professor, Department of Medical Informatics, Division of Genetic Epidemiology, University of Utah School of Medicine

Dr. Albright has been at the University of Utah since 1988. She is a Professor in the Department of Medical Informatics, Division of Genetic Epidemiology. She founded the Genetic Research group at LDS Hospital in 1995, and has served as its Director since its inception.

Dr. Albright is a genetic epidemiologist involved in family studies for common diseases that have an inherited component. She was involved in the studies that identified the first melanoma gene, the first two breast cancer genes, and the first prostate cancer gene.

Dr. Albright's studies have a similar goal: to identify and understand predisposition genes for common disorders. Her research group accomplishes this through the study of extended Utah high-risk pedigrees. She currently directs studies of prostate cancer, colon cancer, aneurysm, and depression sponsored by the National Institutes of Health as well as private industry.

Mark Beekhuizen

Director of Network Operations, Health Sciences Center, University of Utah

Mark Beekhuizen has worked for University Hospital since 1994. He has managed the HSC network operations since mid 1995. Mark came to the University of Utah from TRW Defense Systems in Washington D.C. where he managed corporate and customer networks. He has been working as a technical support person in the computer field since 1979.

John A. Harris

Information Systems Manager, College of Nursing, University of Utah

John Harris started at the College of Nursing in 1995 as the Network Administrator for their Informatics program. In 1996, he became the IS Manager for the College of Nursing, inheriting a network with two small Netware 3.12 servers, and approximately 150 nodes with 200 users. By 2001, his operation has grown to nine servers using Netware, Solaris and NT which deliver everything from file and print services to Web services to Oracle database services. These servers now service over 300 nodes with 700 users. John enjoys working at the University because of the endless opportunities to learn the latest technologies, and looks forward to participating in the developing the wireless infrastructure.

Chris Hessing

Lead Network Specialist, J Willard Marriott Library, University of Utah

Chris Hessing is the Lead Network Specialist for the University of Utah J. Willard Marriott Library. He is responsible for the operation of the data networks within the library; this includes Ethernet, ATM, and Wireless. He also wrote the software for the authentication method for wireless that is currently being reviewed for implementation on campus.

Dave Hoisve

Head of Microcomputing, J. Willard Marriott Library, University of Utah

Dave Hoisve heads Microcomputing at the J. Willard Marriott Library. His responsibilities include technical leadership of over 1,000 staff, library and student lab computing systems. Dave is also extensively involved in campus computing activities and currently heads the campus IT Managers Committee.

Jonzy

Institutional Security Office, University of Utah

Jonzy is a member of the University of Utah Institutional Security Office (ISO). The ISO provides guidelines and consultation to help minimize computer security vulnerabilities and incidents within the University of Utah computational environment. The ISO constantly conducts audits and probes of machines on campus to minimize the risk of intrusion, evaluates security problems detected after incidence of intrusion, and provides guidelines and information to System Administrators for securing their networks and workstations.

Bernie A. LaSalle, B.S.

Informatics Core Director, Huntsman General Clinical Research Center, University of Utah

Bernie LaSalle has been a staff member of the School of Medicine since 1977. He joined the General Clinical Research Center (GCRC) in 1986. He is the chairperson of the national GCRC BioInformatics Conference. His primary interest is the support of clinical research by developing and promoting informatics, medical informatics and bioinformatics resources within the Health Sciences Center.

Nancy T. Lombardo, M.L.S.

Systems Librarian, Spencer S. Eccles Health Sciences Library, University of Utah

Nancy Lombardo received her Masters of Library Science from Emporia State University in August 1994 and accepted a position at the Eccles Library in October 1994. Nancy is the co-principal investigator for a Higher Education Technology Initiative Grant that led to the development of the virtual course Internet Navigator. As the Systems Librarian, Nancy works with the library's technical staff to coordinate, maintain and improve the library's technological capabilities. In addition, Nancy teaches a variety of Internet classes and works with library faculty and staff on projects to enhance Eccles Library services through appropriate use of technology.

James E. Metherall, Ph.D.

Associate Professor, Department of Human Genetics, University of Utah

James Metherall is an Associate Professor in the Department of Human Genetics at the University of Utah. Dr. Metherall's lab studies the cellular and molecular processes that control cholesterol metabolism and how these processes relate to coronary heart disease and other diseases of cholesterol metabolism. His work uses a wide range of approaches including biochemical and metabolic assays, human genetics, somatic cell genetics, and mammalian expression cloning.

Wayne J. Peay, M.S.

Director, Spencer S. Eccles Health Sciences Library, University of Utah

Wayne Peay received an M.S. degree with honors from the School of Library Service of Columbia University in 1977. While attending library school, he was the Assistant Director of

the Data Processing Department at the Medical Library Center of New York. Following his graduation, he returned to the University of Utah as Head of Media Services at the Eccles Health Sciences Library. In 1984, he was appointed Director.

Eugenia Posey-Marcos, Ph.D

Staff Scientist, National Center for Biotechnology Information, National Library of Medicine

Eugenia Posey-Marcos recently joined the National Library of Medicine's National Center for Biotechnology Information (NCBI) in the capacity of staff scientist for NCBI User Services. Dr. Posey-Marcos received her Ph.D. in biomedical research with a concentration in biochemistry and molecular biology from East Tennessee State University in 1998. Her dissertation work involved studying the dynamics of long interspersed repetitive DNA. Postdoctoral research included work in mouse targeting vectors and the genetics involved in lipid metabolism in the Department of Nutrition, School of Public Health, University of North Carolina in Chapel Hill. Prior to coming to NCBI, she was an IRTA post-doctoral fellow at the National Eye Institute (NIH), studying apoptosis as it relates to macular degeneration in the Laboratory of Retinal Cell and Molecular Biology. Dr. Posey-Marcos' work at NCBI involves user services, including training users in NCBI resources. Her hobbies include music: she has a B.M. and M.M. in music from Wesleyan College (1976) and the University of Hartford (1981), respectively.

InfoFair 2001 Abstracts

Meet the Experts panel discussion

Local panelists will join Dr. Masys in discussing the issues related to genome-enabled research and healthcare. Audience participation and questions are encouraged. The panel moderator is Wayne J. Peay, M.S. Panelists are Lisa Cannon Albright, Ph.D., Bernie LaSalle, B.S., and James E. Metherall, Ph.D.

Molecular Database Resources at the National Center for Biotechnology Information

Molecular sequence information is increasingly an important part of all biological research. Facility with public sequence databases and search tools is therefore essential to all life science researchers. The largest public repository of biological sequence information is maintained by the National Center for Biotechnology Information (NCBI) at the National Library of Medicine. Dr. Posey-Marcos' talk describes database resources and tools available through the World Wide Web interface to the NCBI. The primary nucleic acid sequence database is GenBank, an archival collection of over 10 million DNA sequences from over 70,000 organisms. Dr. Posey-Marcos will describe the nature, content and scope of GenBank and other important NCBI databases. The primary Web access to these data is through the Entrez database and text search system, which allows integrated access to GenBank and other nucleic acid sequence and protein databases as well as literature (PubMed), genome and structure data available at the NCBI. Dr. Posey-Marcos will demonstrate Entrez text search strategies for finding sequence records and the power of neighboring and linking to find related information. Despite the power of the Entrez search system, sequence similarity searching is the most useful way of approaching sequence databases. The sequence similarity search engine BLAST provides fast and sensitive access to all sequence data at the NCBI and is linked to the Entrez system for access to related data. Dr. Posey-Marcos will provide essential information on using the various forms of BLAST available on the Web including PSI-BLAST, PHI-BLAST and RPS-BLAST (CDD-Search). In the past few years, sequences of complete genomes including numerous microbes, C. elegans and Drosophila have become available. The NCBI provides access to annotated integrated genomic maps and assembled sequence for complete genomes. The NCBI is also a primary site for assembly and annotation of the Human Genome Project data, and NCBI has recently released an assembly of the draft human genome. Dr. Posey-Marcos will demonstrate some of the specialized genomic resources, assembled sequences, maps and tools and explain how to access data from the draft human genome.

Wireless Network demonstration and panel discussion

Wireless networking is an emerging technology on the University of Utah campus and has enormous potential for convenient and ubiquitous computing. However, there are a number of significant implementation challenges to overcome before a seamless wireless network providing secure and uninterrupted service becomes a reality on campus. A demonstration of wireless computing will be presented. The panel members will discuss:

- security issues
- outline specific implementation plans
- and the challenges involved in moving to a wireless environment.

Electronic Resources Fair: Responding to Your Needs

Library staff will be available to answer your questions about access to Eccles Library's wireless network, and databases such as PubMed MEDLINE, the Cochrane Library, MD Consult and Stat!Ref. This is your opportunity to view the latest electronic journals and molecular biology tools and resources. Visit the Electronic Resources Fair between noon and 1:00 P.M on the library's main floor and explore the array of electronic resources and services available from **http://medlib.med.utah.edu/**
The pod door is open, come on in!

Web Gallery

The Web Gallery is a unique way of introducing creative and informative Web resources for a variety of disciplines. This year, molecular and genetic information resources will be highlighted on the InfoFair website. Search systems and key databases from the National Center for Biotechnology Information (NCBI) will also be featured. Links to sites exploring ethical issues and wireless technology will be provided. Visit the Web Gallery at **http://medlib.med.utah.edu/infofair/infofair2001/gallery.html**

Directions and Parking

The Spencer S. Eccles Health Sciences Library is located on the University of Utah Health Sciences Center Campus just south of the University Hospital/School of Medicine building and northeast of the College of Nursing. The George and Dolores Eccles Institute of Human Genetics is located southeast of the Eccles Library. Signs on Wasatch Drive and North Medical Drive mark the route to the Spencer S. Eccles Health Sciences Library. A brochure on *Transportation to Eccles Library* is available by contacting the Reference Desk 801-581-5534 or via the Web at: **http://medlib.med.utah.edu/pubs/transport.html**

Visitor parking is available directly south of the Eccles Library. The lot is regulated by a ticket and the fee is $1 per hour to a maximum fee of $5 per day. Parking passes ($3.00 per day) are available from the Parking Services Office located on the west side of Wasatch Drive, or from the Hospital cashier located in the lobby at the hospital entrance (801-581-2100). This parking pass allows parking in any A, U or E parking lot. Come early as parking spaces fill up quickly!

For a parking brochure or further information about parking at the University of Utah, contact Parking Services at 801-581-6415. Parking Service office hours are: 7:30 A.M.-5:00 P.M. Monday through Friday.

The University Department of Parking and Transportation Services provides free shuttles across campus from 6:00 A.M. to 6:00 P.M. Monday through Friday. Contact Shuttle Customer Service 801-581-4189 for details.

The Utah Transit Authority (UTA) serves the University of Utah with 21 direct routes including two express routes from Weber and Utah counties. Call UTA at 801-287-4636 for details and schedule information.

Special Assistance Provided by:

The Staff and Education Team of the
Spencer S. Eccles Health Sciences Library
The George & Dolores Eccles Institute of Human Genetics
The University of Utah School of Medicine
Office of Continuing Medical Education
The University of Utah Health Sciences Center
Office of Public Affairs
The Utah Medical Association

InfoFair 2001 Coordinator

Jeanne Le Ber, M.L.I.S.
Associate Librarian, Education Services, Spencer S. Eccles Health Sciences Library, University of Utah
Jeanne Le Ber is responsible for coordinating the formal education efforts of the Eccles Library in a team environment. She works with faculty from the School of Medicine and Colleges of Health, Nursing and Pharmacy to identify, schedule and teach information literacy classes, with an emphasis on using electronic resources. She is the editor of the *IAIMS Newsletter*, and coordinates the monthly Library and Information Technology Forums.

Program Committee

Deborah E. Hile, M.L.S.
Jeanne Le Ber, M.L.I.S.
Nancy T. Lombardo, M.L.S.
Daniel R. Masys, M.D., F.A.C.P.
Wayne J. Peay, M.S.
Joan M. Stoddart, M.L.A.S.

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Mary McFarland and Mary Youngkin,
Electronic Resources Fair Coordinators
Wayne J. Peay, The Clifford C. Snyder, M.D. and Mary Snyder Lectureship Coordinator

Eccles Electronic Resources

The Spencer S. Eccles Health Sciences Library website provides numerous links to electronic resources. During InfoFair 2001, staff from the Eccles Library will be available to answer questions about how to access the library's wireless network and how to access electronic resources from off-site. Join library staff at the Electronic Resources Fair from noon until 1:00 P.M. in the Reference area on the Main Level. Some links of interest:

Cochrane Library
http://www.updateusa.com/clibip/clib.htm
The Cochrane Library is a source of reliable evidence in health care decision making.

Electronic Journals
http://medlib.med.utah.edu/database/ejournal.html
This link provides a list of full-text electronic journals available to the University of Utah community.

Harrison's Online
http://www.harrisonsonline.com
Harrison's Principles of Internal Medicine is available online from any University of Utah computer or via the proxy server. Click on the subscriber login button to start your search.

MD Consult
http://home.mdconsult.com/groups/eccles1146.html
MD Consult provides access to over 30 renowned medical texts, articles from more than 40 clinical journals, practice guidelines, drug information, 2,500 patient education handouts, CME, and daily medical updates customized to your specialty.

PubMed
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi
PubMed provides free access to MEDLINE, a database of more than 11 million bibliographic citations and abstracts in the fields of medicine, nursing, dentistry, veterinary medicine, healthcare systems, and preclinical sciences. PubMed also contains links to the full-text versions of articles at participating publishers' websites.

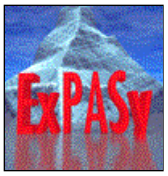
STAT!REF
http://EcclesNT.med.utah.edu/statref/tserver.dll
STAT!REF provides access to 31 electronic medical and pharmaceutical textbooks.

WebPAC
http://medlib.med.utah.edu/webpac-bin/wgbroker?new+-access+top.eccles
Provides access to the Eccles Library catalog over the Web. WebPAC users can search for materials owned by the Eccles Library or member libraries of the Utah Health Sciences Libraries Consortium by keyword, or alphabetically by title, journal title, author, subject and series. Links are provided to Eccles Library electronic journal subscriptions; access to electronic journals requires a University of Utah IP address.

Research Tools for Molecular Biology, Genetics and Biochemistry

The following are creative and informative information resources available via the World Wide Web. Molecular and genetic tools are highlighted. For additional links, please visit the InfoFair 2001 Web Gallery at: **http://medstat.med.utah.edu/infofair/infofair2001/gallery.html**

ExPASY (Expert Protein Analysis System)
http://expasy.cbr.nrc.ca
The ExPASy (Expert Protein Analysis System), proteomics server of the Swiss Institute of Bioinformatics (SIB), is dedicated to the analysis of protein sequences and structures as well as 2-D PAGE. This site boasts a well organized collection of 100+ helpful Web links.



Human Genome Project Information
http://www.ornl.gov/hgmis

Funded by the U.S. Department of Energy, this site is designed to answer questions concerning the history and the goals of the Human Genome Project. Informative about the research in progress, the funding, a portal for information on medical as well as ethical aspects, educational resources and more.

Mouse Genome Informatics at the Jackson Laboratory
http://www.informatics.jax.org
This link is an example of a research institute with an outstanding Web page, where you get an idea of the research in progress and the services provided. Concentrating on mouse research, the Jackson Laboratory not only provides a Mouse Genome Database (MGD, updated daily) and a Gene Expression Database (GXD), but also places the information in a biological context. You can also view homologies between mouse and human at the whole genome level.

National Center for Biotechnology Information (NCBI)
http://www.ncbi.nlm.nih.gov
Established in 1988 as a national resource for molecular biology information, NCBI creates public databases, conducts research in computational biology, develops software tools for analyzing genome data, and disseminates biomedical information - all for the better understanding of molecular processes affecting human health and disease. The Site Map page explains all of the NCBI resources.

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InfoFair 2001

Genome Research in Healthcare Cracking the Code

Thursday, March 22, 2001

Phone Numbers

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Internet: jeannele@lib.med.utah.edu
URL: http://medstat.med.utah.edu/

IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Summer 2001 *Volume 16 Number 3*

Regional Medical Library at the University of Utah

National Network of Libraries of Medicine
Midcontinental Region

On May 1, 2001, the National Library of Medicine announced the award of a five-year contract to the Spencer S. Eccles Health Sciences Library to be the Regional Medical Library for the Midcontinental Region of the National Network of Library of Medicine. This is one of eight awards made by the National Library of Medicine.

The Midcontinental Region includes Utah, Wyoming, Kansas, Nebraska and Missouri. The goal of the National Network of Libraries of Medicine is enhanced access to health information for health professionals, patients, students, researchers and the general public through high quality library services. The contract for the Midcontinental Region emphasizes outreach programs in the six state region.

In addition, the contract targets special projects for Consumer Health, Education, Assessment/Evaluation, Inner City Services, Public Health and Technology. The foundation of this ambitious program will be a distributed service model, based on collaboration between the academic health sciences libraries in the Midcontinental Region. This distributed model will employ advanced computing and network technologies to both administer the program and to provide services.

Ejournal News

The Spencer S. Eccles Health Sciences Library has added hundreds of new electronic journal titles to its collection since January 1, 2001. Below is a brief sampling:

- **Annual Reviews** includes 29 titles in 3 suites: Biomedical, Physical, and Social Sciences. UALC sponsored.
  http://www.annualreviews.org/
- **BioOne** is "... a collaboration among scientific societies, libraries, academe, and the commercial sector." Titles include: *Cell Stress and Chaperones*, I*n Vitro Animal Cellular and Developmental Biology*, *Parasitology*, *Radiation Research*, and many more. Strong emphasis is placed on the natural sciences. Marriott Library sponsored.
  http://www.bioone.org/bioone/?request=get-current-issue
- **IEEE/IEE Electronic Library (IEL)** is now available to the University of Utah community. IEEE Xplore offers "full-text access to IEEE transactions, journals, magazines and conference proceedings published since 1988 and all current IEEE standards." Marriott Library sponsored.
  http://ieeexplore.ieee.org/lpdocs/epic03/
- ***Journal of Cell Science*** - *http://usa.biologists.com/JCS/*
- ***Journal of Neuroscience*** - *http://www.jneurosci.org/*
- **Trends** is sponsored by the Howard Hughes Medical Institute at the University of Utah.
  - ***Trends in Biochemical Sciences***
    http://journals.bmn.com/journals/list/latest?jcode=tibs
  - ***Trends in Cell Biology***
    http://journals.bmn.com/journals/list/latest?jcode=tcb
  - ***Trends in Genetics***
    http://journals.bmn.com/journals/list/latest?jcode=tig
  - ***Trends in Neurosciences***
    http://journals.bmn.com/journals/list/latest?jcode=tins

(continued on page 7)

In This Issue

Regional Medical Library at the University of Utah 1
Ejournal News 1, 7
Introducing ... Nicola Gaedeke 2
Want to Do Legal Research? 2
Library Workshops and Classes & Education Services . . 3
Color Printing Available & Personnel Changes 3
From Gene to Function with the Help of Molecular Databases 4
The 24 Languages Project 5
MEDLINE*plus* News From NLM 5
Report: InfoFair 2001 5-6
Wireless Network Available at Eccles Library 6
Coming Soon! Newly Designed Web Page 6
Introducing ... John C. Tueller Bramble 7
Electronic Books Available Through netLibrary 7
IAIMS Newsletter Deadline & Mailing Lists 7
Summer Library Hours and Phone Numbers 8

Introducing ... Nicola Gaedeke

Adjunct Assistant Reference Librarian
Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Nicola Gaedeke.

Nicola Gaedeke joined the Spencer S. Eccles Health Sciences Library as Adjunct Assistant Librarian in February, 2001. Her expertise in molecular and biological studies has been a valuable asset to the library and to the University of Utah community. Nicola has developed and taught a class related to the effective and efficient searching of SciFinder. In addition, she prepared library staff for this year's InfoFair by giving a basic Genetics 101 overview.

Nicola was born in Hamburg, Germany, where she finished high school and a two year training program as a medical technician. She studied Biology at the University of Goettingen, Germany and spent a year at the National Cancer Institute, at the National Institutes of Health in Bethesda Maryland. At the NCI, Nicola studied for her master's thesis; her work was supported by a fellowship from the German Academic Exchange Program (DAAD). Later, she received a Ph.D. in molecular biology from the Max-Planck-Institute of Molecular Plant Physiology in Golm, Germany, where she worked as a postdoc.

Nicola moved from Berlin, Germany to Salt Lake City, Utah in July 2000 to join her husband. Her husband, Jens, is a postdoc in the Fibrosis Research Laboratory of the Department of Nephrology at the University of Utah.

Lacking a work permit, Nicola started as a volunteer in November 2000 at the Eccles Library in order to pursue her interest in "bio-scientific information management" and information retrieval for Life-Sciences.

Finally employed at Eccles Library, Nicola would like to stay in a scientific environment and thinks that she found a great place to develop new skills other than basic science. At Eccles Library she would like to promote the efficient use of the molecular biology sources available (see her molecular-biology Web page at **http://medlib.med.utah.edu/reference/molbiol.html**) and help with studies concerning DNA and protein analysis. Moreover she enjoys writing WebScans (e.g. for HMS Beagle).

Apart from traveling, her main interest are biotechnology, reading, birds and horses, music and outdoor activities like hiking, biking or skiing. However, this summer she will earn her "Mom Degree." (Nicola and Jens are expecting a baby girl in early June.) Nicola will take maternity leave and rejoin the Eccles Library in September in the role of a working mom.

Want to Do Legal Research?

Reference Librarian,
Spencer S. Eccles Health Sciences Library

Are you interested in dabbling in some do-it-yourself legal research? A great place to start is via the University of Utah's S.J. Quinney Law Library Web page at **http://www.law.utah.edu/Library** From there, you can search the library's catalog, use the links that take you to free and fee-based databases, download or print PDF files on how to do legal research, and even email your legal research queries to one of the reference librarians.

One of the pluses of the Quinney Law Library's website is the easy to read and easy to use "Legal Research Links" page that helps users navigate around the website by breaking down areas of legal research by jurisdiction and source. Users can find primary sources of law on the federal and state levels, Utah specific and local government levels, and to foreign and international law levels. Links to secondary sources of law, Bar associations, law librarian organizations, and attorney directories are also found here.

In order to access some of the more powerful databases, such as LEXIS-NEXIS Academic Universe, users must be on a computer that is on the University of Utah's network. Remote access is available to University students, staff and faculty and is fairly easy to set up on your off-campus computer. Information on how to do this can be found by visiting **http://www.lib.utah.edu/helpdesk/** or by calling the Computing Help Desk at 585-HELP.

Access to the Quinney Law Library's CD collection, such a *Utah Law on Disk* or *Utah Reporter*, is site restricted and users can only access them by using computers at the library or at the College of Law computer labs.

One thing I learned while working at the reference desk at the Quinney Law Library is doing legal research electronically is usually the most efficient way to start, especially if you are researching case law (e.g. Smith vs Jones) and secondary sources of law (e.g. law reviews). But if your research is to be exhaustive, it is not a substitute for using and getting into a good set of books.

Library Workshops and Classes

Classes with a fee (indicated by an asterisk) require pre-payment.

Tours and Orientations
To schedule call 801-581-5534

Searching MEDLINE on PubMed	Small PC Lab
Monday, June 4, 2001	2:00 P.M.-3:30 P.M.
Wednesday, June 27, 2001	3:00 P.M.-4:30 P.M.
Friday, July 13, 2001	10:00 A.M.-11:30 A.M.
Monday, July 16, 2001	1:00 P.M.-2:30 P.M.

***Advanced PubMed MEDLINE**
Contact instructor to arrange a date and time; Mary Youngkin, 801-581-5534 or email at maryy@lib.med.utah.edu

Bibliographic Management

***EndNote* (version 4)**	Small PC Lab
Friday, July 6, 2001	2:00 P.M.-4:00 P.M.
Friday, July 13, 2001	2:00 P.M.-4:00 P.M.
***Reference Manager* (version 9)**	Small PC Lab

Contact instructor to arrange a date and time; Jeanne Le Ber, 801-585-6744 or email at jeannele@lib.med.utah.edu

Business Sources on the Web
Contact instructor to arrange a date and time; Liz Workman, 801-581-4686 or email at lworkman@lib.med.utah.edu

Consumer Health with EBSCOhost	Small PC Lab
Tuesday, July 10, 2001	9:00 A.M.-10:30 A.M.
Exploring LEXIS-NEXIS	Small PC Lab
Wednesday, June 20, 2001	10:00 A.M.-Noon
Friday, June 22, 2001	3:00 P.M.-4:00 P.M.
Tuesday, July 10, 2001	3:00 P.M.-4:00 P.M.
Full Text Databases	Small PC Lab
Wednesday, July 18, 2001	10:00 A.M.-11:30 A.M.
***Beginning HTML**	Small PC Lab
Tuesday, June 19, 2001	1:30 P.M.-4:00 P.M.
***Intermediate HTML**	Small PC Lab
Thursday, June 21, 2001	1:30 P.M.-4:00 P.M.
Presentations Using *PowerPoint*	Small PC Lab
Friday, June 29, 2001	10:00 A.M.-Noon
Monday, July 9, 2001	2:00 P.M.-4:00 P.M.
Wednesday, July 18, 2001	2:00 P.M.-4:00 P.M.
Advanced *PowerPoint* Techniques	Small PC Lab
Monday, July 9, 2001	10:00 A.M.-Noon
Friday, July 20, 2001	2:00 P.M.-4:00 P.M.
Friday, July 27, 2001	2:00 P.M.-4:00 P.M.
Scanning with *Adobe Photoshop*	Small PC Lab
Wednesday, July 11, 2001	2:00 P.M.-4:00 P.M.
Wednesday, July 25, 2001	2:00 P.M.-4:00 P.M.
SciFinder	Small PC Lab
Monday, July 16, 2001	9:00 A.M.-10:30 A.M.

Specialized Databases for the Health Professional
Contact instructor to arrange a date and time; Liz Workman, 801-581-4686 or email at lworkman@lib.med.utah.edu

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. For more information, class descriptions, instructor phone number, email address, and registration form, see the Eccles Library Web page at **http://medlib.med.utah.edu/education/workshop.html**—or, please call 801-581-5534 or 801-585-6744.

Color Printing Available

Color printing from computer workstations is now available at the Spencer S. Eccles Health Sciences Library. The printer is located in the public service area between the Circulation and Reference departments on the main level. Payment options available for color printing include cash, copy card, and UCard. The cost is 80 cents per copy. For more information contact Niloofar Bakhti at 801-581-5258 or niloofar@lib.med.utah.edu.

Personnel Changes

John Bramble, accepted a position as Reference Librarian; he started April 15, 2001.

Nicola Gaedeke, -Adjunct Assistant Librarian, is on maternity leave from May 21 to September 30.

Deborah Hile, Acquisitions Librarian, has left the Eccles Library for exciting opportunities in Michigan.

Library Education Services

University of Utah faculty who would like to incorporate the use of online databases and electronic resources into their class assignments can contact the Spencer S. Eccles Health Sciences Library's Education Services department. Our specific focus is health sciences resources. Library faculty provide instruction in the use of the catalog, databases (AGELINE, CINAHL, MEDLINE, SciFinder, SportDiscus, etc.), online resources (electronic journals and textbooks, and websites) software programs (presentation software such as *PowerPoint*, bibliographic management software such as *EndNote*), HTML basics, scanning with *Adobe Photoshop* and much more.

Please contact Jeanne Le Ber at 801-585-6744 or jeannele@lib.med.utah.edu for more information or to arrange for instruction opportunities.

From Gene to Function with the Help of Molecular Databases

Nicola Gaedeke, Adjunct Assistant Librarian, Spencer S. Eccles Health Sciences Library

Due to the rapid development of molecular biology techniques, biological research has undergone profound changes over the past years. Not long ago, the isolation and sequencing of a string of DNA was labor-intensive and took up to a few months for a single scientist. Today, sequencing as well as gene and protein analysis are almost fully automated and performed on a high throughput basis, generating large sets of biological data. The increase of data leads to a growing number of databases, which are reviewed each year in January in the database issue of *Nucleic Acids Research* **(http://nar.oupjournals.org)**. However, since many journals have declined to publish nucleic acid sequence data only, the scientists depend on an integrated access to bibliographic (e.g., PubMed: **http://www.ncbi.nlm.nih.gov/PubMed/**) as well as biological databases (e.g., GenBank: **http://www.ncbi.nlm.nih.gov/**).

If, for example, a researcher has identified and sequenced a gene of interest, databases can provide tremendous help with the post-sequencing analysis of gene function. Databases like GenBank, the Expressed Sequence Tags (EST Database: **http://www.ncbi.nlm.nih.gov/dbEST/index.html)** or UniGene **(http://www.ncbi.nlm.nih.gov/UniGene/index.html)**, to name only a few, allow the identification of homologous genes that might be better characterized, show the chromosomal localization of genes, and help with the detection of gene polymorphisms. Using databases, the exon-intron structure of the gene of interest is easily deduced, and alternative splicing investigated by a comparison of the cDNA sequence with the genomic DNA sequence. Gene regulatory elements can be determined using transcription factor or promoter databases such as the Transcription Regulatory Region Database (TRRD: **http://wwwmgs.bionet.nsc.ru/mgs/dbases/trrd4/** and the EPD Eukaryotic Promoter Database: **http://www.epd.isb-sib.ch/**). All these questions were formerly investigated by experiments performed at the bench.

For the identification of the protein coding regions, freely available software located on molecular biology servers is used to translate the DNA into amino acid sequences, as for example the Sequence Manipulation Suite **(http://www.ualberta.ca/~stothard/javascript).** Homologous proteins and functional protein domains can then be detected in databases like SWISS-PROT **(http://ca.expasy.org/sprot/)** and PROSITE **(http://ca.expasy.org/prosite/)**, and provide clues about the function of the protein. Thus, a few mouse clicks can greatly simplify the design of further experiments. If the database contains no proteins of similar sequence, an analysis of the three-dimensional structure might help (e.g., by using SWISS-3DIMAGE: **http://ca.expasy.org/sw3d/**). A protein with a completely different amino acid sequence could perform a similar function if structural motifs, which determine protein function, are shared.

Nevertheless, the biological function of the protein and the regulation of its gene have to be proven with the use of a model organism. Searching the sequence database of the model organism of choice tells the researcher if his gene of interest or a closely related sequence has been found in the organism of choice. These databases are often maintained by research groups who focus on the model organism, e.g. Jackson Lab's for the mouse genome database **(http://www.informatics.jax.org/).**

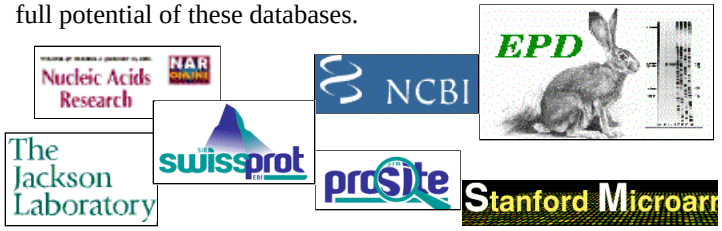
The function of a protein is often determined by modifying its amount in the cell or organism. Using molecular biology techniques, the researcher will try to "knockout" the gene of interest and analyze the phenotype (appearance) in the mutant model organism (loss of function experiment). Similarly, increasing the amount of the studied protein (gain of function) can also provide clues about the role of a protein. These findings can be submitted to and compared to databases describing mutants and transgenic organisms (e.g., in one of the databases listed in the Resources for Transgenic and Targeted Mutation Research: **http://tbase.jax.org/docs/databases.html**).

Besides investigating one gene at a time, other research laboratories have started to focus on automated high-throughput analysis by using robotic devices for fast and vast generation of data.

- Genomics, the analysis of the whole genome, uses microarray-based technologies to monitor gene expression patterns of thousands of genes and compares these patterns among different tissues, for example, the normal or diseased states of an organ.
- In Proteomics, the complete set of proteins of a cell or tissue is monitored and compared using techniques like two-dimensional gel electrophoresis, mass spectroscopy (MS) and MS-related techniques.

The need for the computational analysis of such complex data sets is apparent, and databases containing the results generated by these specialized methods are growing rapidly (e.g., the Stanford Microarray Database: **http://genome-www4.Stanford.EDU/MicroArray/SMD/** or the NCI 2DWG Image Meta-Database: **http://www-lecb.ncifcrf.gov/2dwgDB/**).

Combining the findings from basic research with clinical data on diseases makes the challenge even more complex. Bio-informatics specialists as well as a good collaboration between life scientists and informatics professionals are needed to use the full potential of these databases.



The 24 Languages Project

The Spencer S. Eccles Health Sciences Library has partnered with the Bureau of Primary Care, Rural and Ethnic Health in a project to post health information in multiple languages on the Web. The 24 Languages Project's goal is to convert 200 health education brochures developed by the Utah Department of Health into an electronic format and make them accessible through a central Internet site.

This project will improve health information access for both regional and global populations. An estimated one out of every ten Utahns belongs to an ethnic or racial minority group. Electronic access to these brochures will eliminate some barriers to information. Due the global scale of the Internet, people worldwide will also have access to these materials.

The staff at the Hope Fox Eccles Clinical Library is currently digitizing the brochures and posting them on the Internet. A website has been created, and staff members are scanning the materials and making them available in a PDF format. Please check out the website at **http://uchin.med.utah.edu/24lang.html**

*MEDLINE*plus *News From NLM*

MEDLINE*plus*, the National Library of Medicine's consumer health website, has added a series of interactive modules for patient education.

There are 30 topics in the series, including
- diseases and conditions, such as diabetes and back pain
- tests and procedures, such as colonoscopy and CT scan
- treatment procedures, such as breast cancer surgery, coronary artery bypass, and prostate surgery
- modules in Spanish on diabetes and hypertension

Each module, which takes about 10 minutes to review, uses animated graphics and explains a condition or procedure in easy to read language. The user can also listen to the tutorial or print the text of each from a PDF file. The modules require a Flash plug-in, version 4 or above, which may be downloaded free of charge.

The tutorials were prepared by the Patient Education Institute (PEI) and modified to NLM's specifications. PEI is a private company located on the Technology Innovation Campus of the University of Iowa. More topics are in preparation and will be added to MEDLINE*plus* in the coming months.

The MEDLINE*plus* tutorials may be accessed directly at **http://www.nlm.nih.gov/medlineplus/tutorials.html**

Report: InfoFair 2001

The Spencer S. Eccles Health Sciences Library held their nineteenth annual InfoFair on Thursday, March 22. This year's theme was Genome Research in Healthcare: Cracking the Code.

Dr. Daniel R. Masys, Director of Biomedical Informatics at the University of California at San Diego, delivered the Clifford C. Snyder, M.D. and Mary Snyder keynote addressed *Information Science for Genome-Enabled Research and Healthcare*. Topics covered in Dr. Masys' address included:
- the Human Genome Project
- functional genomics: microarray technologies
- analytical issues and challenges
- new approaches
- the future: impact of array science on health and health care

In his vision for clinical functional genomics systems, Dr. Masys sees a general purpose, programmable "clinical laboratory on a chip," disease-specific gene express signatures and "personal genomics." To view Dr. Masys' *PowerPoint* presentation visit **http://medstat.med.utah.edu/infofair/infofair2001/Masys-3-22_files/v3_document.htm**

The Meet the Experts panel discussion was moderated by Wayne J. Peay, M.S., and included panelists Daniel R. Masys, Lisa Cannon Albright, Ph.D., Bernie LaSalle, B.S., James Metherall, Ph.D. and Robert B. Weiss, Ph.D. Panelist remarks and audience discussion focused on the major contributions of genome research to healthcare, including drug-gene interactions, as well as the ethical issues related to patient confidentiality and genetic makeup.

In the early afternoon, Eugenia Posey-Marcos, Ph.D., provided an overview of *Molecular Database Resources at the National Center for Biotechnology Information.* Dr. Posey-Marcos discussed several of the databases and the services from NCBI including: the GenBank database, the Entrez databases and retrieval service, the structure databases and the Cn3D Viewer, Blast similarity searching, and some of the newest specialized genomic resources including Mapviewer, Sequence and Ace Viewers, the Genome pages, Clone Registry, and the MGC database. Her *PowerPoint* slides are available at **http://medstat.med.utah.edu/infofair/infofair2001/NCBI-posey_files/v3_document.htm**

The later afternoon wireless networking program began with a discussion and demonstration of wireless access by Dave Hoisve of the J. Willard Marriott Library. Dave highlighted the complexities involved in deploying wireless networks on campus. Decisions must be coordinated on many issues, including:
- authenticating users to verify their identity, due to increased security risks
- allocating the radio frequency on campus to prevent network collisions or interference
- identifying standards for hardware and software to enable support
- determining a strategy that allows roaming from one wireless network to another

Panel members shared wireless implementation plans from around the Health Sciences Center. These include:

- deployment in the hospital, an environment requiring an extremely high level of security
- College of Pharmacy's plans to employ hand held Jornada devices using wireless networking
- College of Nursing using wireless technology to expand network access to classrooms with no network connections

During the Electronic Resources Fair, library staff were available to answer questions about access to electronic resources. In addition, the InfoFair 2001 website provides links to the Web Gallery highlighting molecular and biological resources. Visit **http://medstat.med.utah.edu/infofair/infofair2001/gallery.html**

Many thanks to our InfoFair sponsor Dr. Clifford Snyder, as well as presenters, attendees and facilitators.

One additional note, a luncheon was held to honor and recognize Dr. Snyder and the establishment of the Clifford C. Snyder, M.D.-Far Eastern Presidential Endowed Chair in the Spencer S. Eccles Health Sciences Library. Twenty-three special guests, friends and family members joined Dr. Snyder in the library's History of Medicine Room for this occasion.

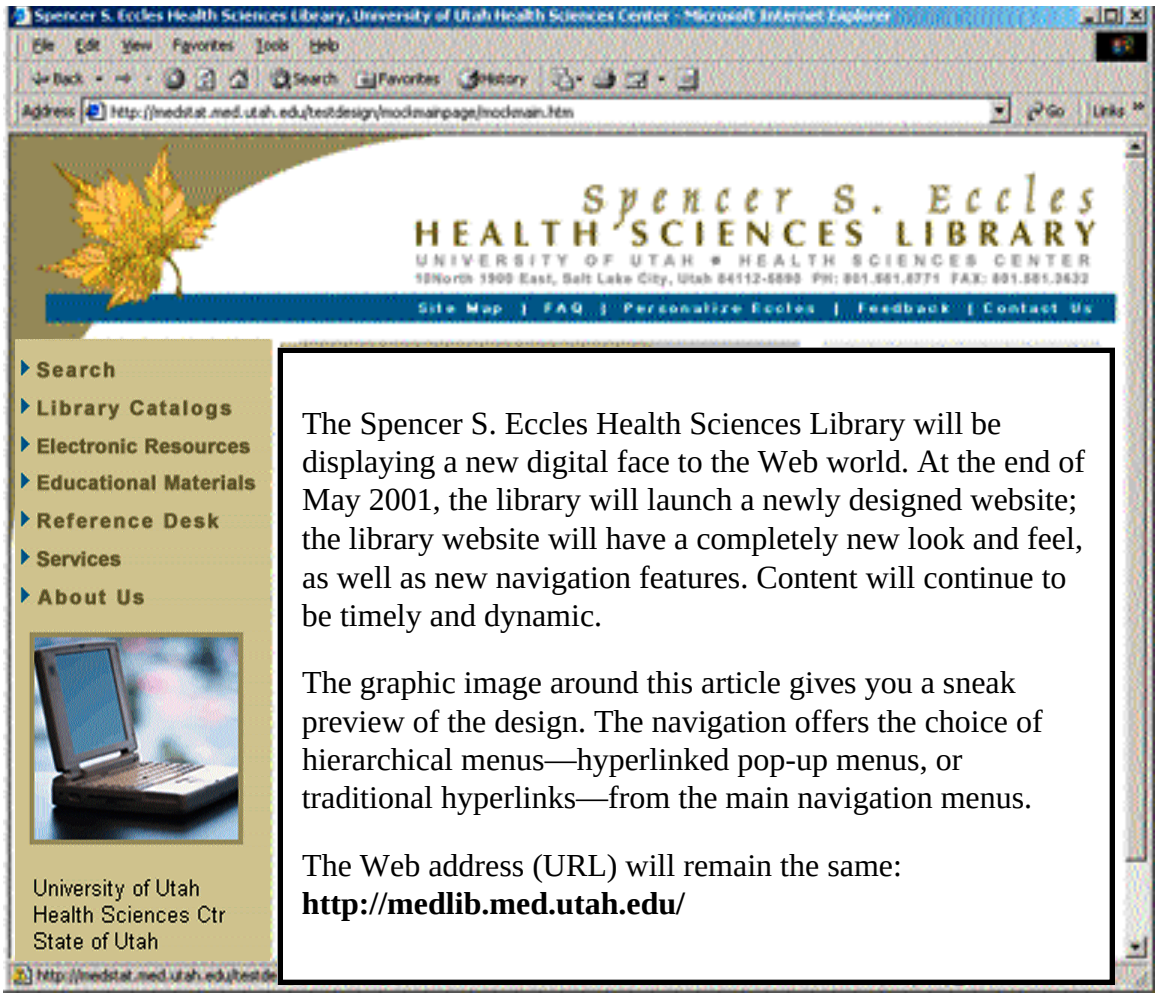
Wireless Network Available at Eccles Library

The Spencer S. Eccles Health Sciences Library now offers wireless network access to the Internet. This provides access to the majority of library services, as well as email, the Web, and all other IP services. To take advantage of the wireless network, you need a laptop with a PCMCI slot for a network card.

There is a one-time installation of appropriate software to run the wireless network card. After the software is installed, the wireless card may be checked out at the library any time you wish to connect. The range of the wireless network will cover the entire library, and even the front steps!

Ask at the Reference desk, or contact Nancy T. Lombardo (801-581-5241, nancyl@lib.med.utah.edu) for instructions or assistance with installing the wireless network card.

Coming Soon! Newly Designed Web Page for Eccles Library



The Spencer S. Eccles Health Sciences Library will be displaying a new digital face to the Web world. At the end of May 2001, the library will launch a newly designed website; the library website will have a completely new look and feel, as well as new navigation features. Content will continue to be timely and dynamic.

The graphic image around this article gives you a sneak preview of the design. The navigation offers the choice of hierarchical menus—hyperlinked pop-up menus, or traditional hyperlinks—from the main navigation menus.

The Web address (URL) will remain the same: **http://medlib.med.utah.edu/**

Introducing ... John C. Tueller Bramble

Reference Librarian
Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features John Bramble.

John, born and raised in Salt Lake City, Utah, received his B.S. in sociology from the University of Utah in 1999. John is not totally new to the Spencer S. Eccles Health Sciences Library. While in the last year of working towards his bachelor's degree, he started in Circulation and moved to the Reference Department, where his passion for library work began.

Before library work, John held a variety of jobs in many areas. He worked as a paralegal for a local law firm, as a carpenter building counter tops for homes, and taught sea kayaking in the Philippines. For seven years, John guided fishing and whitewater river expeditions in western Wyoming where he led trips down the Green River, as well as down the Snake River from Jackson Lake to the Palisades Reservoir. While in Wyoming, John taught whitewater guiding skills, river hydrology, river rescue, and river safety for a Jackson Hole outfitters' guide school.

Before returning to the Eccles Library, John supervised the Circulation Department for the University of Utah's S.J. Quinney Law Library. Currently John is working towards a master's degree in library science through Florida State University's online course.

John was recently married to Joan Giroux, a fifth grade teacher for Cottonwood Elementary School's gifted education program. Both Joan and John enjoy their annual canoe trip to the Boundary Waters in Minnesota, river running, and mountain sports. Their domestic interests include gardening, making homemade wines, canning preserves, and renovating their 1908 home. John especially enjoys supporting Joan with her marathon training, exploring anything to do with food and the culinary arts, welding with his new wire feed MIG welder, and collecting tools for home renovations.

John is excited to be back at the Eccles Library. He is looking forward to working in the Reference Department, teaching and working with people who are searching for information.

(continued from page 1)

- **Web Editions** provides electronic access to the current issues of 350+ titles subscribed to in print by Marriott and Eccles Libraries, and yes, ***Brain Research*** is back!

For a complete list of electronic journals available to University of Utah patrons, see the Eccles Library Ejournal page: **http://medlib.med.utah.edu/database/ejournal.html** or search the Eccles Library catalog. Marriott Library also maintains an extensive list: **http://www.lib.utah.edu/cgi-bin/drframe.pl?cnts=EP** and includes titles in UNIS. Please send electronic journal feedback to Mary Youngkin at maryy@lib.med.utah.edu

Electronic Books Available Through netLibrary

New to the University of Utah's Spencer S. Eccles Health Sciences Library's collection of online databases is netLibrary. Located in Boulder, Colorado, netLibrary is the world's premier provider of electronic books (eBooks) that not only strive in helping to create a richer, more productive learning environment for libraries in the academic arena, but also in the public, corporate, and special library settings. Founded in 1998, netLibrary combines the time-honored traditions of the library system with electronic publishing, offers an easy-to-use information and retrieval system for accessing the full text of reference, scholarly, and professional books. For more information, visit **http://www.netlibrary.com** or direct your questions to the Eccles Library reference desk 801-581-5534.

IAIMS Newsletter Deadline and Mailing List

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)
Assistant Editor: Bonnie Fox (bfox@lib.med.utah.edu)

The deadline for the Summer 2001 issue of the *IAIMS Newsletter* is Monday, August 6.

The IAIMS Newsletter is available electronically via the Web at **http://medlib.med.utah.edu/iaims/iaims.html**

To receive a copy of the electronic version in PDF format, send an email message to: MAISER@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5980. VOICE: 801-585-6744. FAX: 801-581-3632. INTERNET: jeannele@lib.med.utah.edu.

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SALT LAKE CITY UT 84112-5890

Non-Profit Organization
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Salt Lake City, Utah
Permit Number 1529

The Spencer S. Eccles Health Sciences Library
Summer 2001 Hours

May 14-28

Monday to Thursday	7:00 A.M.-11:00 P.M.
Friday	7:00 A.M.-8:00 P.M.
Saturday	9:00 A.M.-8:00 P.M.
Sunday	11:00 A.M.- 11:00 P.M.

Special Hours

Memorial Day	9:00 A.M.-6:00 P.M.

Summer Semester — May 29 to August 3

Monday to Thursday	7:00 A.M.-10:00 P.M.
Friday	7:00 A.M.-8:00 P.M.
Saturday	9:00 A.M.-6:00 P.M.
Sunday	Noon- 6:00 P.M.

Special Holiday Hours

Wednesday, July 4	Closed
Tuesday, July 24	Closed

Summer Break — August 4-19

Monday to Friday	7:00 A.M.-8:00 P.M.
Saturday	9:00 A.M.-6:00 P.M.
Sunday	Closed

Regular Fall Semester Hours Resume August 20, 2001

Phone Numbers

Acquisitions	801-587-9247
Administration	801-581-8771
Hours	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4686
Computer & Media	801-581-8052
Gifts to Library	801-581-5266
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Outreach Services	801-585-5743
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

The ***IAIMS Newsletter*** is published 3 times a year (August, January, May), with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah.
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URL: http://medlib.med.utah.edu/

IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Fall 2001 *Volume 17 Number 1*

Library and Information Technology Forum Fall Schedule

The Spencer S. Eccles Health Sciences Library sponsors a series of brown bag seminars related to libraries and information technologies. The Library and Information Technology Forum is generally held the second Wednesday of the month in Classroom C in the School of Medicine from 12:05 until 1:00 P.M. Sessions provide an opportunity for faculty, staff and students to learn about new computer technologies and electronic information sources. See **http://medlib.med.utah.edu/library/edumaterials/lift/lift.html/** for full program descriptions and a look at past Forums.

The September LIFT Forum (date to be announced) features Robert B. Trelease, Professor, University of California at Los Angeles School of Medicine. Bob will talk about the use of handheld computers in the classroom, hardware and software issues and ways to connect to existing networks.

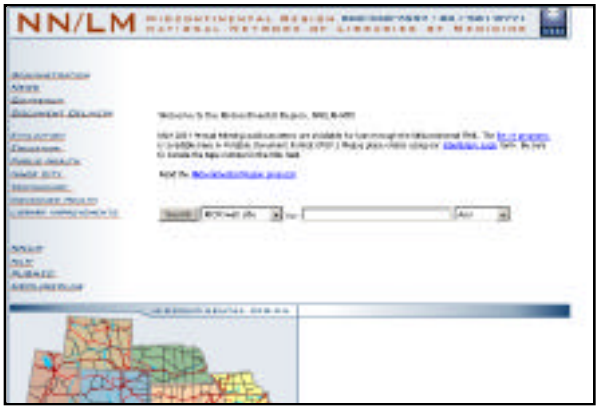
Forum Schedule; Classroom C from 12:05 to 1:00 P.M.

- Date TBA—Bob Trelease; *Personal Digital Assistants for Pre-clinical and Clinical Education*
- October 10, 2001—Mary Youngkin; *Electronic Resources at the University of Utah*
- November 14, 2001—Kenning Arlitsch; *Digitized Collections at the Marriott Library*
- December 5, 2001—TBA

The RML Occasional Column

A new program at Spencer S. Eccles Health Sciences Library? Why not add a new column for the *IAIMS Newsletter*? This is the first of a series of columns reporting the highlights of the activities of the Midcontinental Regional Medical Library Program. More comprehensive reporting will be published in the RML bi-monthly newsletter.

This column will highlight our new website at **http://nnlm.gov/mcr/index.html** The proposal describing our vision for the next 5 years is available from the Midcontinental Region Proposal link. Check out the flashy graphic of the states in our region. Sliding your mouse over a state will display the state name, the location of the resource library or libraries in the state, and contact information for the resource library. Our major program areas are featured in the left hand column. Easy links will provide updates on our progress. The website will be a major communication tool between the staff of the RML and our audience: librarians, health professionals, and the public. Please contact Claire Hamasu at 801-587-3412 for more information.



In This Issue

Library and Information Technology Forum Fall Schedule 1
The RML Occasional Column 1
Introducing ... Donna Herron 2
Introducing ... Claire Hamasu 2
Library Workshops and Classes 3
Library 2001 Reorganization 4
New PubMed Tutorial & Remembering Marian Latey . . . 4
Consumers Seeking Health Information on the Internet . . 5
Plan Now for Slice of Life 2002 5
Nature and *Science* Lovers Rejoice! 5
Library Education Services 5
Personal Digital Assistants 6
LinkOut Update 6
eMedicine for You! 7
IAIMS Newsletter Deadline & Mailing Lists 7
Fall Library Hours and Phone Numbers 8

Introducing ... Donna Herron

Duplication Assistant
Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Donna Herron and Claire Hamasu.

Donna's love of books gravitated her desire to work for the New York Public Library during high school. After graduating high school and studying business at Grace Institute, she went to work briefly for publisher Franklin Watts and author/publisher Keith Jennison. She feels it was a wonderful adventure and a great privilege for someone so young. After marrying and moving to Colorado, Donna worked for an osteopathic hospital in the medical records department and found the work really interesting but when an opportunity presented itself to work for the Pikes Peak Library in Colorado Springs she decided to give it a try. While raising her two sons, she became a dedicated member of the library's work force. She worked in various positions, mainly in the circulation department with emphasis on children's programs, such as summer reading and story time. She planned and implemented the art program for a summer reading party involving over one thousand children.

Since moving to Salt Lake City, Donna has worked for both Davis County and Salt Lake City Public Libraries. She has been working here at the Eccles Library duplication department for over a year and really enjoys the patrons and staff at Eccles Library. She feels the patrons, especially the students, are truly inspiring. "They always work so diligently and give so much of themselves; it is hard not to respect their work ethics and ideals."

Donna's favorite pastimes are reading, attending the theater, traveling, writing poetry, watching films, gardening and visiting wineries. Someday she hopes to resume her education, something in the liberal arts field, but she still isn't sure what she'll be when she grows up!

Personnel Changes

Claire Hamasu, accepted a position as Associate Director for the Midcontinental Regional Medical Library; she started August 1, 2001 at the Spencer S. Eccles Health Sciences Library.

Laura Jones, Nancy Litz, Mary McFarland and Camille Salmond have all been promoted to Library Supervisor.

Introducing ... Claire Hamasu

Associate Director
Midcontinental Regional Medical Library
Spencer S. Eccles Health Sciences Library

Claire Hamasu's experience within the National Network of Libraries of Medicine has covered libraries from petite to large. She began as a solo hospital librarian in a rural hospital in Hilo, Hawaii. It was here that she started her outreach career by providing services to the smaller hospitals around the island. With her next position, Claire joined the reference staff at Hawaii Medical Library, the state's resource library. Hawaii Medical Library received one of the National Library of Medicine's first outreach awards for Grateful Med. Claire trained health professionals to do their own MEDLINE searching, a novel idea at the time.

She then moved to California to become the outreach coordinator for the Regional Medical Library at the University of California, Los Angles, Louise M. Darling Biomedical Library. At UCLA Claire worked with rural facilities, inner city clinics, and other health related institutions to introduce their staff to the wealth of information available electronically. These facilities all lacked a medical librarian to serve their information needs. The experience at UCLA prepared her to join the staff at the Spencer S. Eccles Health Sciences Library.

In her new position as associate director of the Regional Medical Library, Claire will be managing the contract recently awarded by the National Library of Medicine to the Eccles Library. Claire is the first of three new staff who are being brought on board to start up this program. Her responsibilities will include coordinating the subcontracts that charge and enable resource libraries in the region (CO, KS, MO, NE, WY, UT) to offer RML services in their respective states.

Projects targeting special populations of priority to the National Library of Medicine will also be developed and carried out through these subcontracts. In addition, she will be looking for new partnerships that can be formed in the areas of consumer health, health sciences libraries, public health, and minority health to improve information access.

Having lived her life in more temperate climates, Claire is wondering about adapting to a location that has four seasons and is anticipating learning winter sports.

Library Workshops and Classes

Classes with a fee (indicated by an asterisk) require pre-payment.

Tours and Orientations
To schedule call 801-581-5534 or email Mary McFarland at marym@lib.med.utah.edu.

Searching MEDLINE on PubMed — Small PC Lab
- Tuesday, September 17, 2001 — 2:30 P.M.-4:00 P.M.
- Monday, October 1, 2001 — 2:30 P.M.-4:00 P.M.
- Friday, October 5, 2001 — 10:00 A.M.-11:30 A.M.
- Wednesday, October 17, 2001 — 11:00 A.M.-12:30 P.M.
- Wednesday, October 31, 2001 — 2:30 P.M.-4:00 P.M.
- Friday, November 2, 2001 — 2:30 P.M.-4:00 P.M.

***Advanced PubMed MEDLINE**
Contact instructor to arrange a date and time; Mary Youngkin, 801-581-5534 or email at maryy@lib.med.utah.edu

ACCESS, Part 1 — Large PC Lab
- Wednesday, October 3, 2001 — 9:00 A.M.-11:00 A.M.

ACCESS, Part 2
- Wednesday, October 10, 2001 — 9:00 A.M.-11:00 A.M.

Bibliographic Management
***EndNote* (version 5)** — Small PC Lab
- Thursday, September 20, 2001 — 8:30 A.M.-10:30 A.M.
- Tuesday, October 30, 2001 — 10:00 A.M.-Noon
- Wednesday, November 7, 2001 — 2:00 P.M.-4:00 P.M.

***Reference Manager* (version 9)** — Small PC Lab
Contact instructor to arrange a date and time; Jeanne Le Ber, 801-585-6744 or email at jeannele@lib.med.utah.edu

Business Sources on the Web
Contact instructor to arrange a date and time; Liz Workman, 801-581-4686 or email at lworkman@lib.med.utah.edu

Consumer Health with EBSCOhost — Small PC Lab
Contact instructor to arrange a date and time; Liz Workman, 801-581-4686 or email at lworkman@lib.med.utah.edu

Excel Essentials, Part 1 — Small PC Lab
- Monday, September 10, 2001 — 4:00 P.M.-5:30 P.M.
- Monday, October 15, 2001 — 9:00 A.M.-10:30 A.M.
- Monday, November 12, 2001 — 4:00 P.M.-5:30 P.M.

Excel Essentials, Part 2 — Small PC Lab
- Wednesday, September 12, 2001 — 4:00 P.M.-5:30 P.M.
- Wednesday, October 17, 2001 — 9:00 A.M.-10:30 A.M.
- Wednesday, November 14, 2001 — 4:00 P.M.-5:30 P.M.

Exploring Academic Universe — Small PC Lab
- Friday, September 14, 2001 — 4:00 P.M.-5:30 P.M.
- Thursday, October 18, 2001 — 9:00 A.M.-10:30 A.M.
- Thursday, November 15, 2001 — 4:00 P.M.-5:30 P.M.

FrontPage, Part 1 — Large PC Lab
- Monday, September 17, 2001 — 1:00 P.M.-3:00 P.M.

FrontPage, Part 2 — Large PC Lab
- Monday, September 24, 2001 — 1:00 P.M.-3:00 P.M.

Full Text Databases — Small PC Lab
- Monday, October 22, 2001 — 10:00 A.M.-11:30 A.M.
- Thursday, November 1, 2001 — 2:30 P.M.-4:00 P.M.

Grants: Researching Grants — Large PC Lab
- Wednesday, September 19, 2001 — 10:00 A.M.-11:00 A.M.
- Wednesday, October 17, 2001 — 10:00 A.M.-11:00 A.M.
- Tuesday, November 20, 2001 — 10:00 A.M.-11:00 A.M.

***HTML, Beginning** — Large PC Lab
- Tuesday, September 11, 2001 — 1:30 P.M.-4:30 P.M.

***HTML, Intermediate** — Large PC Lab
- Thursday, September 13, 2001 — 1:30 P.M.-4:00 P.M.

Netscape Composer, Part 1 — Large PC Lab
- Tuesday, October 30, 2001 — 2:00 P.M.-4:00 P.M.

Netscape Composer, Part 2 — Large PC Lab
- Tuesday, November 6, 2001 — 2:00 P.M.-4:00 P.M.

***PowerPoint*, Basic Presentations** — Large PC Lab
- Wednesday, September 19, 2001 — 3:00 P.M.-5:00 P.M.
- Tuesday, September 25, 2001 — 10:00 A.M.-Noon
- Monday, October 15, 2001 — 2:00 P.M.-4:00 P.M.
- Monday, November 5, 2001 — 2:00 P.M.-4:00 P.M.

***PowerPoint,* Advanced Techniques** — Large PC Lab
- Wednesday, September 26, 2001 — 3:00 P.M.-5:00 P.M.
- Monday, October 22, 2001 — 2:00 P.M.-4:00 P.M.
- November 12, 2001 — 2:00 P.M.-4:00 P.M.

Scanning with *Adobe Photoshop* — Small PC Lab
- Monday, September 24, 2001 — 2:00 P.M.-3:30 P.M.
- Monday, October 8, 2001 — 2:00 P.M.-3:30 P.M.
- Monday, November 19, 2001 — 8:30 A.M.-10:00 A.M.

SciFinder — Small PC Lab
Contact instructor to arrange a date and time; Liz Workman, 801-581-4686 or email at lworkman@lib.med.utah.edu

Specialized Databases for the Health Professional
Contact instructor to arrange a date and time; Liz Workman, 801-581-4686 or email at lworkman@lib.med.utah.edu

Statistics for the Health Sciences — Large PC Lab
- Monday, September 10, 2001 — 1:00 P.M.-2:00 P.M.
- Tuesday, October 2, 2001 — 10:00 A.M.-11:00 A.M.

Using netLibrary — Small PC Lab
- Tuesday, September 11, 2001 — 4:00 P.M.-5:30 P.M.
- Tuesday, October 16, 2001 — 9:00 A.M.-10:30 A.M.
- Tuesday, November 13, 2001 — 4:00 P.M.-5:30 P.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. For more information, class descriptions, instructor phone number, email address, and registration form, see the Eccles Library Web page at **http://medlib.med.utah.edu/library/edumaterials/ eduservices/ libclasses.html**—or, please call 801-581-5534 or 801-585-6744.

Spencer S. Eccles Health Sciences Library 2001 Reorganization

Wayne J. Peay, Director
Spencer S. Eccles Health Sciences Library

The Spencer S. Eccles Health Sciences Library has initiated a major reorganization that will have an impact on every area of the library. This reorganization is the result of major changes in the services the library offers and the resource constraints the library must confront. The objectives of this effort are:

1. Enhance services through collaboration
2. Equitable compensation for part-time staff
3. New employment model for part-time staff

For the first objective, our major strategy is establishing a single point for service, where a library patron has access to the full scope of library services—reference, circulation, interlibrary loan, audiovisuals, duplication, computer assistance. Librarians, staff and part-time staff will be trained to effectively respond to service needs in each of these areas. A new Public Services department, headed by Mary Youngkin, will bring together these various services. The Computer and Media Services Desk on the lower level will be closed and its audiovisual collection moved upstairs into Closed Reserve. Nancy Litz will continue to administer the development and utilization of the audiovisual collection and she will also share supervisory responsibilities for the Public Services staff at the service desk on the main floor. The Duplication Department has also been merged into the new department and Niloofar Bakhti, head of the department, will join the Administrative Office staff and assume new responsibilities in accounting and financial management.

It should be stressed that the single point of service is not intended to limit service to a single location. Librarians, staff and part-time staff will be expected to move throughout the facility to provide service. Name tags will be provided and patrons will be encouraged to ask for assistance.

Finally, collaboration will be further encouraged with the inclusion of the Interlibrary Loan Department in the Technical Services Department. The change is largely a function of location, with the areas already in close proximity. Now, they will have increased administrative support for collaboration.

For the part-time staff, equitable compensation has been a long-standing problem. Repeated attempts at seeking additional budget support for part-time staff have had very limited success. It is particularly frustrating when the part-time staff are excellent employees and when the University administration recognizes that on-campus employment is a significant advantage for a student. Our objective is to offer $7 per hour as a starting wage, which is only barely competitive. However, this is a major improvement over the current $5.50 per hour. Regrettably, the strategy that is available is to reduce the number of part-time staff currently at the library. This reduction will be accomplished through attrition.

In a further effort to improve service, a new employment model for part-time staff will be instituted. Part-time staff will be hired for specific positions but they will also be considered as part of a "pool" available for work in all areas of the library. To accomplish this objective, a structured education program that will introduce part-time staff to all aspects of library operations and services will be implemented; John Bramble will lead this effort. The intention is to provide part-time staff with the foundation that will allow them to work effectively in all areas of the library. In our discussions with the part-time staff, this strategy has been received very favorably. Participation in the training program will be a requirement and will be linked to salary increases.

Needless to say, these are substantial changes that will not be fully accomplished in a few days or weeks. However, they do provide the library significant new resources and opportunities.

New PubMed Tutorial

The National Library of Medicine recently announced the release of the PubMed Tutorial, formerly titled PubMed Online Training. The tutorial is available from the PubMed sidebar.

Notable additions include the Cubby module and, by user request, an Index. Both of these items can be accessed through the tutorial sidebar. The tutorial also welcomes a fresh look with several new graphics and all new screenshots in the Flash animations. The animations were also optimized to decrease download time as well as to decrease the need for scrolling. Give it a try at **http://www.nlm.nih.gov/bsd/pubmed_tutorial/m1001.html**

Remembering Marian Latey

Marian Latey, a former colleague and Circulation Desk supervisor, passed away on July 28, 2001 in Salt Lake City. Marian worked at the University of Utah for twenty-five years. She started her library career in the George Thomas building, moving to the hopsital's B Level and then into the present building. Marian embodied the library's service philosophy and will be remembered for her efforts to provide excellent service. Marian retired from the Eccles Library in 1979.

In the News: Consumers Seeking Health Information on the Internet

Liz Workman, Clinical Librarian
Hope Fox Eccles Clinical Library

In the past two years, there have been many news articles addressing Internet use and health-oriented information. Here are some notable highlights:

A Cyber Dialogue Cybercitizen Health survey revealed that one-third of chronic disease sufferers who search for disease information online are more compliant in taking prescribed medications as directed. This study also found that 54% of chronic disease sufferers ask their healthcare providers about treatment options discovered online (*AIDS Weekly*, 01/10/2000, page 23).

A study by the Pew Internet and American Life Project found that 52 million Americans have used the Internet to find healthcare information. This equals 55% of Internet users in the U.S. according to the study. Online information has motivated 48% of these health information seekers to take better care of themselves, and has prompted changes in such areas as diet and exercise. Fifty-four percent of those seeking online health information are doing so for someone else. Web-based information affected 28% of those seeking online health data in deciding whether or not to visit a doctor (*AHA News*, 12/04/2000, Volume 36 Issue 47, page 8). The Pew report is online at **http://www.pewinternet.org/reports/pdfs/PIP_Health_Report.pdf.**

A study by Harris Interactive revealed the extent to which consumers want online tools to manage their health. These tools include online lab test results (83%), charts for monitoring chronic conditions (69%), electronic alerts for needs such as vaccinations (84%), and personalized information after office visits (80%). Online enhancements also affect provider and health plan selection. Forty-three percent of respondents would select doctors and health plans according to what "Internet systems" are available (*Business Wire*, 10/17/2000).

Plan Now for Slice of Life 2002

Next year's Slice of Life Workshop (relating to computers and multimedia in health science education) will be June 25-29, 2002 at the University of Toronto. In keeping with the usual format, pre-workshops, which are full or half day and hands-on or lecture/demo, will be on June 25 and 26 with the regular session the 27, 28 and 29. Details will be posted at **http://www.slice.gsm.com** once arrangements are made. The site currently contains details about the 2001 Munich workshop which will provide the flavor and scope of the workshop. It is hoped that many will want to attend both this workshop as well at the Ottawa Conference which immediately follows. Local host committee is chaired by Patricia A. Stewart, Ph.D., Professor, Division of Anatomy, Department of Surgery, University of Toronto (p.stewart@utoronto.ca) and the program chair is Suzanne Stensaas (suzanne.stensaas@hsc.utah.edu). The deadline for abstracts and program submissions is January 15, 2002. To be on the electronic mailing list please send your name and email address to Suzanne Hardy at suzanne@ltsn-01.ac.uk.

Nature *and* Science *Lovers Rejoice!*

The University of Utah now has full online access to the complete family of *Nature* journals at **http://www.nature.com** Access is by IP authentication; no password is required.

Titles included:

Nature
Nature Biotechnology
Nature Cell Biology
Nature Genetics
Nature Immunology
Nature Medicine
Nature Neuroscience
Nature Structural Biology
Nature Reviews Genetics
Nature Reviews Molecular Cell Biology
Nature Reviews Neuroscience

New titles launched by the publisher will be evaluated as they come out; please send feedback to Ejournals@lib.med.utah.edu The Marriott and Eccles Libraries thank the Huntsman Cancer Institute for its contribution to this purchase.

Science is coming as well; available at **http://www.sciencemag.org** Access should be established by mid-September, if not sooner. Links to these titles can be found on the library ejournal page at: **http://medstat.med.utah.edu/library/eresources/ejournals.html** or the Eccles Library catalog at **http://medstat.med.utah. edu/webpac-bin/wgbroker?new+-access+top.eccles**

Library Education Services

University of Utah faculty who would like to incorporate the use of online databases and electronic resources into their class assignments can contact the Spencer S. Eccles Health Sciences Library's Education Services department. Our specific focus is health sciences resources. Library faculty provide instruction in the use of the library catalog, databases (AGELINE, CINAHL, MEDLINE, SciFinder, SportDiscus, etc.), online resources (electronic journals and textbooks, and websites), software programs (presentation software such as *PowerPoint*, bibliographic management software such as *EndNote*, *Excel*, basic *ACCESS*), HTML basics, scanning with *Adobe Photoshop* and more.

Please contact Jeanne Le Ber at 801-585-6744 or jeannele@lib.med.utah.edu for more information or to arrange for instruction opportunities.

Personal Digital Assistants

Jeanne Le Ber, Education Librarian
Spencer S. Eccles Health Sciences Library

Many healthcare providers and students are using personal digital assistants or handheld computers to help them keep organized. As a tool, the PDA can calculate numbers, track schedules and expenses, keep an address book, and a to-do-list. PDAs are also used to communicate with colleagues, access information and resources over the Internet, and help educators and students in the classroom.

The following selected links are just a few of the many websites that provide product and application information.

AMANews.com
http://www.ama-assn.org/sci-pubs/amnews/pick_01/teca0115.htm
Some tips about using handheld computers; article by Tom Savel, M.D., January 15, 2001.

Arizona Health Sciences Library—PDAs for Health Care Providers
http://educ.ahsl.arizona.edu/pda/index.htm
This site is maintained by Mari Stoddard at the Arizona Health Sciences Library at the University of Arizona, Tucson and provides links to hardware and accessories, general productivity applications, health care resources and PDAs in the health literature

Handheldmed
http://www.handheldmed.com/
Handheldmed delivers point of care content and applications ideally suited for busy healthcare professionals. Founded by physicians and medical students, Handheldmed provides users with the leading patient tracking application combined with the most comprehensive library of electronic medical content, accessible at the point of care.

- **MobilePractice** equips healthcare professionals with a bundled suite of mobile applications and content, including Patient Tracker, the Merck Manual, and access to hundreds of mobile channels.
- **Patient Tracker** enables healthcare professionals to manage, store, and access detailed patient information on the fly. Patient Tracker will soon be available for Palm computing devices.
- **PocketClinician Library** provides users with complete access to a multitude of medical reference titles for handheld devices equipped with either the Palm or Windows operating system.

JournalToGo
http://www.journaltogo.com/
Selected medical journal abstracts and healthcare news articles are delivered to your handheld device or are accessible from your PC. This service is available at no charge. You receive peer-reviewed journal abstracts from the National Library of Medicine and news articles from Reuters to keep you up-to-date.

Palm
http://www.palm.com/ or *http://www.palm.com/education/*
This site provides product information and links to the Palm community, education, software and support.

PalmPilot Archives
http://www.pda-archives.com/pilot.shtml
The PalmPilot Archives is dedicated to providing the most complete organized archive of PalmPilot sites and software on the internet.

Palm Boulevard
http://www.palmblvd.com/
Palm Boulevard, part of the PDAStreet.com family, is the most complete third party resource on the Internet for information relating to personal digital assistants and similar devices. Includes links to software, hardware, product reviews and special reports.

pdaMD.com
http://www.pdamd.com/vertical/home.xml
This site is a resource for medical-related PDA content on the Internet

LinkOut Update

The LinkOut feature in PubMed now allows libraries to use an icon to identify articles for which they have electronic access. Change your bookmark for PubMed to: **http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?holding=uutahlib** and you will see an Eccles Library icon on the "abstract" or "citation" display for records to which the University of Utah has full text access.

You may also limit your PubMed search to available full text by using a "local provider filter."

Example: DNA-Binding Proteins AND Caenorhabditis elegans AND loprovuutahlib [filter]

Please note: We are still in the process of building our LinkOut file. If you utilize this filter you will be severely restricting your PubMed retrieval, and may miss valuable articles available in the Eccles Library either in print or electronic form.

All access restrictions to the publisher's site still apply. For example, most access is based upon IP recognition, so if you are not a University of Utah user, or you are searching from a remote site not connected to a University server, you may be denied access to the full text when you click on the icon. If access is password protected, users must still enter the password.

For questions, passwords, or more information, please send email to reference@lib.med.utah.edu

Eccles Library icon appears in abstract or citation display format only.

eMedicine for You!

Mary McFarland, Reference Associate
Spencer S. Eccles Health Sciences Library

eMedicine. What is it? And what can it do for you?

eMedicine, Inc. **(http://www.emedicine.com)** is basically a web-based medical education network for publishing and finding medical and health information. Founded in 1998 by a small group of physicians, eMedicine, Inc. offers a variety of services and tools for keeping health professionals and students up-to-date, and aiding the clinical decision-making process. Consumer level content is also readily available. Multimedia—audio and video—are included throughout the text.

Registration is currently free (corporate and institutional sponsorship, along with banner ads make this possible) and is required for some services such as "Personalized specialty or consumer information, CME/CE/CEH credits, Educational Updates, and Picture Download Access," as well as for viewing images via eMedicine's magnifier, or downloading to PDAs, or accessing other eMedicine tools.

Created in part to expedite the process of publishing medical textbooks, eMedicine, Inc. offers a new model in medical publishing. In addition to providing current and reliable content, eMedicine provides the technology for authors to write and edit. Utilizing patented, proprietary software, Group Publishing System (GPS), eMedicine enables collaborative online publishing of journals and books by participating physicians. Several University of Utah Health Sciences Center faculty participate as authors and editors. The *Author Recruitment* button on eMedicine's home page explains more.

Full text access to *eMedicine Journal*, a peer-reviewed online journal, is a major feature of the website. Adding over 400 review articles monthly, *eMedicine Journal* is written and edited by over 7,000 physicians. "Each topic is peer reviewed by four physicians and a doctor of pharmacy." Statistics from their website state that 85% of editors are residency program directors, department chairs, or research directors. *eMedicine Journal* is not indexed in MEDLINE.

Additional eMedicine features include the following:

- Continuing Medical Education (CME)—over 15,000 credit hours
- Grand Round Archive—library of Grand Round lectures
- Dictionary of medical definitions
- Search system—type in symptoms, get list of possible causes
- Links to PubMed MEDLINE abstracts of recent articles from journals such as *JAMA* and *New England Journal of Medicine*
- Online residency management software called **eResdiency**, for use by both residents and program directors of residency programs
- Daily and weekly education updates
- JADE, an email alerting service; users receive an email alerting them to new abstracts published on topics of interest

The Clinical Calculators & Medical E-Tools section includes "more than 100 clinical decision support tools: calculators, scores, scales, tables and more." Under the Institution Finder, you can locate Medical Centers, Medical Libraries, Medical Societies and Medical Schools.

For those needing portability, eMedicine content is available for personal digital assistants and handheld computers.

Next time you need to support your clinical decision, or are looking for medical information, consider using eMedicine's website at **http://www.emedicine.com**

IAIMS Newsletter Deadline and Mailing List

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)
Assistant Editor: Bonnie Fox (bfox@lib.med.utah.edu)

The deadline for the Spring 2002 issue of the *IAIMS Newsletter* is Wednesday, January 2, 2002

The IAIMS Newsletter is available electronically at **http://medlib.med.utah.edu/library/edumaterials/iaims/iaims.html**

To receive a copy of the electronic version in PDF format, send an email message to: MAISER@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5980. VOICE: 801-585-6744. FAX: 801-581-3632. EMAIL: jeannele@lib.med.utah.edu.

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The Spencer S. Eccles Health Sciences Library
Fall 2001 Hours

August 20 to December 6 and December 10-14

Monday to Thursday	7:00 A.M.-11:00 P.M.
Friday	7:00 A.M.-8:00 P.M.
Saturday	9:00 A.M.-8:00 P.M.
Sunday	11:00 A.M.- 11:00 P.M.

Thanksgiving Hours

Wednesday, November 21	8:00 A.M.-8:00 P.M.
Thursday, November 22	Closed
Friday, November 23	8:00 A.M.-5:00 P.M.

Extended Hours — December 7 to 9

Friday, December 7	7:00 A.M.-11:00 P.M.
Saturday, December 8	9:00 A.M.-11:00 P.M.
Sunday, December 9	11:00 A.M.-11:00 P.M.

Fall Semester Break — December 15, 2001 to January 1, 2002

Monday to Friday	8:00 A.M.-5:00 P.M.
Saturday	9:00 A.M.-6:00 P.M.
Sunday	Closed

Special Holiday Hours

Tuesday, December 25	Closed
Tuesday, January 1	Closed

Regular Spring Semester Hours Resume January 2, 2002

Phone Numbers

Acquisitions	801-587-9247
Administration	801-581-8771
Hours	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4686
Computer & Media	801-581-8052
Gifts to Library	801-581-5266
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Outreach Services	801-585-5743
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

The ***IAIMS Newsletter*** is published 3 times a year (August, January, May), with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah.
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IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Spring 2002 Volume 17 InfoFair 2002 Supplement

I n f o F a i r 2 0 0 2

Wednesday, March 20, 2002

Hunting, Gathering and Delivering in the Information Age

presented by
The University of Utah Spencer S. Eccles Health Sciences Library

sponsored by
The University of Utah Health Sciences Center

InfoFair is an annual event at the University of Utah Health Sciences Center with the goal of providing up-to-date information on computer applications, resources and services as well as a glimpse into the future of computers and computing in the health sciences.

The theme of InfoFair 2002 is **Hunting, Gathering and Delivering in the Information Age**. The Clifford C. Snyder, M.D. and Mary Snyder Lecturer is Valerie Florance, Ph.D., Program Officer, NLM Extramural Programs, National Library of Medicine.

A **Meet the Experts** panel discussion follows Dr. Florance's lecture. Panel participants are Rick Ash, Ph.D, Julio C. Facelli, Ph.D and Reed M. Gardner, Ph.D., with moderator Wayne J. Peay. Questions and input from the audience is encouraged.

The afternoon presentations begin with a panel discussion related to **Current Perspectives in Information Technology**. Wayne J. Peay moderates the panel; panelists include Stephen H. Hess, Ph.D., Pierre Pincetl, M.D. and Phillip J. Windley, Ph.D. The second afternoon presentation is **Digital Video Update** moderated by Nancy T. Lombardo. Presenters include Paul E. Burrows, Derek Cowan, Deb LaMarche and Jackie A. Smith, Ph.D.

Plan to visit the Multimedia Gallery: InfoFair Blasts from the Past via the website at **http://medstat.med.utah.edu/infofair/infofair2002/gallery.html** The Gallery highlights former planners, participants and attendees reminiscing about past InfoFairs.

The Clifford C. Snyder, M.D. and Mary Snyder Lectureship

Dr. Clifford C. Snyder, Professor of Surgery, founded the Division of Plastic and Reconstructive Surgery at the University of Utah School of Medicine in 1967 and served as chair of that division until 1985 when he was appointed Professor Emeritus of Surgery and Associate Dean of the School of Medicine. Throughout his career, Dr. Snyder has been an ardent supporter of the library. Dr. Snyder's endowment of The Clifford C. Snyder, M.D. and Mary Snyder Lectureship provides funding for the featured presentation at InfoFair.

InfoFair 2002 Program

The Clifford C. Snyder, M.D. and Mary Snyder Lecture and Panel Discussion

Location: George and Dolores Eccles Institute of Human Genetics Auditorium

9:30 A.M.-10:30 A.M. **Introduction**
Wayne J. Peay

Binding Knowledge to Effective Action—Information Management to Improve Health
Valerie Florance, Ph.D.

10:30 A.M.-11:00 A.M. **Refreshments**

11:00 A.M.-Noon **Meet the Experts**—Panel Discussion
Moderator: *Wayne J. Peay*
Panelists: *Valerie Florance, Ph.D.*
Rick Ash, Ph.D.
Julio C. Facelli, Ph.D.
Reed M. Gardner, Ph.D.

NOON-1:00 P.M. **Electronic Resources Fair: Responding to Your Needs**
Location: Spencer S. Eccles Health Sciences Library, Reference Area—Main Level

AFTERNOON PRESENTATIONS

Location: Spencer S. Eccles Health Sciences Library, History of Medicine Room—Upper Level

1:00 P.M.-2:00 P.M **Current Perspectives in Information Technology**—Panel Discussion
Moderator: *Wayne J. Peay*
Panelists: *Stephen H. Hess, Ph.D.*
Pierre Pincetl, M.D.
Phillip J. Windley, Ph.D.

2:00 P.M.-2:15 P.M. **Break**

2:15 P.M.-3:30 P.M. **Digital Video Update**—Panel Discussion and Demonstrations
Moderator: *Nancy T. Lombardo*
Panelists: *Paul E. Burrows*
Derek Cowan
Deb LaMarche
Jackie A. Smith, Ph.D.

Multimedia Gallery: InfoFair Blasts from the Past
http://medstat.med.utah.edu/infofair/infofair2002/gallery.html

The Clifford C. Snyder, M.D. and Mary Snyder Lecturer

Valerie Florance, Ph.D.
Program Officer, NLM Extramural Programs
National Library of Medicine, Bethesda, Maryland

Valerie Florance, Ph.D., is a Program Officer in Extramural Programs at the National Library of Medicine. She is responsible for a portfolio of grants that includes Integrated Advanced Academic Management Systems (IAIMS), other health science library resource grants, and several categories of informatics research grants. Before coming to NLM in February 2001, she was Project Director for better_health @here.now at the Association of American Medical Colleges (AAMC) and principal investigator of IAIMS: The Next Generation, N01-LM-9-3523, a contract between AAMC and the National Library of Medicine.

Until October 1998, she was Director of Academic Computing at the University of Rochester Medical Center, a position which included responsibility for the Edward G. Miner Library and for Rochester's IAIMS planning initiative. Before moving to Rochester, Dr. Florance held various positions at the William H. Welch Medical Library at Johns Hopkins University. She began her health information sciences career at the Spencer S. Eccles Health Sciences Library, as editor of MEDOC: Computerized Index to Government Documents in the Health and Information Sciences. She has been a member of the National Library of Medicine's Biomedical Library Review Committee, and was a member of the National Research Council/National Academy of Sciences study that published its report *Networking Health: Prescriptions for the Internet* in June 2000.

While in Utah, Dr. Florance received graduate degrees in medical anthropology and library sciences. She completed her doctoral studies in information sciences at the University of Maryland, College Park. In 1993, she received MLA's Ida and George Eliot prize for her article, *The Health Sciences Librarian as Knowledge Worker,* co- authored with Nina Matheson. In 1995, she received the Eliot prize again for her article *Educating Physicians to Use the Digital Library,* co-authored by Sherrilynne Fuller, Robert Braude and Mark Frisse. From the 16th edition in 1992/93 through the 20th Edition in 1997/98, she was editor of the *Annual Statistics of Medical School Libraries in the United States and Canada,* published by the Association of Academic Health Sciences Libraries. Dr. Florance has been involved in IAIMS in various roles since 1984, spanning three different academic institutions, AAMC, and now the National Library of Medicine.

The Clifford C. Snyder, M.D. and Mary Snyder Lecture Abstract

Binding Knowledge to Effective Action—Information Management to Improve Health

Since 1984, the National Library of Medicine has been giving grants to academic health sciences centers to plan and implement mechanisms for managing health information. This program, Integrated Advanced Information Management Systems (IAIMS), has awarded about $50 million since its beginning. The University of Utah was one of the first four organizations to receive an IAIMS grant. Recently, the Association of American Medical Colleges evaluated the IAIMS program and described desirable technology-enhanced futures for health care, research and medical education 2010, futures that seem to require new approaches to the management of health information.

The widespread adoption of desktop computing and wide area networking has created fundamental changes in the way we think about and use information in health settings. For example, the information 'space' in which decisions are made is very large. The number and type of information sources has multiplied, as has the number and type of people involved in building, managing and applying them. How best to draw from the common information space the right subset of information and present it in the way most effective for a given person and problem—this is the fundamental information management challenge in the coming decade. Is this really a new challenge? How does an 'information space' differ from a library? Is an informationist different from a librarian or informatician?

This presentation will explore these questions, looking at AAMC's 2010 scenarios, discussing the way NLM's IAIMS grant program is evolving, and closing with some thoughts about the opportunities and challenges of the Information Age in which we now live and work.

InfoFair Presenters and Panelists

Rick Ash, Ph.D.

Professor of Neurobiology and Anatomy, School of Medicine, University of Utah

Dr. Ash received his doctorate from Stanford University in 1975 and did postdoctoral work at the University of California at San Diego following that. He has been at the University of Utah since 1980, conducting research on membrane transport. He directs the medical histology course and organizes Block 1 of the first year medical curriculum. Dr. Ash is chair of the School of Medicine's Educational Computing Committee and serves on the University's Student Computing Advisory Committee.

Paul E. Burrows

Manager, Technology Integration and Media Design, KUED Media Solutions, University of Utah

Paul Burrows is from KUED Media Solutions, a video, multimedia and World Wide Web design and production service for the University of Utah. He is currently manager of Technology Integration and Media Design, helping faculty and other University service departments match their media needs to an appropriate technology or delivery method. With 25 years experience in video and multimedia production, Paul brings a unique perspective from "the trenches" of media production and distribution.

Derek Cowan

Graphic Designer, Spencer S. Eccles Health Sciences Library, University of Utah

Derek Cowan was hired as a student assistant at the Spencer S. Eccles Health Sciences Library in July of 1995. He was promoted to Stacks Manager in July of 1996 and began working with the Knowledge Weavers soon after that. Derek taught himself to use a variety of computer graphic programs and has worked on a variety of projects, including the *Digital Slice of Brain Atlas* with Dr. Larry Stensaas. Derek has a keen artistic eye and has designed the website for the past three InfoFair's, as well as the logo for the Utah Library Association. Currently, Derek works in the library's digital video studio and is continuing his graphic design work.

Julio C. Facelli, Ph.D.

Director, Center for High Performance Computing, University of Utah

Dr. Facelli received his Ph.D. in Physics from the University of Buenos Aires, Argentina in 1981. His research interests include: 1) parallel and distributed high performance computing; 2) determination of molecular structures using high resolution and solid state NMR (nuclear magnetic resonance) techniques; computational application to NMR; physical and theoretical aspects of chemical shift tensors and J coupling constants; and 3) calculation of NMR parameters (coupling constants and shielding tensors); application of genetic algorithms to structural analysis; molecular structure and solid state NMR of explosive materials.

Reed M. Gardner, Ph.D.

Professor and Department Chair, Medical Informatics, School of Medicine, University of Utah

Dr. Reed Gardner is Professor and Chairman of the Department of Medical Informatics at the University of Utah. He has been a co-director of medical computing at LDS, Cottonwood, and Alta View Hospitals in Salt Lake City, Utah. He is one of the principal developers and evaluators of the medical expert system known as HELP (Health Evaluation through Logical Processing).

Dr. Gardner's primary academic and research interests are hospital information systems, computerized medical decision-making, computerization of critical care, and the automation of the nursing process. He is author or co-author of more than 300 articles in the fields of medical informatics and engineering. Dr. Gardner has been a journal editor and on editorial boards of *Critical Care Medicine* and other critical care journals, as well as the *Journal of American Medical Informatics Association* (JAMIA). Dr. Gardner is a Fellow of the American College of Medical Informatics. He is a past president of the American Medical Informatics Association.

Stephen H. Hess, Ph.D.

Associate Academic Vice President for Information Technology, University of Utah

Steve Hess is the Associate Vice President of Information Technology at the University of Utah, a position he has held for three years. He is also the Executive Director of the Utah Education Network an organization that provides network and Internet connectivity and instructional support services to public and higher education, libraries and state government. Steve's career goal has been to harness technology in providing instructional and other educational support services for faculty and students in the most effective and cost efficient manner.

Deb LaMarche

Associate Director, Telemedicine Outreach Program, University of Utah Health Sciences Center

Deb LaMarche is the Associate Director of the University of Utah's Telemedicine Outreach Program, which serves as the hub of the Utah Telehealth Network. She is the project manager of a federal grant through the Office for the Advancement of Telehealth. Deb is coordinating the redesign and expansion of the Utah Telehealth Network. She served as vice chair for the Utah Health Policy Commission's Telehealth Technical Advisory Group and currently is a member of the Critical Access Hospitals State Advisory Committee and the Utah Telecommunications Coordinating Committee. Deb has a bachelor's degree in economics from the University of Utah.

Nancy T. Lombardo.

Systems Librarian, Spencer S. Eccles Health Sciences Library, University of Utah

Nancy Lombardo received her Masters of Library Science from Emporia State University in August 1994 and accepted a position at the Eccles Library in October 1994. Nancy is the co-principal investigator for a Higher Education Technology Initiative Grant that led to the development of the virtual course Internet Navigator. As the Systems Librarian, Nancy works with the library's technical staff to coordinate, maintain and improve the library's technological capabilities. In addition, Nancy teaches a variety of Internet classes and works with library faculty and staff on projects to enhance Eccles Library services through appropriate use of technology.

Wayne J. Peay

Director, Spencer S. Eccles Health Sciences Library, University of Utah

Wayne Peay received an M.S. degree with honors from the School of Library Service of Columbia University in 1977. While attending library school, he was the Assistant Director of the Data Processing Department at the Medical Library Center of New York. Following his graduation, he returned to the University of Utah as Head of Media Services at the Eccles Health Sciences Library. In 1984, he was appointed Director. Currently, he is a member of the University of Utah Task Force on Computing, and is also a member of the Utah Education Network Steering Committee. Wayne has served on the Board of Directors of the Medical Library Association and is a member of the Governor's Utah Steering Committee for the Western Governor's University.

Pierre Pincetl, M.D.

Chief Information Officer, School of Medicine, University of Utah Health Sciences Center

Jackie A. Smith, Ph.D

Associate Professor, Clinical, College of Nursing, University of Utah

Jackie A. Smith has worked over 20 years in the public health and health care arena as an educator, grantwriter, administrator, associate professor, and consultant. She has established program evaluation protocols, moderated numerous focus groups, and written numerous professional articles. Jackie is owner of Health/scripts, which publishes and distributes a book for young readers called *Babysitting Basics.*

Phillip J. Windley, Ph.D.

Chief Information Office, Office of the Governor, State of Utah

Phillip J. Windley is Chief Information Officer (CIO) for the State of Utah, serving on the Governor's Cabinet and as a member of his Senior Staff. In this capacity he is responsible for effective use of all IT resources in the state and advises the Governor on technology issues. Prior to his appointment as CIO, Dr. Windley served as Vice President for Product Development and Operations at Excite@Home, managing a team of 100 engineers and technicians developing large scale Internet and e-commerce applications. Prior to joining Excite@Home, Dr. Windley served for two years as Chief Technology Officer (CTO) of iMALL, Inc. an early leader in electronic commerce applications. Dr. Windley has been a professor of Computer Science at Brigham Young University and the University of Idaho.

Digital Video Update

Digital video is being employed on campus to address a wide variety of education and communication needs. This panel will discuss some of the current uses of the technology. Panelists will outline the advantages and disadvantages of digital video for a range of applications. Some of the implementations include: media supplements to textbooks; training for medical education; live workshops converted to online tutorials; broadcasting of conferences, courses and seminars; and teleconferencing. Demonstrations will be provided where appropriate.

Multimedia Gallery: InfoFair Blasts from the Past

In celebration of the 20th anniversary of InfoFair (1983-2002), an historical InfoFair multimedia gallery will be featured on the website. The Gallery highlights former planners, participants and attendees reminiscing, storytelling, and recalling past InfoFairs and related events. Audio, video and still clips can be viewed at: **http://medstat.med.utah.edu/infofair/infofair2002/gallery.html**

InfoFair 2000 Abstracts

Meet the Experts Panel Discussion

Local panelists will join Valerie Florance in discussing the challenges facing information management for improved health care. Audience participation and questions are encouraged. The panel moderator is Wayne J. Peay. Panelists are Rick Ash, Ph.D., Julio C. Facelli, Ph.D. and Reed M. Gardner, Ph.D.

Electronic Resources Fair: Responding to Your Needs

Library staff will be available to answer your questions about access to electronic resources, including the Library Catalog; bibliographic and full-text databases such as PubMed, the Cochrane Library, EBSCOhost, STAT!Ref, Harrison's Online, and ProQuest; full-text journals from A to Z; web-based interlibrary loan requests and much more.

Current Perspectives in Information Technology

In the rapidly changing technology environment, it is always useful to have the perspective of institutional leaders. This session will offer the leadership of the University Hospital, the University and of the State of Utah an opportunity to present their perspectives. It will also offer the participants an opportunity to interact with these decision-makers.

Directions and Parking

The Spencer S. Eccles Health Sciences Library is located on the University of Utah Health Sciences Center campus just south of the University Hospital/School of Medicine building and northeast of the College of Nursing. The George and Dolores Eccles Institute of Human Genetics is located southeast of the Eccles Library. Signs on Wasatch Drive and North Medical Drive mark the route to the Spencer S. Eccles Health Sciences Library. A brochure on *Transportation to Eccles Library* is available by contacting the Reference Desk 801-581-5534 or via the Web at: **http://medstat.med.utah.edu/library/aboutus/howtofindus.html**

Visitor parking is available directly south of the Eccles Library. The lot is regulated by a ticket and the fee is $1 per hour to a maximum fee of $5 per day. Parking passes ($3.00 per day) are available from the Parking Services Office located on the west side of Wasatch Drive, or from the University Hospital cashier located in the lobby at the hospital entrance (801-581-2100). This parking pass allows parking in any A, U or E parking lot. Come early as parking spaces fill up quickly!

For a parking brochure or further information about parking at the University of Utah, contact Parking Services at 801-581-6415. Parking Service Office hours are 7:30 A.M.-5:00 P.M. Monday through Friday.

The University Department of Parking and Transportation Services provides free shuttles across campus from 6:00 A.M. to 11:00 P.M. Monday through Saturday. Contact Shuttle Customer Service 801-581-4189 for details.

The Utah Transit Authority (UTA) serves the University of Utah with 21 direct routes including two express routes from Weber and Utah counties. Call UTA at 801-287-4636 for details and schedule information.

Special Assistance Provided By

The Staff and the Education Team of the
Spencer S. Eccles Health Sciences Library
The George and Dolores Eccles Institute of Human Genetics
The University of Utah School of Medicine
Department of Medical Informatics
The University of Utah Health Sciences Center
Office of Public Affairs
The Utah Medical Association

Program Committee

Valerie Florance, Ph.D.
Jeanne Le Ber
Nancy T. Lombardo
Wayne J. Peay

InfoFair 2002 Coordinator

Jeanne Le Ber

Associate Librarian, Education Services, Spencer S. Eccles Health Sciences Library, University of Utah

Jeanne Le Ber received her Masters of Library and Information Science in 1992 from Brigham Young University. As the Education Librarian, Jeanne is responsible for coordinating the formal education efforts of the Eccles Library in a team environment. She works with faculty from the School of Medicine and Colleges of Health, Nursing and Pharmacy to identify, schedule and teach information literacy classes, with an emphasis on using electronic resources. Jeanne is the editor of the *IAIMS Newsletter*, and coordinates the Library and Information Technology Forums held the second Wednesday of the month from September through May.

Coordinators

Dawn Ashment, Financial Coordinator
John Bramble, Mary McFarland, Mary Youngkin, Electronic Resources Fair Coordinators
Derek Cowan, Website designer
Derek Cowan, Joan Gregory, Mary McFarland, Susan Roberts, Multimedia Gallery: InfoFair Blasts from the Past
Joan M. Gregory, Advisor
Nancy E. Litz, Equipment Coordinator
Wayne J. Peay, the Clifford C. Snyder, M.D. and Mary Snyder Lectureship Coordinator
Sherelyn Sandberg, Hospitality Coordinator
Mary Beth Simiele, Publicity Coordinator
Molly Youngkin, Facilitators Coordinator

Registration

InfoFair 2000 is **FREE.**
REGISTRATION IS NOT REQUIRED.

Accreditation

Medical Library Association Continuing Education Credit
Medical Library Association continuing education credit is applied for and will be available. Please contact Jeanne Le Ber at 801-585-6744 for more details.

Questions

If you have questions about InfoFair, please contact us:
University of Utah
Spencer S. Eccles Health Sciences Library
10 North 1900 East
Salt Lake City, UT 84112-5890
PHONE: 801-585-6744 or 581-5534
FAX: 801-581-3632
INTERNET: jeannele@lib.med.utah.edu
URL: http://medlib.med.utah.edu/library/infofair/infofair.html

UNIVERSITY OF UTAH
ECCLES HEALTH SCIENCES LIBRARY
10 N 1900 E
SALT LAKE CITY UT 84112-5890

InfoFair 2002

Hunting, Gathering and Delivering in the Information Age

Wednesday, March 20, 2002

Phone Numbers

Acquisitions	801-587-9247
Administration	801-581-8771
Hours/Renewals	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4685
Gifts to Library	801-587-9247
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Media Services	801-581-8052
Outreach	801-587-3493
Regional Medical Library	800-338-7657 801-587-3412
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

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IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Fall 2005 Volume 21 Number 1

Great Times Ahead! HSEB Grand Opening Ceremony

The Grand Opening of the Spencer F. and Cleone P. Eccles Health Sciences Education Building (HSEB) is scheduled for September 1, 2005 at 4:30 P.M. on the east plaza.

A formal program will include remarks by University of Utah President Michael Young, Senior Vice President for Health Sciences Lorris Betz, political leadership from the State of Utah and from the HSEB's principal donor Spencer F. Eccles. The remarkable support received from nearly 200 donors to the building will be recognized. The program will be followed by a reception as well as tours of the building.

During the lunch hour (Noon-1:00 P.M.) on September 2, 2005, a special Opening Ceremony will be held on the west plaza for students at the Health Sciences Center. This ceremony will feature remarks by the students, competitions, food, drink, gifts and a drawing for special gifts.

The completion of the Spencer F. and Cleone P. Eccles Health Sciences Education Building is a major accomplishment and it represents an exciting end to the process which started in Spring 2002. During the first week of Fall Semester 2005 there are 475 classes scheduled in the building. The Health Sciences Bookstore and the The Point Hub Café are already open, and the artwork is in the final stages of installation.

Please visit the building website at *http://hseb.utah.edu*

Library and Information Technology Forum Fall Schedule

The Spencer S. Eccles Health Sciences Library sponsors a series of brown bag seminars related to library and information technologies. The Library and Information Technology Forum is generally held the second Wednesday of the month in the Health Sciences Education Building, Room 2600 from 12:05 until 1:00 P.M. Sessions provide an opportunity for faculty, staff and students to learn about new computer technologies and electronic information sources. Visit our website at *http://library.med.utah.edu/or/lift/lift.php.*

The September 28 LIFT Forum will focus on various University calendar and scheduling options. Mat Bradford will introduce Space View, the web-based program used to schedule curriculum-related classes. Caprice Post will provide an overview of Microsoft Project's calendar and scheduling features. And finally, Darin Vercillo will present the calendar he has developed for the School of Medicine and how this calendar is helping to meet administrative needs.

Forum Schedule: HSEB 1700 or 2600 from 12:05 to 1:00 P.M.

- **September 28**—Mat Bradford, Caprice Post, and Darin Vercillo—*Calendar and Scheduling Projects at the Health Sciences Center or What Can My Calendar Do for Me?* (HSEB Room 1700)
- **October 12**— Mary Youngkin, et al.—*PubMed Central Submission and Institutional Repository* (HSEB Room 2600)
- **November 9**—Nancy Lombardo, et al.—*Current Video Technologies* (HSEB Room 2600)
- **December 7**—Steven A. Scott—*Security for Your Computer* (HSEB Room 2600)

In This Issue

HSEB Grand Opening Ceremony 1
Library and Information Technology Forum Schedule . . . 1
Want to Schedule an Event in HSEB? 2
WebCT & Introducing . . . Kelly Coffey 2
Library Workshops and Classes & NCBI Classes 3
Utahealthnet: Where Health Information Connects 4
NOVEL Is Growing 5
A Celebration of the HSEB 5-6
MedlinePlus Go Local Component for Utah 7
Eccles Library to Serve as Online Testing Center 7
Seeing Is Believing! Skype VoIP Adds Video 8
Utah Collaborative Medical Home Project 8-9
MCMLA 2005 Meeting & Building PubMed Central . . . 9
IAIMS Newsletter Deadline and Mailing List 9
Fall Semester Library Hours and Phone Numbers 10

Want to Schedule an Event in HSEB?

The Spencer F. and Cleone P. Eccles Health Sciences Education Building can be scheduled for non-curriculum-related classes and events as space is available, and with the understanding that for-credit classes are given priority over special events.

Rooms are available at no charge for Health Sciences Center departments, organizations, and individuals who are not charging for the activity associated with the reservation. Charges are applied for the following categories:

- **Category A:** Health Sciences Center departments, organizations, individuals who are charging participants for the event associated with the reservation.
- **Category B:** Other University departments and organizations, government entities and not-for-profit organizations.
- **Category C:** All other non-university groups or individuals

Classroom	Category A	Category B	Category C
Lecture Hall (75 or 150 person)	$50	$50	$100
Alumni Hall (75 or 150 person)	$100	$100	$100
Distance Education (40 person)	$100	$100	$250
Classrooms (15, 25, 40 person)	$25	$25	$50

All events are entered into the University's scheduling system which can be viewed at the Scheduling Office website: *http://www.sa.utah.edu/scheduling/* Classrooms are equipped with a classroom management system. Regularly scheduled orientations are provided by staff of the Spencer S. Eccles Health Sciences Library and are highly recommended.

By reserving space in the Health Sciences Education Building, there is acceptance of responsibility for the operation of classroom technologies and the cleanliness of the facility.

To schedule an event contact Nancy Litz; nelitz@lib.med.utah.edu; 801-581-8772

WebCT—Online Course Tools for Teaching

WebCT is a popular web-based course management system.It provides powerful tools for publishing course materials on the Web—as well as tools for course navigation, communication, testing, student tracking, and more.

Would you like to learn more? Do you need help getting your materials on WebCT? Do your students need a brief introduction to this tool? If so contact Alice Weber; aweber@lib.med.utah.edu; 801-587-9247 or Jeanne Le Ber; jeannele@lib.med.utah.edu; 801-585-6744).

Introducing . . . Kelly Coffey

Kelly Coffey, Evening & Weekend Supervisor Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Kelly Coffey.

The oldest child of an Irish Puerto Rican couple, Kelly Coffey is hardly afraid of anything. She not only embraces change but hunts it down. It was that craving for new adventure that brought Kelly to Salt Lake City. Born and raised in Queens, New York she's used to spontaneous fast paced living but finds comfort in laid back environments where she can do her best impersonation of a monk. Kelly grew independent at a young age, and soon after knew her talents were endless.

She equally enjoys the great wonders of life and the simple things, such as reading, writing, traveling, photography, listening to songs for the soundtrack of her life, loving her kitties (Katchoo and Foxxy Cleopatra Brown), dancing, roadtripping, attending awesome rock shows, rollerblading, hiking, and learning.

Fact no. 36: Kelly was sixteen when she had several poems published in anthologies and magazines. She also submitted the wrong version of a story to a local anthology which was published last year.

Fact no. 99: Kelly has worked or volunteered in libraries or bookstores since she was eight years old. This bibliophile currently owns over four hundred books, close to one hundred comic titles, and tons of magazines.

Fact no: 72: Kelly's favorite authors (in no particular order) are Chuck Palahniuk, Greg Rucka, J. M. Straczynski, Stephen King, Rick Moody, Paolo Coehlo, and Alice Sebold. She has a slight obsession with the artists Frida Kahlo, Diego Rivera, and Edward Weston.

Fact no 81: Kelly's all time favorite bands are Pearl Jam, WeeZer, Ani Difranco, Blind Melon, and Radiohead.

Fact no. 14: Graduated Cum Laude from Marymount College, Tarrytown with a bachelors in Psychology and Women's Studies. She still dreams of pursuing a degree in art therapy.

Fact no. 1: Kelly lives by her own motto, "I'll never know what I want to do but will always do what I want."

Library Workshops and Classes

Tours and Orientations
To schedule call 801-581-5534 or email Mary McFarland at marym@lib.med.utah.edu

Access Basics — **HSEB 3100D**
- Wednesday, September 7, 2005 — 1:30 P.M.-4:00 P.M.
- Monday, October 3, 2005 — 1:30 P.M.-4:00 P.M.
- Wednesday, November 2, 2005 — 9:30 A.M.-Noon

Access Advanced — **HSEB 3100D**
- Monday, September 26, 2005 — 12:30 P.M.-3:30 P.M.
- Wednesday, October 19, 2005 — 1:30 P.M.-4:00 P.M.
- Monday, November 14, 2005 — 9:30 A.M.-Noon

Basic Design
By request for groups of four or more; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

Bibliographic Management

EndNote (version 9) — **HSEB 3100D**
- Thursday, September 8, 2005 — 1:00 P.M.-3:00 P.M.
- Monday, September 27, 2005 — 8:00 A.M.-10:00 A.M.
- Monday, October 10, 2005 — 2:00 P.M.-4:00 P.M.
- Friday, October 28, 2005 — 9:00 A.M.-11:00 A.M.
- Thursday, November 10, 2005 — 10:00 A.M.-Noon
- Monday, November 28, 2005 — 2:00 P.M.-4:00 P.M.

EndNote, Follow-up Session
To be arranged; contact Jeanne Le Ber at 801-585-6744.

Breeze Live
By request; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

Contribute
By request for groups of four or more; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

Dreamweaver, Part 1 and 2
By request for groups of four or more; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

Excel Essentials, Part 1 — **HSEB 3100 Suite**
- Monday, September 12, 2005 — 10:00 A.M.-11:00 A.M.
- Wednesday, October 26, 2005 — 11:00 A.M.-NOON
- Monday, November 14, 2005 — 3:00 P.M.-4:00 P.M.
- Wednesday, December 7, 2005 — 10:00 A.M.-11:00 A.M.

Excel Essentials, Part 2 — **HSEB 3100 Suite**
- Wednesday, September 14, 2005 — 10:00 A.M.-11:00 A.M.
- Friday, October 28, 2005 — 11:00 A.M.-NOON
- Wednesday, November 16, 2005 — 3:00 P.M.-4:00 P.M.
- Friday, December 9, 2005 — 10:00 A.M.-11:00 A.M.

Grant Writing and Research — **HSEB 3100B**
- Friday, September 16, 2005 — 9:30 A.M.-11:30 A.M.
- Friday, October 21, 2005 — 9:30 A.M.-11:30 A.M.
- Friday, November 18, 2005 — 9:30 A.M.-11:30 A.M.

PowerPoint, Basic Presentations — **HSEB 3100 Suite**
- Friday, September 9, 2005 — 2:00 P.M.-4:00 P.M.
- Wednesday, September 21, 2005 — 10:00 A.M.-Noon
- Friday, October 7, 2005 — 1:00 P.M.-3:00 P.M.
- Wednesday, October 19, 2005 — 2:00 P.M.-4:00 P.M.
- Friday, November 3, 2005 — 3:00 P.M.-5:00 P.M.
- Monday, November 21, 2005 — 2:00 P.M.-4:00 P.M.

PowerPoint, Advanced Techniques — **HSEB 3100 Suite**
- Friday, September 23, 2005 — 2:00 P.M.-4:00 P.M.
- Tuesday, October 4, 2005 — 8:00 A.M.-10:00 A.M.
- Friday, October 21, 2005 — 1:00 P.M.-3:00 P.M.
- Thursday, November 17, 2005 — 3:00 P.M.-5:00 P.M.
- Wednesday, November 30, 2005 — 2:00 P.M.-4:00 P.M.

PowerPoint, Animation Part 1 and 2
By request for groups of four or more; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

PowerPoint, Posters — **HSEB 3100 Suite**
- Tuesday, September 27, 2005 — 3:00 P.M.-4:00 P.M.
- Friday, October 28, 2005 — 1:00 P.M.-2:00 P.M.

PubMed MEDLINE Basics — **HSEB 3100A**
- Friday, September 9, 2005 — 1:00 P.M.-2:30 P.M.
- Tuesday, September 13, 2005 — 10:00 A.M.-11:30 A.M.
- Wednesday, September 14, 2005 — 5:00 P.M.-6:30 P.M.
- Tuesday, September 27, 2005 — 4:00 P.M.-5:30 P.M.
- Wednesday, September 28, 2005 — 1:00 P.M.-2:30 P.M.
- Wednesday, October 5, 2005 — 3:00 P.M.-4:30 P.M.

RefWorks
By request for groups of four or more; contact Jeanne Le Ber at 801-585-6744 or jeannele@lib.med.utah.edu

Scanning with Adobe Photoshop — **HSEB 3100 Suite**
- Tuesday, October 18, 2005 — 2:00 P.M.-4:00 P.M.
- Wednesday, November 30, 2005 — 9:00 A.M.-11:00 A.M.

Classes are hosted by the Spencer S. Eccles Health Sciences Library. Online registration is required for all classes. For more information see the Eccles Library Web page at ***http://registration.med.utah.edu/*** or please call 801-581-7535 or 801-585-6744.

Faculty are encouraged to consider integrating library classes into their course content. For more information contact Jeanne Le Ber; jeannele@lib.med.utah.edu; 801-585-6744.

NCBI Classes from a Distance

Nicola Gaedeke, Ph.D., will be offering a series of five-classes related to the use of the NCBI databases. Classes are scheduled for late November and early December and will be taught from Berlin, Germany. Check the classes website to verify days and times and to register. Classes include:

1. **Gene-centered information** (e.g. Entrez-Gene, GeneCards and other resources)
2. **Organism-centered information** (e.g. Taxonomy Browser and other resources)
3. **How to search Entrez-Nucleotide and other Entrez-Databases**
4. **BLAST - the Algorithm**
5. **BLink - the BLAST link**

Utahealthnet: Where Health Information Connects

Sally M. Patrick, Project Director
Spencer S. Eccles Health Sciences Library

Utahealthnet (*http://utahealthnet.org*) is the new name for the Utah Consumer Health Information Infrastructure project funded through a National Library of Medicine/National Institutes of Health (NLM/NIH) Information Systems Grant. Sponsored by the Spencer S. Eccles Health Sciences Library, Utahealthnet is developing statewide collaborations and communication pathways in order to assure access to high quality health information, resources, services and programs for all Utah citizens. Utahealthnet is a consumer health network of human and technological connections which will serve Utah's health information seekers, regardless of geographic location.

The core partners joining the Eccles Library in the initial phase of Utahealthnet are: The Utah Department of Health, The Utah Telehealth Network, The Utah State Library Division and public libraries statewide. Many other community providers of health information are joining this ongoing effort to share their resources with Utah citizens.

Utahealthnet is evolving based on the participation of our partners:

- Consumer oriented website *http://utahealthnet.org*
- Health topics from reliable national and local partners providing information and human services
- Tutorials on savvy Web searching and high-quality health websites
- Health News
- Ask-A-Medical Librarian reference service
- Training for providers as well as consumers of high-quality consumer health information
- A focus for consumer health information statewide
- Utah Health Info Direct (coming Fall 2005) for full text health information to your desktop

If you would like to collaborate with Utahealthnet, have suggestions or would like to schedule a training session on consumer health information, please contact:

Sally M. Patrick, Project Director
Utahealthnet
spatrick@lib.med.utah.edu
801-581-6979 or in-state toll-free direct 866-581-5534

Neuro-Ophthalmology Virtual Education Library (NOVEL) Is Growing

The NOVEL project is a collaboration between the Spencer S. Eccles Health Sciences Library and the North American Neuro-Ophthalmology Society (NANOS). The project is funded through an Information Systems Grant (G08 LM07919-02) from the National Library of Medicine. The goals of the project are to provide a model for library-society collaborations and to develop a digital library of educational resources in the field of neuro-ophthalmology. The project is just beginning the third and final year of the funding cycle.

The NOVEL collections continue to expand. The most recently completed collection to be added to the library is the AAO-NANOS collection. This is a compilation of teaching slides collected from nearly 40 individual NANOS members. The collection was originally made available on a CD through collaboration with the American Academy of Ophthalmology (AAO) and NANOS. The CD materials have been converted to a NOVEL collection and are now available, free, for all non-profit educational users.

The famous neuro-ophthalmology lecture series of J. Lawton Smith, MD, are available online, and are currently undergoing peer review by NANOS members. The peer review process will provide the NOVEL team with more descriptive metadata to describe each lecture. The lectures were delivered in the 1970's and are of historic value to the neuro-ophthalmology community. Dr. Smith was a great orator and his lectures are entertaining, even to those with little or no neuro-ophthalmology knowledge.

A new and different collection under development is a set of eye movement animations developed by David Newman-Toker, MD, Assistant Professor, Department of Neurology, Johns Hopkins Hospital and a NANOS member. Dr. Newman-Toker is working with an animator to develop modules that will illustrate some of the more complex eye movements, such as skew deviation and ocular tilt in both normal and pathologic states.

The complete set annotations by Irene Loewenfeld, Ph.D., author of the textbook, *The Pupil*, have been donated to the NOVEL project. There is a handwritten annotation for each of the 1000's of references cited in the textbook. The NOVEL team is currently preparing a demonstration project tying digital copies of the annotations to the articles described, using the subject specific tables included in the textbook.

Please visit the NOVEL Web site and view and use the collections: *http://library.med.utah.edu/NOVEL/*

A Celebration of the
Spencer F. and Cleone P. Eccles
Health Sciences Education Building

May 2003 to August 2005

From a Solid Foundation to
40 Technology Enhanced Classrooms
and a Quality Student-focused Facility

All photographs by Wayne J Peay-May 2003 to August 2005

NLM Accepts Proposal to Create MedlinePlus Go Local Component for Utah

Liz Workman, Reference Librarian
Spencer S. Eccles Health Sciences Library

MedlinePlus (*http://medlineplus.gov/*), the National Library of Medicine's website for consumer health information, began connecting its North Carolina users with health services in their local communities in 2003. NC Health Info, a joint effort of the National Library of Medicine and the University of North Carolina-Chapel Hill, offers a database of human services for North Carolina residents that is easy to use and enables individuals to find a variety of accessible health services in that state. This partnership launched the MedlinePlus Go Local project. MedlinePlus users can look up a health topic, select an area from the Go Local menu in the right sidebar, and find health services in their communities that are relevant to the given health topic, and many others. Currently, MedlinePlus provides this service for five regions within the United States.

In March 2005, the National Library of Medicine accepted an innovative proposal from a group of partner organizations to build a database of regional resources for the benefit of Utah MedlinePlus users. Once this data is online, MedlinePlus users can find health services in communities throughout Utah. This database will include contact information for a large variety of services either directly or indirectly connected to health, including clinics, food pantries, wig and prosthetics outlets, and more.

The following partner organizations are involved in the Utah Go Local Project:

- the Spencer S. Eccles Health Sciences Library
- the Utah Cares Project
- the Health Round Table of the Utah Library Association (HEART)
- the Utah Health Sciences Library Consortium (UHSLC)

The Utah Cares Project provided over 2100 electronic records to initially populate the Utah Go Local database. This data, collected by the Community Services Council's 211 Service, includes records of human services throughout Utah, with a special focus on Salt Lake, Summit, and Tooele counties. Volunteers from the Utah Health Sciences Library Consortium and the Utah Library Association's Health Round Table supplement this information with additional data on other human services within the state, beginning with the areas outside of the three counties just noted. The Spencer S. Eccles Health Sciences Library provides the computer and network support, plus project coordination, and the labor of data entry, migration, indexing and maintenance. The Eccles Library, HEART and UHSLC will all participate in promoting the new online resource.

Once the Utah Go Local resource is accessible, users will encounter a friendly, easy to use interface that will allow them to find local services by health topic, service type, and location. It will include an image map of the state so users can click on a county to find resources in their neighborhoods. The database will provide contact information and a general description of each local service, and a link to the service's website if available. The overall interface between MedlinePlus and Utah Go Local will be context-sensitive, and offer much more than a simple, standard directory such as the yellow pages.

The project's team plans to have the Utah component of MedlinePlus Go Local online before the end of 2005. Watch for press releases and other communications that will be published once this exciting resource is available to the public. For more information contact Liz Workman; 801-581-5534 or lworkman@lib.med.utah.edu

Eccles Library to Serve as Online Testing Center

The Spencer S. Eccles Health Sciences Library now offers workstations for online testing on the lower level. During the last year, the library has worked with the School of Medicine and the College of Nursing to provide the computers needed for testing; in addition, the library provides technical support. The SOM has developed their own tests using testing software called LXR. (Contact the SOM Dean's office for more information.) The CON is outsourcing their tests to an independent testing agency. These tests are all taken using a Web browser.

With the purchase of new computers, the testing center is equipped to test 54 students simultaneously. That number can be expanded to accommodate 12 additional students by using an overflow area (Large PC lab). All online tests must be scheduled in advance with the library. The lower level is closed to foot traffic during testing, but materials can be retrieved by library staff. The testing center will be reserved on a first come first serve basis. The service is limited to academic units in the health sciences at this time.

In a nutshell, **the library provides**

- workstations for students
- technical support for those workstations

The academic unit provides

- Web address for test
- instructions for students
- proctor, if needed

Please contact Nancy Lombardo if you have questions; nancyl@lib.med.utah.edu; 801-581-5241.

Seeing is Believing! Skype VoIP Adds Video: All About vSkype

Sharon E. Dennis, Technology Coordinator
National Networks of Libraries of Medicine
MidContinental Region

Voice over IP (VoIP), also known as *Internet telephony*, is a technology that allows users to have a telephone conversation over the Internet. VoIP applications can be used from a computer or from a stand-alone telephone that plugs into the Internet. For the last year, the staff of the NN/LM MidContinental Region has been using a free VoIP program called *Skype* (*http://www.skype.com*—Skype is pronounced to rhyme with *ripe* and *type*) for daily communications among liaisons spread out over a six-state area. While there are a few limitations and disadvantages to the program, in general the software has worked very well for long-distance communication free from telephone charges. Audio quality is generally excellent and users can make conference calls with up to 5 participants.

The MCR staff also experimented with various videoconferencing programs, and we often wished for a video version of Skype. Recently, our wish came true with the release of *vSkype*, or Video Skype. Although currently in beta, initial experiments with vSkype have had generally good results.

Advantages of the vSkype program include:

- Ability to have a conference call with up to 200 participants
- Ability to use an inexpensive WebCam for the video
- Excellent picture quality
- Very good sound quality; calls have high clarity and very little latency
- Straightforward installation and its free
- vSkype is secure; it uses 128-bit SSL encryption from end to end
- It works with most standard firewall configurations (all traffic uses TCP Port 443, which must be open). vSkype Beta also supports NAT (Network Address Translation) and ICS (Internet Connection Sharing).
- It includes an application sharing program

The vSkype program currently has a few disadvantages:

- The interface for initiating and receiving calls is not immediately intuitive
- The program relies on Skype for audio, but on some computers vSkype requires adjustment of the Skype sound settings
- Since the program relies on Skype, the drawbacks of Skype itself apply: Skype uses the Peer-to-Peer, or *P2P* protocol. While the Skype website assures users that there is absolutely no spyware or adware associated with Skype, it is true that Skype can make your computer a *Supernode* without your permission. This means that from time to time Skype may *hog* bandwidth on your network. This problem can be mitigated by not keeping Skype open on your computer all of the time, but only when you need to actually make a call.
- Audio and video quality can degrade if the Internet is very busy.
- Using the application sharing program can degrade audio and video quality.

While vSkype is not yet a perfect technology, overall its advantages outweigh its limitations. Give it a try, and let us know your experiences! For more information, contact Sharon Dennis; sdennis@lib.med.utah.edu; 801-585-3928.

The above screen shot shows a typical vSkype conference call session

Utah Collaborative Medical Home Project

Mary McFarland, Reference Associate
Spencer S. Eccles Health Sciences Library

Interdisciplinary teamwork among the health disciplines is vital to the quality and efficiency of health care delivery. Health care providers increasingly rely on collaborative approaches—no matter their location, rural, underserved or urban areas. With the completion of the University of Utah's Health Sciences Education Building (HSEB) this summer, opportunities will proliferate for building interdisciplinary teamwork skills among the academic disciplines of medicine, nursing, pharmacy and health. These skills and experiences will translate into improved teamwork in professional practice. One example of inter-disciplinary teamwork is the Utah Collaborative Medical Home Project (UCMHP), which seeks to support the *medical home* model in pediatric primary care, focused on children with special health care needs, utilizing the technology of a Web portal. However, before discussing the MedHome Portal, some definitions and history may be useful.

"Children with Special Health Care Needs (CSHCN) are those who have or are at increased risk for a chronic physical, developmental, behavioral, or emotional condition and who also require health and related services of a type or amount beyond that required by children generally. (McPherson, 1998)* Studies have found the prevalence of children in the United States meeting these criteria as high as 18%. A 1999 study in Utah found 13% of Utah's children met this definition of children with special health care needs."

In the early 1990's, the American Academy of Pediatrics (AAP) defined a *Medical Home* as one that provides children with "accessible, continuous, comprehensive, family centered, coordinated, compassionate and culturally effective care." The UCMHP's MedHome Portal offers information, tools, and resources for primary care physicians to enhance their ability to care for Children with Special Health Care Needs and to provide a Medical Home for all of their patients. As partners in a Medical Home, professionals and parents work together to identify and access the medical and non-medical services needed to help children and their families achieve their maximum potential.

The MedHome Portal is a web-based searchable database and information resource for a number of diagnoses and conditions. Under the direction and leadership of Dr. Chuck Norlin, Division Chief of General Pediatrics at the University of Utah Health Sciences Center, the MedHome Portal is a collaboration of health practitioners, educators, authors, Web developers, and parents seeking to help primary care physicians and their patients and families in understanding and accessing information and community resources and in coordinating services and care.

The Portal is organized into several sections for families and professionals, including clinical diagnoses, guidelines, and tools and topic sections such as *Care Coordination*, *Transitions to Adulthood*, *Education* and *Technology Reviews*.

The MedHome Portal continues to expand its dynamic and interactive partnerships. In September, physicians and providers of Medical Homes in other states will meet to discuss a multi-state collaboration to offer information relevant to a number of different locales.

*All references can be found under the *Links and Bibliography* section of the Medhome Portal at *http://medhomeportal.org*

Hosting MCMLA 2005

The Spencer S. Eccles Health Sciences Library and the Utah Health Sciences Library Consortium are co-sponsoring the Annual Meeting of the Midcontinental Chapter of the Medical Library Association, September 17-20, 2005. The meeting will be held at the University of Utah Conference Center at Fort Douglas with 12 pre-conference continuing education classes being held at the new Health Sciences Education Building. Keynote speaker and Priscilla Mayden lecturer will be Ted Shortliffe, Professor and Chair of the Department of Biomedical Informatics at Columbia University Medical Center. A Reactor Panel will include Joyce Mitchell, Professor and Chair of the Department of Medical Informatics at the University of Utah, Paul Schoenig, Director of the Bernard Becker Medical Library at Washington University in St. Louis and Rosalind Dudden, Director of the Tucker Medical Library at the National Jewish Medical Center in Denver. Other programming includes a panel of hospital librarians who exemplify partnerships in their health care organizations and a group exercise on building the future. The welcome reception is at the Utah Museum of Fine Arts.

Building PubMed Central

To enhance access to published articles resulting from National Institutes of Health-funded research, the NIH Public Access Policy went into effect May 2, 2005. NIH investigators are requested to submit an electronic version of their final, peer-reviewed, accepted-for-publication manuscripts to PubMed Central within twelve months of publication. PubMed Central is the U.S. National Institutes of Health (NIH) free digital archive of biomedical and life sciences journal literature. *http://pubmedcentral.gov*

The Spencer S. Eccles Health Sciences Library would like to support and encourage participation in this effort, and we are now offering to submit manuscripts for faculty via the NIHMS System. Information on NIHMS and links to a detailed FAQ are at *http://www.nihms.nih.gov/*

At the same time, with your permission, we will also place your manuscript in the University of Utah's new Institutional Repository (IR). The IR is an electronic archive designed to provide ongoing open access to University of Utah scholarship. Access will be available to readers around the world, whether or not, they, or their institution, subscribe to the journal in which a publication originally appeared. (See: "Major Developments in Open Access," *IAIMS Newsletter*, Summer 2005, 20(3):5-6.)

For news and more information on Open Access, author services and publications management, see the library's Scholarly Publishing page, *http://library.med.utah.edu/km/scholarcomm.php* or send email to openaccess@lib.med.utah.edu, or call the Reference Desk at 801-581-5534.

IAIMS Newsletter *Deadline and Mailing List*

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)
Assistant Editor: Allyson Mower (amower@lib.med.utah.edu)

The deadline for the Spring 2006 issue of the *IAIMS Newsletter* is Monday, January 2, 2006.

The *IAIMS Newsletter* is available electronically at ***http://library.med.utah.edu/or/iaims/iaims.php***

To receive a copy of the electronic version in PDF format, go to *http://lib.med.utah.edu/mailman/listinfo/iaims*, enter your email address and name (optional), and click on the Subscribe button. You will receive an email stating the newsletter has been published with a link to the pdf copy.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5890
VOICE: 801-585-6744; FAX: 801-581-3632
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Spencer S. Eccles Health Sciences Library Fall Semester 2005 Hours

Hours are subject to change—Call 801-581-8773 for current hours

Fall Semester Hours August 22 to December 16

Monday to Thursday	7:00 A.M-11:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-8:00 P.M.
Sunday	11:00 A.M.-11:00 P.M.

Special Hours: Thanksgiving

Wednesday, November 23	7:00 A.M-8:00 P.M.
Thursday, November 24	Closed
Friday, November 25	8:00 A.M-5:00 P.M.

Extended Hours December 9-11

Fall Semester Break Hours: December 17 to January 1

Monday to Friday	8:00 A.M-5:00 P.M.
Saturday	9:00 A.M-6:00 P.M.
Sunday	Closed
Christmas, December 25	Closed
New Years Day, January 1, 2005	Closed

Regular Spring Semester hours begin Monday, January 2, 2006

The *IAIMS Newsletter* is published three times a year (August, January, May), with one InfoFair Supplement, by the Spencer S. Eccles Health Sciences Library at the University of Utah. The editor is Jeanne Le Ber.
Contact information: phone: 801-585-6744, fax: 801-581-3632,
email: jeannele@lib.med.utah.edu
and URL: http://library.med.utah.edu/

Spencer S. Eccles Health Sciences Library

Accountant	801-581-5267
Acquisitions	801-587-9247
Administration	801-581-8771
Clinical Library	801-581-4685
Education Services	801-585-6744
Gifts to Library	801-587-9247
HEAL	801-585-3928
Hours/Renewals	801-581-8773
Interlibrary Loans	801-581-5282
Outreach	801-587-3493
Public Services	801-581-8772
Reference	801-581-5534
Regional Medical Library	800-338-7657
	801-587-3412
Technical Support	801-581-3691
In State Toll Free	866-581-5534

Spencer F. and Cleone P. Eccles Health Sciences Education Building

Event Scheduling	801-581-8772
HS Bookstore	801-581-8049
The Point Hub	801-213-3500
Technical Support	801-213-3522
HSEB URL	http://hseb.utah.edu

IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Summer 2003 Volume 18 Number 3

Library Seeing Red, Infrared That Is: Cool Tool for Your PDA

The Spencer S. Eccles Health Sciences Library is experimenting with ways for personal digital assistant (PDA) users to interface with the Internet without being dependent on their cradle device and primary computer. One way is through high-speed infrared radio frequencies using Clarinet Systems, the leader in high-speed infrared (wireless) network connectivity for PDA devices. This device allows connectivity for virtually all handheld devices independent of their platform and operating system (OS) through a single access point. In the library, users can beam library brochures, special event notes, library publications such as the *IAIMS Newsletter*, etc. to their PDAs.

Patrons with static IP in their primary computer can now sync to update or send and receive email from their PDA using the device at the library. You may have already seen this technology in use at Utah Transit Authority (UTA) TRAX stations where riders can have the train schedule beamed to their device. The device has the potential to provide course handouts, journal articles, calendars, class announcements, etc.

Stop by and speak to someone at the Public Services Desk for a demonstration. Contact Nancy Lombardo (801-581-5241; nancyl@lib.med.utah.edu) or John (801-581-5534; jbramble@lib.med.utah.edu

Public Library of Science

The Public Library of Science (PLoS) is a nonprofit organization of scientists committed to making the world's scientific and medical literature a public resource (http://www.plos.org/).

The Public Library of Science initiative, an international grass-roots organization of scientists, is launching its first open access journal. *PLoS Biology* will compete head-to head with the leading existing publications in biology, publishing the best peer-reviewed original research articles, timely essays, and other features. PLoS begins accepting papers on May 1, 2003.

The Board of Directors is asking for your support and state that "by signing the PLoS open letter, you helped create this journal and the other PLoS journals that will follow. Let's work together now to make these journals thrive. We need your help to ensure that every scientist in the world knows about *PLoS Biology*. Please join our grass-roots network of PLoS Advocates to spread the word abut PLoS at your institution, and encourage your friends and colleagues at other institutions to do the same."

Visit **http://www.plos.org/cgi-bin/advocates.pl?email=wayne@lib.med.utah.edu** to sign the open letter.

Lead the Next Scientific Revolution

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the first open-access journal from the Public Library of Science

In This Issue

Library Seeing Red, Infrared That Is 1
Public Library of Science 1
Introducing . . . Shona Dippie 2
Utah Consumer Health Information Initiative Funded 2
AgeSource Worldwide 2
Classes for the Bioscientist in a New Format 3
Recent Change in PubMed MeSH Searching 3
Mobile Curriculum: An Opportunity for Collaboration . . . 4
15th Annual Slice of Life Workshop 4
Library Workshops and Classes 5
Classes for the Bioscientist & WRC Classes 5
Next Generation Communication: InfoFair 2003 Summary 6
EndNote Available at Low Cost 6
MLA, ULA and IFLA posters and presentations 7
IAIMS Newsletter Deadline and Mailing List 7
Summer Library Hours and Phone Numbers 8

Introducing . . . Shona Dippie

Metadata Cataloger, HEAL
Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Shona Dippie.

Shona Dippie relocated from Edmonton, Alberta, Canada to Salt Lake City in February after accepting the position of Metadata Cataloger on the Health Education Assets Library (HEAL) project. The HEAL project is funded by the National Science Digital Library (NSDL), an initiative of the National Science Foundation. In collaboration with various partners, HEAL is creating a national repository of free, web-based, digital multimedia teaching materials in the health sciences.

Her responsibilities include cataloging items according to the HEAL metadata schema; assigning Medical Subject Headings (MeSH) to records; and researching the application of the Unified Medical Language System (UMLS) to multimedia material. (Metadata is data about information objects, which uses a standardized structure and vocabulary to facilitate the process of accessing information.)

An Edmonton native, Shona began working at the local public library branch as a student page during high school. As an undergraduate at the University of Alberta, she continued in the field, working as an assistant in reserve readings and then in interlibrary loans.

Having graduated with a Bachelor of Arts in Comparative Literature, Shona returned to the Edmonton Public Library as a circulation assistant in 1997. This position offered the opportunity to gain experience in a range of areas including reference service to diverse communities of users. During this period she completed a number of continuing education courses in communication studies, editing, and library and information studies, prior to entering the Master of Library and Information Studies program at the University of Alberta.

While completing her MLIS, Shona was fortunate to work as a graduate assistant for Dr. Hope A. Olson on various projects related to the representation and organization of information and feminist and post-colonial theory, including the Cultural Construction of Classification project, funded by the Social Sciences and Humanities Research Council of Canada.

Shona is enjoying her introduction to Salt Lake City and the innovative, collaborative environment of the Eccles Library. She looks forward to seeing more of Utah and the rest of the United States, having traveled in Scotland and Turkey.

Utah Consumer Health Information Initiative Funded

The Spencer S. Eccles Health Sciences Library recently received $74,550 in Library Services and Technology Act (LSTA) funding to launch Phase 1 of the Utah Consumer Health Information Initiative. Supported through the federal Institute of Museum and Library Services, these funds are administered through the Utah State Library Division.

The purpose of this initiative is to create a supportive environment for Utah's public libraries and librarians so that they can, in turn, provide top quality consumer health information to all Utah citizens. In order for this far-reaching goal to be accomplished, Eccles Library staff will bring together consumer health information, public health, community organizations and public library professionals to support this multi-phased effort. The aim is to assess librarian and patron needs, form partnerships to create programs and services to fill these needs, evaluate successes and develop sustainable programs to ensure access to quality consumer health information. The entire initiative will include three phases. The current LSTA grant will fund Phase I: Assessment, Partnerships and Program Planning. Phase II: Programs and Services and Phase III: Evaluation and Ongoing Program Development will be supported through future funding.

The Utah Consumer Health Information Initiative will support important assessment as well as the formation of sustaining professional partnerships, an innovative communication model and tailored programs and training modules. In coordinating this initiative, the Eccles Library staff aim to create a successful national model of access to consumer health information through public libraries.

AgeSource Worldwide

AgeSource Worldwide is a new online database produced by AARP. AgeSource Worldwide is searchable free of charge by going to **http://research.aarp.org/general/agesource_home.html** AgeSource Worldwide describes clearinghouses, databases, libraries, directories, statistical resources, bibliographies and reading lists, texts, and Web "metasites" focused on aging or closely allied subjects. The topics covered range from Alzheimer's disease to wills and estate planning. AgeSource Worldwide includes more than 200 information resources in 24 countries, with 125 based in the United States alone.

Most of the information resources are located in North America and Europe. The international usefulness of AgeSource Worldwide is enhanced by having its navigation and help pages also available in French and Spanish. Charlotte Nusberg is the Coordinator for International Information AARP. For more information email AgeSourceWorldwide@aarp.org.

Classes for the Bioscientist in a New Format!

Classes for the Bioscientists resume meeting in June. Nicola Gaedeke, the course instructor, will teach this series of classes from Berlin, Germany. Students taking these classes will attend sessions at the Spencer S. Eccles Health Sciences Library.

So, how will this work?

Nancy Lombardo, in Utah, and Nicola Gaedeke, in Germany, will set up the classroom in the computer lab at Eccles Library using the **Polycom ViaVideo** system. ViaVideo guarantees live video, audio and data sharing in a one-to-one connection. As a student you can hear, see and communicate with the instructor in Germany, while viewing the presentation or participating in a hands-on class at the Eccles Library.

The June-August classes include the following familiar topics

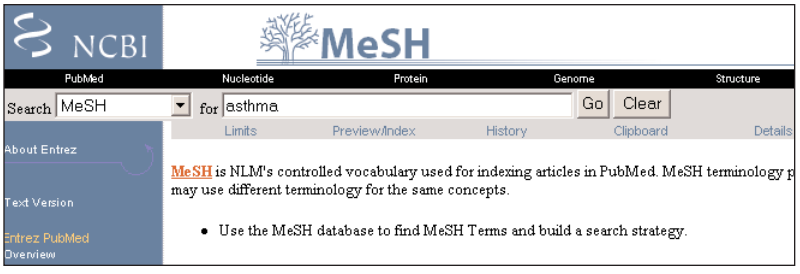
- Information Hubs for Molecular Databases and Analysis Tools
- Similarity Searching using BLAST
- Maps and Mapping of the Human Genome
- Clinical Genetics Resources

A detailed description of the classes can be found at **http://medstat.med.utah.edu/library/edumaterials/eduservices/libclasses.html** Classes on molecular structure viewing, gene variation and expression resources, protein analysis tools or whole genome analysis will be available soon. For example, specific seminars on RNA analysis tools or drug discovery tools can be prepared on request. We will also use this technology to provide seminars of general scientific interest, for example, a comparison between the human and the mouse genome. Please visit the helix helper Web forum at **http://medstat.med.utah.edu/library/helixhelper/index.html** or contact Nicola Gaedeke at ngaedeke@lib.med.utah.edu.

Recent Change in PubMed MeSH Searching

The National Library of Medicine recently made significant changes in the MeSH (Medical Subject Headings) searching mechanism in PubMed. The *MeSH Browser* has been replaced with ***MeSH Database***. After selecting the MeSH Database (accessed from the left PubMed sidebar), enter a search term in the text box, and click the *Go* button. (If the term entered does not match a MeSH term, the system suggests other choices.) On the next page click on the desired term. Then, click the box next to the term, and choose desired subheadings and other qualifying options. To complete building a search with the MeSH term, select *Search box with* and the appropriate Boolean operator (AND, OR, NOT) from the pull-down menu at the bottom of the page, and click the *Send* button. (Be sure to click on the box next to the MeSH term.) This results in a search box with the term and the chosen operator. You may now enter another term in the top text box and click *Go*. Once finished building your search, click the *Search PubMed* button to return to PubMed and initiate the search.

For more detailed information about medical subject headings users can visit **http://www.nlm.nih.gov/mesh/meshhome.html** and click on the link to Online Searching. This MeSH record provides descriptor data that is often helpful to catalogers and others who are interested in the history of the medical subject heading and tree numbers, annotation, scope note, allowable qualifiers and unique identifiers.



Mobile Curriculum: An Opportunity for Collaboration

John Bramble, Reference Librarian
Spencer S. Eccles Health Sciences Library

Mobile curriculum tools allow information to be pushed from faculty-to-students, student-to-faculty, faculty-to-faculty and student-to-student in a manner that is "device agnostic" and not geographically dependent. In other words, as long as students and faculty have access to the Web or a wireless network using a handheld device, they can access course materials and communicate instantly with fellow faculty or students.

For example, arcstream.com (http://www.arcstream.com/home.asp) has developed software that allows faculty to generate and maintain their curriculum via the Web. Some basic features of arcstream.com's software are it allows faculty to:

- send and receive comments and questions from students
- post course materials, quizzes and tests
- check student progress with assigned course work

For PDA users, the handheld acts as a temporary storage and input device until they sync with their main computer.

As another example, Professor Bill Griswold, from the University of California at San Diego, heads the ActiveCampus Project. (http://activecampus.ucsd.edu). His program has successfully integrated the use of PDA technology in the classroom. Funded by a grant, students receive wireless PDAs at the beginning of the semester. Students are required to bring their PDAs to class sessions so that faculty can instantly send, grade and return quizzes. In addition, students can ask questions, ask for clarification, or respond to questions instantly during class via the wireless network. This process is very effective in large auditorium settings and has given new voice to students who might otherwise be intimidated by their peers.

The Spencer S. Eccles Health Sciences Library plans on organizing/facilitating future forums and presentations from educators who are using the technology in the classroom and from hardware and software vendors of mobile curriculum tools.

As this is a collaborative effort, we invite and encourage your participation and input. If you have suggestions for forum or presentation topics discussing mobile curriculum tools, please contact: John Bramble (801-581-5534, jbramble@lib.med.utah.edu) or Nancy Lombardo (801-581-5241, nancyl@lib.med.utah. edu).

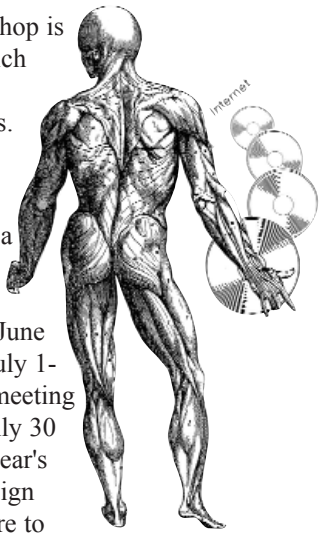
15th Annual Slice of Life Workshop June 24-28, 2003, Philadelphia

Health sciences educators and developers using media and multimedia should not miss this year's *Slice of Life* meeting in Philadelphia. This year's program is hosted by both the University of Pennsylvania and Drexel University Colleges of Medicine. The program with abstracts, as well as the registration form, is at **http://www.slice.gsm.com** Since its initial involvement in the now outmoded videodisc, *Slice of Life*, the Spencer S. Eccles Health Sciences Library has been a sponsor of this meeting.

Each morning's program includes a keynote talk on a variety of subjects from cataloging databases of electronic resources to teaching clinical skills. One of our keynote speakers will focus on evaluating human-computer interfaces on the Web and we will be introduced to a potentially useful multimedia e-book. Afternoon electronic posters and demonstrations on Thursday and Friday include over 65 titles including PDAS, evaluation, and online courses, and their management. Breakout sessions let you query the morning speaker, share your experiences, or be updated on breaking technology.

The annual student software prize will be awarded. If you want to nominate a student see the form on the website. On Tuesday and Wednesday before the main meeting, experts in either hands-on instruction or a computer lecture demonstration will present 22 full or half-day pre-workshops on broad and technical subjects.

Past evaluations show that the single greatest value of the workshop is the small size of the meeting, which permits networking, and in depth exploration of technology projects. Many collaborative projects have gown out of such encounters.



Next year's 2004 meeting will be a progressive meeting in the Netherlands. We will begin with pre-workshops in Amsterdam on June 28-30 and then move to Leiden July 1-3, 2004 for the remainder of the meeting in a charming university town, only 30 minutes away by train. Put next year's dates on your calendar and if foreign travel in not in your budget be sure to attend this year.

Library Workshops and Classes

Tours and Orientations
To schedule call 801-581-5534 or email Mary McFarland at marym@lib.med.utah.edu

Searching MEDLINE on PubMed & Special PubMed Features
Contact instructor to arrange a date and time; Molly Youngkin, 801-587-3493 or email molly@lib.med.utah.edu

Basic Design	**Small PC Lab**
Thursday, August 14, 2003	10:00 A.M.-Noon
Bibliographic Management	
EndNote (version 6)	**Small PC Lab**
Monday, May 19, 2003	9:00 A.M.-11:00 A.M.
Wednesday, June 11, 2003	2:00 P.M.-4:00 P.M.
Tuesday, July 15, 2003	9:00 A.M.-11:00 A.M.
Dreamweaver, Part 1 and 2	**Large PC Lab**
Monday, July 14, 2003	10:00 A.M.-Noon
Tuesday, July 15, 2003	10:00 A.M.-Noon
Excel Essentials, Part 1	**Large PC Lab**
Tuesday, May 20, 2003	11:30 A.M.-1:00 P.M.
Tuesday, July 22, 2003	10:00 A.M.-Noon
Excel Essentials, Part 2	**Large PC Lab**
Wednesday, May 21, 2003	11:30 A.M.-1:00 P.M.
Wednesday, July 23, 2003	10:00 A.M.-Noon
Grant Writing and Research	**Large PC Lab**
Friday, June 6, 2003	9:00 A.M.-11:00 A.M.
Patents and Trademark Searching	**Large PC Lab**
Wednesday, June 25, 2003	10:00 A.M.-Noon
PubMed MEDLINE Basics	**Small PC Lab**
Wednesday, June 25, 2003	10:30 A.M.-NOON
Wednesday, July 30, 2003	10:30 A.M.-NOON
PowerPoint, Basic Presentations	**Large PC Lab**
Wednesday, May 21, 2003	10:30 A.M.-12:30 P.M.
Monday, July 14, 2003	2:00 P.M.-4:00 P.M.
PowerPoint, Advanced Techniques	**Large PC Lab**
Wednesday, May 28, 2003	2:00 P.M.-4:00 P.M.
Monday, July 21, 2003	2:00 P.M.-4:00 P.M.
PowerPoint, Posters	**Large PC Lab**
Tuesday, June 3, 2003	9:00 A.M.-10:00 A.M.
Scanning with Adobe Photoshop	**Small PC Lab**
Monday, June 30, 2003	2:00 P.M.-4:00 P.M.
Statistics for the Health Sciences	**Large PC Lab**
Friday, June 13, 2003	9:00 A.M.-10:00 A.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. For more information see the Eccles Library Web page at **http://medlib.med.utah.edu/library/edumaterials/eduservices/libclasses.html** or please call 801-581-7535 or 801-585-6744.

Classes for the Bioscientist

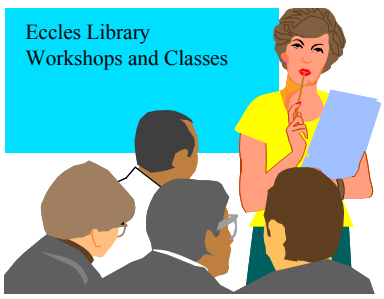
InfoHubs	**Lower Level**
Wednesday, June 18, 2003	1:30 P.M.-3:30 P.M.
Wednesday, July 2, 2003	1:30 P.M.-3:30 P.M.
Friday, August 15, 2003	1:30 P.M.-3:30 P.M.
BLAST	**Lower Level**
Friday, June 20, 2003	1:30 P.M.-3:30 P.M.
Wednesday, July 9, 2003	1:30 P.M.-3:30 P.M.
Monday, August 18, 2003	1:30 P.M.-3:30 P.M.
Maps and Mapping	**Lower Level**
Wednesday, June 25, 2003	1:30 P.M.-3:30 P.M.
Wednesday, July 16, 2003	1:30 P.M.-3:30 P.M.
Wednesday, August 20, 2003	1:30 P.M.-3:30 P.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. For more information see the Eccles Library Web page at **http://medlib.med.utah.edu/library/edumaterials/eduservices/libclasses.html** or please call 801-581-7535 or 801-585-6744.

Web Resource Center Classes

HTML, Part 1	**Large PC Lab**
Friday, June 20, 2003	9:00 A.M.-11:00 A.M.
Thursday, June 26, 2003	10:00 A.M.-Noon
Friday, July 11, 2003	1:00 P.M.-3:00 P.M.
HTML, Part 2	**Large PC Lab**
Wednesday, July 2, 2003	9:00 A.M.-11:00 A.M.
Friday, July 18, 2003	9:30 A.M.-11:30 A.M.
Tuesday, July 22, 2003	2:00 P.M.-4:00 P.M.
HTML, Part 3	**Large PC Lab**
Tuesday, July 15, 2003	1:30 P.M.-3:30 P.M.
Friday, August 1, 2003	9:00 A.M.-11:00 A.M.
Thursday, August 7, 2003	10:00 A.M.-Noon

Attendees must be able to use a PC Windows environment and be comfortable browsing the Web. Course descriptions are provided under the *HTML Series* link at **http://uuhsc.utah.edu/wrc/community/classes/** To register online click on the link to *Registration Form* at the same URL. It is suggested that students sign up for one session from Part 1, Part 2 and Part 3.



Next Generation Communication InfoFair 2003 Summary

InfoFair 2003 featured Mary M. Case, Director, Office of Scholarly Communication, Association of Research Libraries, as the keynote speaker. Ms. Case spoke about why the choices authors make when publishing matter.

Ms. Case began her presentation by quoting Donald N. Langenberg, who stated that "... much of the power of science ... derives from the steadfast commitment to free and unfettered communication of information and knowledge ... Information technology is of truly enormous importance to the research community, and hence to all humanity, precisely because it has the potential to enhance communication of information and knowledge within that community by orders of magnitude." Though her address, Ms. Case made the point that judicious assignment of copyright by authors can help change the current copyright system which at times can hinder the flow of information.

The Meet the Experts panel discussion, moderated by Wayne Peay, followed Ms. Case's remarks. Raymond F. Gesteland, Ph.D., Sarah C. Michalak and Richard J. Sperry, M.D., Ph.D. joined Mary and Wayne in illuminating the various issues related to scholarly publishing, copyright and open access to publications.

For the first afternoon session, William Griswold talked about his ActiveClass project at the University of California at San Diego. Attendees experienced a hands-on demonstration of how wireless technology can enhance the classroom. This program was moderated by Nancy Lombardo and John Bramble.

For the second afternoon session, Mary Youngkin led a panel discussion on Utahns in the Publishing Picture. Glenn Herrick, Ph.D., Margaret M. Landesman, Janet E. Lindsley, Ph.D. and Thomas N. Parks, Ph.D. each talked about their experiences with traditional and online publishing.

For further information, PowerPoint slides and real-video of the various sessions is linked from the InfoFair 2003 website at **http://medstat.med. utah.edu/infofair/infofair2003/** Follow the links to Schedule and Presenters and Panelists.

Janet Lindsley and Margaret Landesman: Utahns in the Publishing Picture panelists

EndNote *Available at Low Cost*

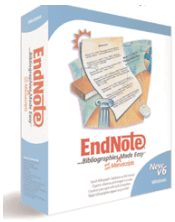
Researchers, scholarly writers, students, and librarians use EndNote software to search online bibliographic databases, organize their references and images, and create bibliographies and figure lists instantly. EndNote version 6 for Windows and Macintosh is a valuable all-in-one tool that integrates the following tasks into one program:

- Search bibliographic databases on the Internet
- Organize references and images in a database
- Construct a paper with built-in manuscript templates
- Watch the bibliography and figure list appear as you write!

EndNote 6.0 smartly advances research and publishing by organizing images with text, and by providing built-in Microsoft® Word templates for a variety of journals. Long known for Bibliographies Made Easy, EndNote 6 now defines Manuscripts Made Easy.

The University of Utah has a software license for EndNote. This license, available to University of Utah faculty, staff and graduate students, offers a substantial discount. Depending on how you pay for the software, and if you provide your own CD disk, the cost for this yearly subscription ranges from $21-27.

Contact the Office of Software Licensing at 801-585-0675 or **http://www.osl.utah.edu** to learn more about this deal. EndNote classes are taught at the Spencer S. Eccles Health Sciences Library (see page 5); for more information about the product visit **http://www.endnote.com**



Eccles Library Personnel Changes

Shona Dippie has joined the Eccles Library as the Metadata Catalog for HEAL (Health Education Assets Library). See her Introducing column on page 2.

Wanda Ramos has separated from the Eccles Library, leaving the position of Financial Analysis.

Doug Weber has been hired by the Eccles Library as a programmer for the MedHome Project.

Yusup Ulimov has been hired as a full-time Computer Technician.

Catch the Wave at MLA 2003

The Medical Library Association's 2003 annual conference was held in San Diego, May 2-7. Responding to the program's theme, *Catch the Wave*, Spencer S. Eccles Health Sciences Library librarians, faculty and staff participated with six posters and four program presentations. For a complete description of our posters and programs visit our website at **http://medlib.med.utah.edu/library/aboutus/libraryMLA2003.html**

MLA Posters

Sharon E. Dennis, Sebastian Uijtdehaage, Chris Candler and Sandra McIntyre
- Building an international multimedia digital library

Jeanne M. Le Ber, Nancy T. Lombardo, John Bramble, Alice Weber and Juliana Szakacs
- Load Up the Woody: Portable Classroom Leads to Partnership

Jeanne M. Le Ber and Susan Roberts
- Riding the Wave to Powerful Poster Presentations

Suzanne S. Stensaas, Derek Cowan, Jeremy M. Smith and Larry J. Stensaas
- Guaranteeing Access to a Unique Resource: Publishing a Brain Atlas in a Nontraditional Format

Mary E. Youngkin, John Bramble, Jeanne M. Le Ber, Susan Roberts, Clair Hamasu, and Joan Stoddart
- Surf's Up and So Are the Fences! Providing Access to Health Sciences Information from Inside an Olympic Security Zone

Molly A. Youngkin and Claire Hamasu
- Hanging Ten with Public Libraries: Health Information Services to the State

MLA Presentations

Sharon Dennis, Sebastian Uijtdehaage, Chris Candler and Sandra McIntyre
- Building a Federation of Partners to Create a National Multimedia Digital Library

Patricia A. Auflick, Catherine Burroughs, Elaine Graham, **Claire Hamasu**, Molly McGetrick, Sharon A. Lezotte, Angela B. Ruffin, Ph.D., Stephanie Weldon
- Tribal Collaborations

Nancy T. Lombardo, Wayne J. Peay and Derek Cowan
- Digital Video Broadcasting: Plug and Play … Not Quite Yet!

Nancy T. Lombardo, Wayne J. Peay and John Bramble
- Library Leads Coordination of Campus Approach to Wireless Networking: Technology's Not the Problem!

69th International Federation of Library Associations Meeting

IFLA Poster

Nicola Gaedeke
- NCBI Advanced Workshop for Bioinformatics Information Specialists: An educational collaboration

Catch the Big Information Fish @ Your Library at ULA 2003

The Utah Library Association's 2003 annual conference was held in Salt Lake City, May 7-9. Spencer S. Eccles Health Sciences Library librarians participated with posters and presentations.

ULA Posters:

Jeanne M. Le Ber
- Stressed Is Desserts Spelled Backwards

Jeanne M. Le Ber, Nancy T. Lombardo, John Bramble, Alice Weber and Juliana Szakacs
- Portable Classroom Leads to Partnership

ULA Presentations

Wayne Peay, Nancy T. Lombardo, Jeanne M. Le Ber and John Bramble
- Next Generation Library: panel and discussion

Nancy T. Lombardo and Erica Lake
- REI: Really Energetic Information!

Dawn Carroll, Erica Lake, **Nancy Lombardo**, Lori Neilson
- Who was that Masked One? Special Libraries in Utah

Kathleen McCloskey
- NIH Senior Health

IAIMS Newsletter *Deadline and Mailing List*

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)
Assistant Editor: Bonnie Fox (bfox@lib.med.utah.edu)

The deadline for the Fall 2003 issue of the *IAIMS Newsletter* is Monday, August 11, 2003.

The *IAIMS Newsletter* is available electronically at **http://medlib.med.utah.edu/library/edumaterials/iaims/iaims.html**

To receive a copy of the electronic version in PDF format, send an email message to: maiser@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5890
VOICE: 801-585-6744; FAX: 801-581-3632
EMAIL: jeannele@lib.med.utah.edu

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The Spencer S. Eccles Health Sciences Library

Summer Semester 2003 Hours

Hours are subject to change—Call 801-581-8773 for current hours

April 28 to May 31	
Monday to Thursday	7:00 A.M-11:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-8:00 P.M.
Sunday	11:00 A.M-11:00 P.M.
June 1 to August 18	
Monday to Thursday	7:00 A.M-10:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-6:00 P.M.
Sunday	Noon-6:00 P.M.
Special hours:	
Memorial Day, Monday, May 26	7:00 A.M-10:00 P.M.
Friday, July 4	Closed
Thursday, July 24	Closed

Regular Fall Semester hours resume August 18, 2003

Phone Numbers

Acquisitions	801-587-9247
Administration	801-581-8771
Hours/Renewals	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4685
Gifts to Library	801-587-9247
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Media Services	801-581-8052
Outreach	801-587-3493
Regional Medical Library	800-338-7657
	801-587-3412
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

The *IAIMS Newsletter* is published 3 times a year (August, January, May), with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah
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URL: http://medlib.med.utah.edu/

IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Fall 2003 Volume 19 Number 1

Library and Information Technology Forum Fall Schedule

The Spencer S. Eccles Health Sciences Library sponsors a series of brown bag seminars related to library and information technologies. The Library and Information Technology Forum is generally held the second Wednesday of the month in Classroom C in the School of Medicine from 12:05 until 1:00 P.M. Sessions provide an opportunity for faculty, staff and students to learn about new computer technologies and electronic information sources. Visit our website linked from Educational Materials.

The October 8 LIFT Forum, *New Technologies for the Health Sciences Education Building*, will be presented by Wayne Peay and Teri Olson. The new Health Sciences Education Building is scheduled to be completed in May 2005. The building will serve the student population of the School of Medicine, Colleges of Health, Nursing, Pharmacy, and the Eccles Health Sciences Library as a core interdisciplinary education building. Wayne and Terri will address the use of technology in the building.

Forum Schedule: Classroom C from 12:05 to 1:00 P.M.

- October 8—Wayne Peay and Teri Olson; *New Technologies for the Health Sciences Education Building*
- November 12—Barry Timms, *Tablet PC in the Classroom*
- December 3—Nancy Lombardo, Valeri Craigle and Kathleen Digre; *NANOS Project*

Priscilla Mayden Lecture
Tuesday, October 21 from 10:30-11:30
in the Genetics Auditorum, features
William Hersch from Oregon Health Sciences University.

The Librarian Is In! Virtual Reference Service in Utah

Are you a distance ed student or unable to get to the library to pursue your research? Tired of traffic and construction and parking woes? You can still get expert advice and explore new online resources along with health sciences and academic librarians from across the country via 24/7—virtual reference services.

Live Reference

24/7—Software

The 24/7—Software allows remote patrons to

- request help from a reference librarian via chat
- receive answers and suggested sources
- be guided through the research process
- share Web pages
- get an emailed transcript of the chat and Web page links

No software needs to be downloaded on the patron side.

Health Sciences Live Reference

"In May 2002, the Denison Memorial Library at the University of Colorado Health Sciences Center and the J. Otto Lottes Health Sciences Library at the University of Missouri-Columbia, with funding from the National Network of Libraries of Medicine-MidContinental Region, embarked on a collaborative, real-time reference project using the 24/7 Reference, Inc., software package." (Parker, SK, Johnson ED. The Region 4 collaborative virtual reference project. *Med Ref Serv Q*. 2003 Summer;22(2):29-39.)

Early in 2003, the Spencer S. Eccles Health Sciences Library joined the founding members in providing virtual reference service to the health sciences community from 8:00 A.M. to 5:00 P.M. Mountain Time.

continued on page 7, see 24/7

In This Issue

Library and Information Technology Forum Fall Schedule 1
The Librarian Is In! Virtual Reference Service in Utah . . . 1
Introducing . . . Sally Patrick 2
Access Point Library: Media-Information-Culture 2
Neuro-Ophthalmology Virtual Education Library 3
For Seniors and Those Who Care About Them! 3
AIDS Resource Library Available & Personnel Changes . . 3
New Study on Internet Use Released 4
Public Library of Science & PubMed on Tap 4
Library Workshops and Classes 5
Classes for the Bioscientist & WRC Classes 5
Interlibrary Loan Changes & New Videocassettes 6
HEAL Collection Expands 6
PubMed/LinkOut Update: Icons and Access 7
IAIMS Newsletter Deadline and Mailing List 7
Fall Library Hours and Phone Numbers 8

Introducing . . . Sally Patrick

Public Library Project Coordinator
Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Sally Patrick.

Sally Patrick joined the Spencer S. Eccles Health Sciences Library faculty in July of 2003 in order to carry out the outreach mission of the newly funded Utah Consumer Health Information Initiative. This collaborative project affords her the opportunity to blend her background in public libraries with her passion for the sharing of information in a democratic society in order to advocate for citizens seeking critical consumer health information. Currently Sally also serves as the public library consultant for the MidContinental region of the National Network of Libraries of Medicine coordinated through Eccles Library. Her duel role highlights the region's commitment to consumer health information in public libraries within the expanded six state region. Cool opportunities for a child of the "sixties'!"

Sally received a B.A. in Sociology and Social Work from Baylor University in 1970 and an M.L.S. from Syracuse University in 1976. Her professional experiences and teaching have focused on community information, needs assessment and the tailoring of library services and resources for all patrons. She is a distance education adjunct faculty member at Emporia State University's (Kansas) School of Library and Information Management and Weber State University (Utah). Sally learned the library ropes at the Salt Lake City Public Library, serving as department manager of Information/Humanities, Community Relations, Administrative Services, Training and finally as Assistant Director. Sally was Library Director of the Peabody Institute Library in Danvers, Massachusetts for a few wayward years away from the West. She also co-owned and operated INQUIRY: The Information Service, an information-brokering firm in Utah. Sally discovered years ago that she really loves people better than library records, having begun her career as a cataloger/ serials assistant at the Rice University Library in Houston, Texas.

Believing that collaboration is the key to linking cultures and sharing information, Sally has experienced a number of international adventures that have been both personally and professionally rewarding. A month-long trip to Botswana in 1989 gave her a Peace-Corp vantage of the Bushmen, the Okavango Delta and Chobe Game Park. In 1995 she participated with an international service group named Choice Humanitarian in building houses for Tibetans in Bir, India. During that trip she had a chance meeting with a 15-year-old Tibetan refugee at the local orphanage (TCV-Tibetan Children's Village). Today Kunchok and Sally continue to correspond frequently via e-mail and through her support he is in his second year of college in New Delhi.

A native of New Jersey, Sally migrated West in the late 1970's and does not intend to leave the land of awesome mountains, broad landscapes, open skies, flowing trout streams and best of all-no humidity! Besides libraries, library education and the power of information, she is passionate about quality friendships, good wine, travel, gardening, free speech and an open mind, sunshine, fly-fishing, road trips, powder days and her tiny family-husband Chris, daughter Sarah and labradors Gert and Gracie.

Access Point Library: Media-Information-Culture

Nicola Gaedeke, Adjunct Faculty,
Spencer S. Eccles Health Sciences Library

From August 1-9, 2003, more than 3,000 librarians and library employees from around the world met in Berlin, Germany, under the patronage of the International Federation of Library Associations and Institutions, IFLA, to exchange ideas, and to learn about new library services and products. (Visit http://www.ifla.org/IV/ifla69/index.htm)

Due to the rapid development of new media and technology, libraries are undergoing vast changes. Attendees discussed themes ranging from "Preservation and Conservation," to "Children's Libraries Networking for the Culture." Health and biosciences libraries and science technology libraries were discussed under the focus point of "Bioinformatics—an Evolution of Two Decades."

The message was clear that libraries can only survive when serving a dual function in our society. The traditional role of preservation of knowledge has to continue to ensure culture. The flow of information has to be mediated to strengthen information content so that we do not languish as an information society, but develop into a knowledge society. Libraries are taking up the challenge and are succeeding in preserving the past, learning from the present, and preparing to cope with different ways of accessing and handling information in the future.

IFLA attendees took the opportunity to visit many of Berlin's fine libraries. Participants could choose from a long list that included public, academic, research, special, governmental and law, and medical libraries.

Along with lots of interesting sessions on all aspects of library services, technology, and society, the warm summer weather contributed to an inspiring meeting and the opportunity to learn more about media, information and culture.

Neuro-Ophthalmology Virtual Education Library

The Spencer S. Eccles Health Sciences Library will begin work on a new virtual library project, digitizing and archiving neuro-ophthalmology materials with the recent award of a three year Information Systems Grant from the National Library of Medicine. Nancy Lombardo, Systems Librarian, is the Principal Investigator on the grant, with two co-investigators, Kathleen Digre, M.D., University of Utah and Larry Frohman, M.D., New Jersey Medical School. The project aims to digitize significant collections of slides, video, and other media pertaining to neuro-ophthalmology and make them available to educational users via the Web.

The project is a collaborative effort between the Eccles Library and the North American Neuro-Ophthalmology Society (NANOS) and has been seeded with the collections of two prominent neuro-ophthalmolgists. William F. Hoyt, M.D., University of California at San Francisco has contributed his extensive collection of slides, accumulated throughout his career, spanning more than 40 years in the field. Shirley H. Wray, M.D., Ph.D., Harvard University, has contributed her collection of patient videos, covering a wide range of neuro-visual disorder cases. Material from existing collections and from individual faculty around the world will be solicited to create a comprehensive collection covering the major subject areas within the discipline.

Materials will ultimately be added to the Health Education Assets Library (HEAL),which is a national multimedia database of health sciences multimedia materials. The NOVEL collection will also be accessible via a website, where users will be able to browse by subject, collection, or case. The Web Education Committee of NANOS will be organizing the peer review process to ensure that the materials included are of the highest caliber. Understanding of the processes and movement involved in any given case will be enhanced by creation of carefully constructed supplemental animations.

All material will be indexed with metadata conforming to the standard set of fields in the Dublin Core, with extensions as defined in the HEAL database. Metadata will be collected from the content expert (contributing neuro-ophthalmologist) for all material. Eccles librarians and NANOS members will be working on creating a controlled vocabulary to allow consistent search retrieval from the database. This organized and indexed collection will be a valuable asset to neuro-ophthalmology educators, students and patients.

Watch the Eccles Library website for news of the progress on the project. There is currently a database prototype at: http://content.lib.utah.edu/cgi-bin/browseclient.exe (select EHSL - William F. Hoyt Neuro-Ophthalmology Collection from the pull down menu). A website prototype can be viewed at: http://medstat.med.utah.edu/neuroophth/Hoyt

For Seniors and Those Who Care About Them!

The Spencer S. Eccles Health Sciences Library has collaborated with Scott Wright, Ph.D., and the College of Nursing's Gerontology Center to make available The Durkson Family Elder Care Collection. Supported by a generous donation from Peter Durkson, more than 200 titles and links are available to Information and Resources (http://uuhsc.utah.edu/eldercare/) provided by the Gerontology Center. The print collection is located near the Consumer Health collection on the main floor of the Eccles Library. The library's catalog can also be searched for this collection; in Advanced search, type *Durkson* in the General Keyword (Comprehensive) text box. The Durkson collection includes general information, help and support for caregivers, stories and information to help children and families deal with difficult issues of Elder Care and more. Keep an eye on this collection and its continual enhancement as it becomes one of the premier Elder Care collections in the nation. Contact Alice Weber (aweber@lib.med.utah.edu) for more information.

AIDS Resource Library Available

The Utah AIDS Foundation (UAF) is working with the Spencer S. Eccles Health Sciences Library to establish a Resource Library and website to bring important information about HIV and AIDS to the citizens of Utah. The Resource Library includes books, journals, and videos. The website (http://www.utahaids.org/) provides links to many nationally and internationally recognized sites as well as locally provided content. Some information is available in Spanish. These materials can be searched via the UAF library page or Eccles Library's catalog. Eccles Library and the Utah AIDS Foundation have a reciprocal agreement that makes these materials available to the University of Utah community via Interlibrary Loans. Contact Alice Weber (aweber@lib.med.utah. edu) for more information.

Eccles Library Personnel Changes

Joan Gregory returns full-time to Head of Technical Services, September 1, after serving one-year as Acting Deputy Director.

Amber Molyneaux has accepted the Financial Analysis position and starts on August 25, replacing **Wanda Ramos** who resigned.

Joan Stoddart returns to the Eccles Library as Deputy Director, September 1, after one-year as Acting Head of Public Services at the J. Willard Marriott Library.

Jeff Weiler has resigned as Computer Professional in Systems.

New Study on Internet Use Released

Liz Workman, Clinical Librarian
Hope Fox Eccles Clinical Library

A recent Pew report reveals new details on Internet use by American health consumers. The report, *Internet Health Resources: Health Searches and Email Have Become More Commonplace, But There is Room for Improvement in Searches and Overall Internet Access,* (available at http://www.pewinternet.org) randomly polled Americans across the United States in search of Internet use trends in consumer health information.

In this recent study, research associates found that 81% of adult American Internet users have searched the Web to find information on at least one specific health topic. This is a substantial increase from 54% of American adults with Internet access, as found in a similar report Pew issued in November 2000. In this recent report, which compares Internet searching behavior for 16 given health topics, 63% of adult users had sought specific disease or medical problem information online. Other popular topics included certain medical treatment or procedure (47%); diet, nutrition, vitamins or nutritional supplements (44%); and exercise or fitness (36%).

This recent Pew report disputes two other studies, one from the Center for Studying Health System Change and the other from Stanford, that estimated Internet use for health information to be significantly lower. The Pew group expanded their study's range by asking respondents if they "had ever" searched the Internet for a specific health topic. They credit their results to this aspect of the study's design.

This latest Pew study is significant for healthcare providers, information providers, and consumers alike. The Pew group discovered a reciprocal relationship between consumers' behavior in seeking online health information and visiting a medical professional. Each activity encouraged consumers to engage in the other. Several respondents felt that preliminary online research enabled them to ask their doctors important questions, and otherwise better prepared them for appointments with their providers. The study further highlights opportunities for librarians in serving this rapidly growing consumer population. Only 25% of those searching for online health information checked the authority and currency of retrieved information. Librarians can assist consumers in finding credible health information by applying set criteria (such as authority and currency), or by steering Internet users to sources like MEDLINEplus (http://www.medlineplus.gov), which pre-evaluates information.

Pew Internet & American Life

Public Library of Science Wants You!

PLOS

Public Library of Science (PLoS) is a non-profit organization of scientists and physicians committed to making the world's scientific and medical literature a freely available public resource. The Internet and electronic publishing enable the creation of public libraries of science containing the full-text and data of any published research article, available free of charge to anyone, anywhere in the world. Immediate unrestricted access to scientific ideas, methods, results, and conclusions will speed the progress of science and medicine, and will more directly bring the benefits of research to the public.

To realize this potential, a new business model for scientific publishing is required that treats the costs of publication as the final integral step of the funding of a research project. To demonstrate that this publishing model will be successful for the publication of the very best research, PLoS will publish its own journals. *PLoS Biology* is accepting submissions now, and the first issue will appear in print and online in October 2003. *PLoS Medicine* will follow in 2004.

PLoS is working with scientists, their societies, funding agencies, and other publishers to pursue our broader goal of ensuring an open-access home for every published article and to develop tools to make the literature useful to scientists and the public. Visit http://www.publiclibraryofscience.org/

PubMed on Tap

The Communications Engineering Branch (CEB) of the National Library of Medicine, is a developing PubMed on Tap, an application targeted at mobile health care professionals. The goal of the project is to discover and implement design principles that will facilitate practitioners' access to medical information at the point of service. Currently the application supports retrieval of MEDLINE® citations from a PDA through a wireless connection to the Internet. PubMed on Tap search options include several PubMed search limits, and other features, such as Related Articles link. Selection of features to be implemented will be strongly influenced by users' opinions. If you or a colleague has a Palm PDA and access to a wireless LAN, please consider evaluating PubMed on Tap for CEB. For more information, or to register and download the PDA application visit http://archive.nlm.nih.gov/proj/pmot/pmot.php Other links at the PubMed on Tap website include documentation as a PDF or MSWord file, and the PubMed on Tap Forum.

Library Workshops and Classes

Tours and Orientations
To schedule call 801-581-5534 or email Mary McFarland at marym@lib.med.utah.edu

Access	**Large PC Lab**
To be announced	
Basic Design	**Small PC Lab**
To be announced	
Bibliographic Management	
EndNote (version 7)	**Small PC Lab**
Monday, September 22, 2003	2:00 P.M.-4:00 P.M.
Friday, October 3, 2003	9:00 A.M.-11:00 A.M.
Monday, October 13, 2003	2:00 P.M.-4:00 P.M.
Friday, October 31, 2003	2:00 P.M.-4:00 P.M.
Tuesday, November 11, 2003	9:00 A.M.-11:00 A.M.
Dreamweaver, Part 1 and 2	**Large PC Lab**
To be announced	
Excel Essentials, Part 1	**Large PC Lab**
To be announced	
Excel Essentials, Part 2	**Large PC Lab**
To be announced	
Full Text Databases	**Small PC Lab**
Tuesday, October 7, 2003	9:00 A.M.-10:30 A.M.
Grant Writing and Research	**Large PC Lab**
Friday, September 12, 2003	9:00 A.M.-11:00 A.M.
Wednesday, September 24, 2003	9:00 A.M.-11:00 A.M.
Patents and Trademark Searching	**Large PC Lab**
Friday, September 26	10:00 A.M.-Noon
PowerPoint, Basic Presentations	**Large PC Lab**
Friday, September 19, 2003	2:00 P.M.-4:00 P.M.
Tuesday, September 30, 2003	9:00 A.M.-11:00 A.M
Friday, October 10, 2003	9:00 A.M.-11:00 A.M
Monday, October 20, 2003	2:00 P.M.-4:00 P.M.
PowerPoint, Advanced Techniques	**Large PC Lab**
Monday, October 6, 2003	2:00 P.M.-4:00 P.M.
Monday, November 3, 2003	2:00 P.M.-4:00 P.M.
Monday, November 17, 2003	9:00 A.M.-11:00 A.M
PowerPoint, Animation	**Large PC Lab**
To be announced	
PowerPoint, Posters	**Large PC Lab**
Monday, October 6, 2003	9:00 A.M.-10:00 A.M.
Monday, November 10, 2003	3:00 P.M.-4:00 P.M.
PubMed MEDLINE Basics	**Small PC Lab**
Tuesday, September 23, 2003	9:00 A.M.-11:00 A.M.
Monday, October 6, 2003	10:00 A.M.-NOON
Monday, October 27, 2003	3:00 P.M.-5:00 P.M.
Monday, November 3, 2003	10:00 A.M.-NOON
Tuesday, November 25, 2003	9:00 A.M.-11:00 A.M.
Wednesday, December 10, 2003	10:00 A.M.-NOON
Scanning with Adobe Photoshop	**Small PC Lab**
Tuesday, October 28, 2003	9:00 A.M.-11:00 A.M
Tuesday, November 4, 2003	9:00 A.M.-11:00 A.M
Statistics for the Health Sciences	**Large PC Lab**
Friday, September 19, 2003	9:00 A.M.-10:00 A.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. For more information see the Eccles Library Web page at **http://medlib.med.utah.edu/library/edumaterials/eduservices/libclasses.html** or please call 801-581-7535 or 801-585-6744.

Classes for the Bioscientist

InfoHubs	**Lower Level**
To be announced	
BLAST	**Lower Level**
To be announced	
Maps and Mapping	**Lower Level**
To be announced	

Classes are held at the Spencer S. Eccles Health Sciences Library. Registration is required for all classes. For more information see the Eccles Library Web page at **http://medlib.med.utah.edu/library/edumaterials/eduservices/libclasses.html** or please call 801-581-7535 or 801-585-6744.

Web Resource Center Classes

HTML, Part 1	**Large PC Lab**
Thursday, September 25, 2003	9:30 A.M.-11:30 A.M.
Friday, October 3, 2003	1:00 P.M.-3:00 P.M.
Tuesday, October 21, 2003	10:00 A.M.-Noon
HTML, Part 2	**Large PC Lab**
Tuesday, October 7, 2003	10:00 A.M.-Noon.
Friday, October 24, 2003	9:00 A.M.-11:00 A.M.
Wednesday, October 29, 2003	1:00 P.M.-3:00 P.M.
HTML, Part 3	**Large PC Lab**
Thursday, October 16, 2003	9:00 A.M.-11:00 A.M.
Thursday, October 30, 2003	1:30 P.M.-3:30 P.M.
Wednesday, November 5, 2003	10:00 A.M.-Noon

Attendees must be able to use a PC Windows environment and be comfortable browsing the Web. Course descriptions are provided under the *HTML Series* link at **http://uuhsc.utah.edu/wrc/community/classes/** To register online click on the link to *Registration Form* at the same URL. It is suggested that students sign up for one session from Part 1, Part 2 and Part 3.

Interlibrary Loan Changes

The Spencer S. Eccles Health Sciences Library has a new online method for ordering articles and other materials. **ILLiad** utilizes a personalized login for ordering and tracking requested documents, books, chapters, dissertations, etc. ILLiad (Interlibrary Loan Access Database) requires a one-time registration. To place subsequent orders, just log in with the user name and password you created when you completed the online registration. ILLiad can be found on the "Requests & Orders" page, which is under the "Services" link on the library's home page at http://medlib.med.utah.edu/ or the Web address for ILLiad is http://216.54.57.176/illiad/uue/logon.html

ILLiad expedites your order thereby reducing delivery time. Many people choose Electronic Delivery (usually in PDF format delivered via email, U.S. mail, campus mail or delivery to offices at the University of Utah Health Sciences Center). After logging into ILLiad, you can monitor the status of your orders, view your history of requests, edit accounts to add or remove billing information, modify your user information and more.

With ILLiad, library staff will direct and send requests with greater efficiency. We will be able to gather statistical information about the performance of other libraries that lend to us, enabling us to make decisions for quickest delivery.

As with all personalized applications on the Web, especially when using public computers, remember to 1) logout using the "Exit ILLiad" link; 2) delete the History files (this prevents the "Back" button from accessing your personalized Web pages,); and 3) close the Web browser (Internet Explorer, Netscape, etc.)

For problems with or questions about ILLiad or our document delivery services please contact the Interlibrary Loans Department by email: ill@lib.med.utah.edu or phone: 801-581-5282. We welcome your feedback.

New Videocassettes Available

The Spencer S. Eccles Health Sciences Library has recently acquired a number of vidoecassettes, including some NCME programs. Title received by the library include the following:

VT3 2002-40	Critical Pathways in Acute Coronary Syndromes
VT3 2003-10	Recognizing Physical and Sexual Abuse of Children
VT3 2003-11	Osteoporosis: Individualizing Consultations
VT3 2003-12	Treatment of Hyperlipidemia: Expanding the Horizon of Prevention
VT3 2003-18	Menopause Management: A Multidisciplinary Team Approach
VT3 2003-19	The Educated Caregiver: Coping Skills
VT3 2003-20	The Educated Caregiver: Hands-On Skills
VT3 2003-21	The Educated Caregiver: Essential Knowledge
VT3 2003-22	The Family Guide to Long-Term Care: Getting Started
VT3 2003-23	The Family Guide to Long-Term Care: Making the Right Choice
VT3 2003-26	Mosquito-Borne Viral Diseases
VT3 2003-27	Approach to Diabetes Mellitus 2003
VT3 2003-30	Hypertension Update
VT3 2003-32	Is Your Emergency Department Prepared for a Nuclear Biological Chemical Attack?

Tapes and DVDs can be viewed and/or checked out at the Public Services desk on the main level of the Eccles Library. Any questions you have about NCME videos or other multimedia materials can be directed to Nancy Litz at 801-581-8052 or nelitz@lib.med.utah.edu.

HEAL Collection Expands with the MEDLINEplus Interactive Health Tutorials

Shona Dippie, Metadata Cataloger, HEAL
Spencer S. Eccles Health Sciences Library

The MEDLINEplus Interactive Health Tutorials were recently added to the Health Education Assets Library (HEAL) collection. These well-known tutorials from the National Library of Medicine, designed and developed by the Patient Education Institute, are Flash-based animations that explain a wide variety of health procedures and conditions in easy-to-read language.

The vision of HEAL is to create a premier national digital library for all levels of health sciences education by providing free and easy access to a large number of high-quality educational materials. Currently, the HEAL collection is a prototype and is comprised of a limited set of images. Eventually, the core collection of HEAL will consist of thousands of high-quality multimedia items, such as images, videos, and animations, covering a wide scope of health educational topics, including anatomy, pathology, neurology, and radiology. In the future, HEAL's database will be able to include other types of educational resources such as cases and test items. HEAL's collection will also incorporate more materials that support patient and consumer health education.

HEAL is a multi-institutional, collaborative project funded by the National Science Foundation's National Science Digital Library initiative and the National Library of Medicine. Sharon Dennis, M.S., from the Spencer S. Eccles Health Sciences Library at the University of Utah; Sebastian Uijtdehaage, Ph.D., from the David Geffen School of Medicine at UCLA; and Chris Candler, M.D., from the University of Oklahoma School of Medicine are the co-directors of the project.

More information about the HEAL Project, as well as free access to the multimedia collections, is available at http://www.healcentral.org We look forward to your feedback as we continue to improve this resource.

PubMed/LinkOut Update: Icons and Access

Mary Youngkin, Public Services Librarian
Spencer S. Eccles Health Sciences Library

The National Library of Medicine (NLM) provides links from its PubMed MEDLINE database to the full-text of 4023 journals via its LinkOut service.

Two new icons have been added to the "summary" PubMed display to indicate access to online articles:

1. Free full-text article available
2. Full-text article on PubMed Central, NLM's open archive of full-text content.

In addition, University of Utah affiliates have PubMed/LinkOut access to the full-text of approximately 700 titles via licensing agreements. These are marked with the Eccles Library Online icon in the Abstract or Citation display in PubMed.

This is only a fraction of the titles for which the University of Utah has online access or print volumes. Titles are constantly being added to LinkOut and some publishers simply have not yet granted NLM the files necessary to link to our mode of access. Good examples of this are the Cochrane Library and JSTOR, which can be found on the library's Database Page, and the vast majority of our Elsevier Science titles. The University has access to the current twelve months of approximately 400 titles for which we have print subscriptions on campus. This Elsevier service, "Web-Editions," is NOT linked from PubMed. Instead, the Elsevier icon routes users to its more expensive Science Direct, which usually prompts for username and password. This has caused considerable confusion and frustration for University of Utah users and librarians alike.

The Eccles and Marriott Library catalogs provide the most comprehensive listing of resources. Many PubMed citations are marked with the "Check Eccles Catalog" icon (formerly "Eccles Library Print"). This indicates paper volumes or alternate online access, and provides a link to the online catalog and its record for the journal. The link to Internet access, if available, is on the top of the catalog record (example below).

Internet Access	Full text available to University of Utah, Current 12 months only http://www.sciencedirect.com/web-editions/journal/00062952
Title	Biochemical pharmacology.

If this sounds confusing, the take away message is **check the catalog for online access.** We hope that as LinkOut evolves, and publishers realize that access via PubMed is vital to their survival, access will become seamless. In the meantime, please call the Reference Desk at 801-581-5534 or send email to reference@lib.med.utah.edu if you have any questions.

24/7 continued from page 1

The coverage is shared by librarians at the three institutions:

- Utah: 8:00 A.M.-11:00 A.M.
- Missouri: 11:00 A.M.-2:00 P.M.
- Colorado: 2:00 P.M.-5:00 P.M.

Look for *Ask a Librarian* on the Eccles Library Web page at http://medlib.med.utah.edu, and/or on the Services page at http://medlib.med.utah.edu/library/services/services.html Information on in-person, telephone, and email services can also be found there.

Academic Library Live Chat

Librarians from the Utah Academic Library Consortium (UALC) have joined a nationwide consortium of academic librarians to provide true 24/7 virtual reference assistance. UALC members staff the service Monday and Tuesday from 8:00 A.M. to 7:00 P.M. and on selected weekend hours. See http://www.ualc. net/livechat/ Or look for *ASK US!* on the J. Willard Marriott Library Web page at http://www.lib.utah.edu for a full list of their services.

EndNote Version 7 Available

The Office of Software Licensing (http://www.osl.utah.edu) now has version 7 of EndNote available for University faculty, staff and graduate student purchase. Software is purchased as a yearly subscription and the cost is a substantial discount from educational pricing.

IAIMS Newsletter *Deadline and Mailing List*

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)
Assistant Editor: Bonnie Fox (bfox@lib.med.utah.edu)

The deadline for the Spring 2004 issue of the *IAIMS Newsletter* is Monday, December 29, 2003.

The *IAIMS Newsletter* is available electronically at **http://medlib.med.utah.edu/library/edumaterials/iaims/iaims.html**

To receive a copy of the electronic version in PDF format, send an email message to: majordomo@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5890
VOICE: 801-585-6744; FAX: 801-581-3632
EMAIL: jeannele@lib.med.utah.edu

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Permit Number 1529

The Spencer S. Eccles Health Sciences Library
Fall Semester 2003 Hours

Hours are subject to change—Call 801-581-8773 for current hours

August 18 to December 19

Monday to Thursday	7:00 A.M-11:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-8:00 P.M.
Sunday	11:00 A.M-11:00 P.M.

Special hours: Thanksgiving

Wednesday, November 26	7:00 A.M-8:00 P.M.
Thursday, November 27	CLOSED
Friday, November 28	8:00 A.M-5:00 P.M.

Extended Hours for Exams

Friday, December 5, 2003	7:00 A.M-11:00 P.M.
Saturday, December 6, 2003	9:00 A.M-11:00 P.M.
Sunday, December 7, 2003	11:00 A.M-11:00 P.M.

Fall Semester Break December 20, 2003 to January 4, 2004

Monday to Friday	8:00 A.M-5:00 P.M.
Saturday	9:00 A.M-6:00 P.M.
Sunday	CLOSED
Christmas, December 25, 2003	CLOSED
New Year Day, January 1, 2004	CLOSED

Regular Spring Semester hours begin, Monday, January 6, 2004

Phone Numbers

Acquisitions	801-587-9247
Administration	801-581-8771
Hours/Renewals	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4685
Gifts to Library	801-587-9247
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Media Services	801-581-8052
Outreach	801-587-3493
Regional Medical Library	800-338-7657
	801-587-3412
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

The *IAIMS Newsletter* is published 3 times a year (August, January, May), with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah
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URL: http://medlib.med.utah.edu/

IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Spring 2004 Volume 19 InfoFair 2004 Spring Supplement

InfoFair 2004

Outreach Within Reach

Tuesday, March 23, 2004

presented by
The University of Utah
Spencer S. Eccles Health Sciences Library

sponsored by
The University of Utah Health Sciences Center

InfoFair is an annual event at the University of Utah Health Sciences Center with the goal of providing up-to-date information on computer applications, resources and services as well as a glimpse into the future of computers and computing in the health sciences.

The theme of InfoFair 2004 is **Outreach Within Reach**. The Clifford C. Snyder, M.D. and Mary Snyder Lecturer is Dale C. Alverson, M.D., Professor of Pediatrics and Medical Director, Center for Telehealth, Health Sciences Center, University of New Mexico.

A **Meet the Experts** panel discussion follows Dr. Alverson's lecture. Panelists include Carole A. Gassert, R.N., Ph.D., Deb LaMarche and Marta Peterson, M.D. with moderator Wayne J. Peay. Questions and input from the audience is encouraged.

The afternoon sessions begin with a presentation and demonstration of new technologies. **The New Technology Hands On** session features John Bramble (handheld devices), Derek Cowan (streaming video), Sherri Evershed and Jeff Shuckra (Telehealth), Hang Wong (desktop videoconferencing) and Jimmy Miklavcic (Internet2 Access Grid). Attendees have the opportunity to explore the use of these various technologies for teaching, research and healthcare.

The afternoon presentations conclude with the **Distance Education at the University of Utah** panel discussion moderated by Wayne J. Peay. Panelists include: Samuel R. Browd, M.D., (School of Medicine), Les Chatelain (College of Health), Christina Echeverria (College of Nursing), Reed Gardner, Ph.D. (School of Medicine), and Lynda Oderda, Pharm.D. (College of Pharmacy).

Plan to visit the **Web Gallery: Outreach Within Reach** website at **http://medstat.med.utah.edu/infofair/infofair2004/gallery.html** The Web Gallery highlights websites that discuss telehealth and new technologies for teaching, research, healthcare and communications.

The Clifford C. Snyder, M.D. and Mary Snyder Lectureship

Dr. Clifford C. Snyder, Professor of Surgery, founded the Division of Plastic and Reconstructive Surgery at the University of Utah School of Medicine in 1967 and served as chair of that division until 1985 when he was appointed Professor Emeritus of Surgery and Associate Dean of the School of Medicine. Throughout his career, Dr. Snyder has been an ardent supporter of the Eccles Library. Dr. Snyder's endowment of The Clifford C. Snyder, M.D. and Mary Snyder Lectureship provides funding for the featured presentation at InfoFair.

Clifford C. Snyder, M.D.

Mary Snyder

InfoFair 2004 Program

The Clifford C. Snyder, M.D. and Mary Snyder Lecture and Panel Discussion

Location: George and Dolores Eccles Institute of Human Genetics Auditorium

9:30 A.M.-10:30 A.M. **Introduction**
Wayne J. Peay, Director, Spencer S. Eccles Health Sciences Library

Healthcare and Health Education in Cyberspace
Dale C. Alverson, M.D., Professor of Pediatrics and Medical Director, Center for Telehealth, Health Sciences Center, University of New Mexico

10:30 A.M.-11:00 A.M. **Refreshments**

11:00 A.M.-Noon **Meet the Experts**—Panel Discussion
Moderator: *Wayne J. Peay*
Panelists: *Dale C. Alverson, M.D.*
Carole A. Gassert, R.N., Ph.D.
Deb LaMarche
Marta Petersen, M.D.

Afternoon Presentations

Location: Spencer S. Eccles Health Sciences Library—Upper and Lower Levels

1:00 P.M.-2:30 P.M **New Technology Hands On!**—Presentations, demonstrations and try it!
Presenters: *John Bramble:* Handheld Devices—Lower Level, Small PC Lab
Derek Cowan: Streaming Video—Lower Level, Large PC Lab
Sherri Evershed and Jeff Shuckra: Telehealth—Upper Level Conference Room
Jimmy Miklavcic: Internet2 Access Grid—Upper Level, History of Medicine Room
Hang Wong: Desktop Videoconferencing—Upper Level, History of Medicine Room

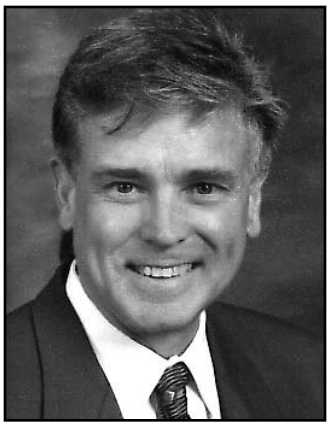
2:30 P.M.-3:00 P.M. **Break**

3:00 P.M.-4:00 P.M. **Distance Education at the University of Utah**—Upper Level, History of Medicine Room
Moderator: *Wayne J. Peay*
Panelists: *Samuel R. Browd, M.D., Ph.D.*—School of Medicine
Les Chatelain—College of Health
Christina Echeverria—College of Nursing
Reed Gardner, Ph.D.—School of Medicine
Lynda Oderda, Pharm.D.—College of Pharmacy

Web Gallery: Outreach Within Reach
http://medlib.med.utah.edu/infofair/infofair2004/gallery.html

The Clifford C. Snyder, M.D. and Mary Snyder Lecturer

Dale C. Alverson, M.D.
Professor of Pediatrics and Medical Director, Center for Telehealth, Health Sciences Center, University of New Mexico



Dr. Alverson is a Pediatrician, Professor and Regents' Professor on faculty at the University of New Mexico, School of Medicine, specializing in the field of Neonatology. He serves as the Medical Director of the Telemedicine Program, Center for Telehealth and Cybermedicine Research Center at the University of New Mexico. In that role, he has been involved in the planning, implementation, research and evaluation of a Telemedicine system for New Mexico, primarily serving its rural communities. He has been a principal investigator on several Telehealth related grants; including projects in rural Telemedicine, NASA and the Office for the Advancement of Telehealth under HRSA, together with deployment of immersive interactive virtual reality simulations that allow synchronous collaboration over Internet2 for training and education independent of distance.

The Clifford C. Snyder, M.D. and Mary Snyder Lecture Abstract

Healthcare and Health Education in Cyberspace: Using Information Technologies and Telehealth to Alleviate Healthcare Access and Knowledge Disparities

Disparities in access to healthcare services, education and medical knowledge create increasing challenges to maintaining and improving health regionally, nationally and internationally. Rapidly emerging information technologies in the field of medical informatics and telehealth offer exciting new opportunities to bridge critical gaps in healthcare delivery, education and knowledge sharing regardless of location. Furthermore, enabled through advanced communication networks, interdisciplinary, interinstitutional and international partnerships are allowing development of powerful innovations for integration of information technologies, computer science, engineering, and visualization into education and healthcare on global levels.

Through ongoing efforts and collaborations, New Mexico serves as an example of the challenges faced and anticipated advantages provided through information technologies and telehealth. From applying methods with a spectrum of technologies to reach into remote and rural communities and the underserved, to the use of distributed interactive virtual reality and the next generation Internet2, we are all being launched into a new era of healthcare. "Healthcare and Health Education in Cyberspace," is a frontier worthy of exploration, and one that offers the promise of health and wellness to everyone it touches.

Presenters, Panelists, Moderators

Samuel R. Browd, M.D., Ph.D.
Resident, Department of Neurosurgery, School of Medicine, University of Utah

Dr. Browd received his bachelors with highest honors in Zoology from the University of Florida in 1993 and pursued a combined M.D. and Ph.D. in Neuroscience also at the University of Florida, graduating with honors in research in 2000. He began his Neurosurgical residency at the University of Utah in July 2000 and currently is on a two-year research elective investigating applications of functional MRI for preoperative planning and intraoperative guidance. He is also working in the laboratory of Daniel Fults, M.D., investigating the genetic mechanisms of medulloblastoma development, a common pediatric brain tumor. Recently, Dr. Browd co-founded the Utah Functional Neuroimaging Core, a group devoted to advancing functional neuroimaging on campus through multidisciplinary collaboration.

In addition to his research interests, Dr. Browd has been actively involved in teaching, developing a novel undergraduate course, "Introduction to Medical Professions," for premedical students and acting as the director for physician-student shadowing at the University of Utah.

Upon graduation Dr. Browd intends to pursue a fellowship in Pediatric Neurosurgery.

John Bramble

Outreach Librarian, Spencer S. Eccles Health Sciences Library, University of Utah

As the Outreach Librarian, John Bramble is responsibile for introducing library resources to the Utah community. He works with other academic institutions, professional associations, public libraries, local health departments, hospitals, and clinics, which takes him all across the state of Utah. While on campus, John teaches information literacy classes, participates on committees, and promotes the use of mobile curriculum tools. John is the library's expert on personal digital assistants. He has a strong interest in creating a robust environment for users of educational technologies.

Les Chatelain

Interim Chair, Department of Health Promotion and Education, College of Health, University of Utah

Les Chatelain currently serves on the Health Sciences ITS Core Steering Committee, Health Sciences Web Advisory Committee, chairs the College of Health ITS Committee, has developed web-based courses, interactive course materials, web-based community education programs, web-based consumer articles, and has brought technology into his classroom all without even being able to even spell JAVA. He is a successful user of technology, not a creator of technology.

Derek Cowan

Digital Video Computer Professional, Spencer S. Eccles Health Sciences Library, University of Utah

Christina Echeverria

Coordinator, Program Administrator, College of Nursing, University of Utah

Christina Echeverria is the Program Administrator for the College of Nursing's Distance Ph.D. program with a focus on Oncology. The program uses IP videoconferencing to conduct live seminar style classes as well as using WebCT as a supplement to the live courses. Most recently the program has adopted the HorizonLive Web presentation service to help supplement the IP videoconferencing with the use of an e-whiteboard, application sharing and other presentation tools. Christina manages all aspects of the program including researching the technologies that are used in the program. She has a Bachelor of Science degree in Sociology from the University of Utah and a Master of Arts degree in Counseling and Educational Psychology from the University of Nevada, Reno. She has been the Program Administrator for the Distance Ph.D. program in the College of Nursing since August 2002. Before that she served as the Coordinator of Student Advisement, Recruitment and Retention for the College of Human and Community Sciences at the University of Nevada, Reno.

Sherri Evershed, MSPH

Clinical Coordinator, Telemedicine Outreach Program University of Utah

Sherri Evershed is the Clinical Coordinator for the Telemedicine Outreach Program at the University of Utah which serves as the hub for the Utah Telehealth Network, UTN. She has been with the program since 1998. She has a B.S. in Community Health Education, a B.S. in Nursing and a Master of Science in Public Health (MSPH). Her clinical experience has primarily been in pediatric nursing. She worked at Primary Children's Medical Center for 21 years in various capacities including ICU, Lifeflight, outpatient oncology, and director of pediatric nursing outreach education. Sherri is also a part-time adjunct nursing professor at Westminster College in Salt Lake City, Utah.

Reed Gardner, Ph.D.

Professor and Department Chair, Medical Informatics, School of Medicine, University of Utah

Dr. Reed Gardner is Professor and Chairman of the Department of Medical Informatics at the University of Utah. He has been a co-director of medical computing at LDS, Cottonwood, and Alta View Hospitals in Salt Lake City, Utah. He is one of the principal developers and evaluators of the medical expert system known as HELP (Health Evaluation through Logical Processing).

Dr. Gardner's primary academic and research interests are hospital information systems, computerized medical decision-making, computerization of critical care, and the automation of the nursing process. He is author or co-author of more than 300 articles in the fields of medical informatics and engineering. Dr. Gardner has

been a journal editor and on editorial boards of *Critical Care Medicine* and other critical care journals, as well as the *Journal of American Medical Informatics Association* (JAMIA). Dr. Gardner is a Fellow of the American College of Medical Informatics. He is a past president of the American Medical Informatics Association.

Carole A. Gassert, R.N., Ph.D.

Associate Professor, Informatics, College of Nursing, University of Utah

Carole A. Gassert, Associate Professor, was appointed Associate Dean for Academic Affairs and Director of the Nursing Informatics Program in the College of Nursing, University of Utah, in October of 2002. Prior to joining the College of Nursing, Dr. Gassert served as Informatics Nurse Consultant in the Division of Nursing and Senior Distance Learning Advisor for the Office for the Advancement of Telehealth, Health Resources and Services Administration in the Federal Government.

Dr. Gassert has been a key leader in establishing nursing informatics as a specialty for practice within nursing. She developed the first nursing informatics masters and doctoral programs in the world, establishing standards for graduate Nursing Informatics (NI) education. She strongly advocates for these educational standards by encouraging students to take a portion of their coursework from informatics, computer or information system departments, thereby increasing the ability of nurses to collaborate with informaticians in other disciplines.

Deb LaMarche

Program Manager, Telemedicine Outreach Program, University of Utah

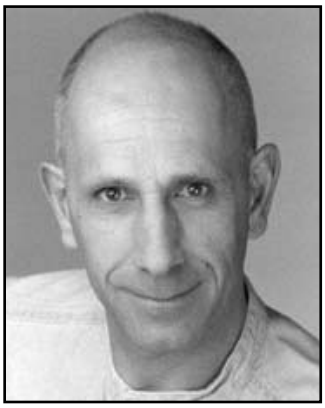
Deb LaMarche is the Program Manager of the University of Utah's Telemedicine Outreach Program, which serves as the hub of the Utah Telehealth Network. She has been with the program since its inception in 1996. Deb served as vice chair for the Utah Health Policy Commission's Telehealth Technical Advisory Group, and currently is a member of the Rural Health Association of Utah's Board of Directors, the Critical Access Hospitals State Advisory Committee, and the Utah Clinical Information Network Advisory Board. Deb has a bachelor's degree in economics from the University of Utah.

Nancy T. Lombardo

Systems Librarian, Spencer S. Eccles Health Sciences Library, University of Utah

Nancy Lombardo received her Master of Library Science from Emporia State University in August 1994 and accepted a position at the Eccles Library in October 1994. Nancy is the co-principal investigator for a Higher Education Technology Initiative Grant that led to the development of the virtual course Internet Navigator. As the Systems Librarian, Nancy works with the library's technical staff to coordinate, maintain and improve the library's technological capabilities. In addition, Nancy teaches a variety of Internet classes and works with library faculty and staff on projects to enhance Eccles Library services through appropriate use of technology.

Jimmy Miklavcic



Computer Professional, Center for High Performance Computing, University of Utah

Jimmy Miklavcic is the Multimedia Specialist at the University of Utah Center for High Performance Computing and the coordinator of several Access Grid (AG) sites across campus. He also is the Executive Director for Another Language Performance Art Company that is utilizing the Access Grid technology for artistic endeavors. Mr. Miklavcic has been working with Access Grid technology for over five years and has seen the number of AG nodes reach nearly two hundred throughout the world.

Lynda Oderda, Pharm.D.

Assistant Professor, Pharmacy Practice, College of Pharmacy, University of Utah and Clinical Pharmacist,University of Utah Sugarhouse Geriatric Clinic

Lynda Oderda is a graduate of the bachelor and doctor of pharmacy programs at the University of Maryland School of Pharmacy in 1979 and 1981 respectively. Practice experience includes long term care and home health care consulting in Maryland until she accepted a position as director of the experiential education program at the University of Utah in 1991. Teaching responsibilities included a communication skills lab,

therapeutics lectures, seminar courses, and a pre-pharmacy elective providing information to students about various practice areas. Several years ago she returned to practice on a part-time basis as the clinical pharmacist in an interdisciplinary team at the University's Sugarhouse Geriatrics clinic, and has since returned to practice full time as well as at a long term care facility teaching students how to monitor and manage drug therapy in older patients.

Wayne J. Peay

Director, Spencer S. Eccles Health Sciences Library, University of Utah

Wayne Peay received his B.A. in history from the University of Utah in 1973 and his M.S. degree in Library Service, with honors, from Columbia University in 1977. He has held positions at the Washington University School of Medicine Library, and the Medical Library Center of New York. He was appointed to the library faculty of the Spencer S. Eccles Health Sciences Library in 1977 and was named director in 1984. He has served as president of the Association of Academic Health Sciences Library Directors and as a member of the Board of Directors of the Medical Library Association. He is also currently director of the Midcontinental Regional Medical Library Program of the National Network of Libraries of Medicine.

Marta Petersen, M.D.

Director, Telemedicine Outreach Program and Professor, Dermatology, School of Medicine, University of Utah

Dr. Petersen provides overall direction for the Telemedicine Outreach program. She serves as the Utah Telehealth Network's medical director and clinical champion at the University. Dr. Petersen also conducts telehealth clinics in dermatology and cancer screening.

Jeff Shuckra,

Network Support Specialist, Utah Telehealth Network, University of Utah

Jeff Shuckra received his Master of Instructional Technologies from the University of New Mexico in December 2000. He is committed to bridging geographical distances through technology. At the Albuquerque High Performance Computing Center, Jeff helped introduce the Access Grid to the University of New Mexico. He collaborated with several other universities to create the first college-accredited course over the Access Grid. The prototype course has served as a model for a number of other courses. In 2003, Jeff accepted a position with the Utah Telehealth Network in supporting the telehealth infrastructure.

Hang Wong

Systems Administrator, Spencer S. Eccles Health Sciences Library, University of Utah

Hang Wong earned a B.S. degree in Accounting from the University of Utah. Prior to working at Eccles Library, Hang was the CFO/CIO for a private investment company. Hang also served as a Systems Administrator for the Eccles Institute for Human Genetics. Hang is also a self-proclaimed Mac-evanglist.

InfoFair 2004 Abstracts

Meet the Experts Panel Discussion

Local panelists join Dr. Alverson in discussing issues related to using information technologies and telehealth to alleviate healthcare access and knowledge disparities. The panel moderator is Wayne J. Peay. Panelists are Carole A. Gassert, R.N., Ph.D., Deb LaMarche and Marta Petersen, M.D.

New Technology Hands On!

Local experts share their knowledge and experience with various technology tools that bridge time and distance. These tools enable collaboration with colleagues, shared teaching opportunities, and provide ready access to online resources. There will be an opportunity for attendees to rotate between five stations for a brief presentation, demonstration and try of the following tools: handheld devices; streaming video; desktop videoconferencing; telehealth; and the Internet2 Access Grid. The hands on feature takes places in the Eccles Library on the upper and lower levels.

Distance Education at the University of Utah Panel Discussion

Representatives from the Colleges of Health, Nursing and Pharmacy, and the School of Medicine present their observations and experiences with distance education activities. Panelists include: Samuel R. Browd, M.D., Ph.D. (School of Medicine), Les Chatelain (College of Health), Christina Echeverria (College of Nursing), Reed Gardner, Ph.D. (School of Medicine), and Lynda Oderda, Pharm.D. (College of Pharmacy).

Web Gallery: Outreach Within Reach

The Web Gallery provides links to websites offering expertise in the incorporation of health, education, and technology. The websites cover the areas of distance education, outreach, and telehealth. Each area exemplifies the rapid growth in the field of health and technology instigated by local governments, institutions of higher education and businesses on both a national and international level. To view these links visit **http://medlib.med.utah.edu/infofair/infofair2004/gallery.html**

Directions and Parking

The Spencer S. Eccles Health Sciences Library is located on the University of Utah Health Sciences Center campus just south of the University Hospital/School of Medicine building and northeast of the College of Nursing. The George and Dolores Eccles Institute of Human Genetics is located southeast of the Eccles Library. Signs on Wasatch Drive and North Medical Drive mark the route to the Eccles Library. A brochure on *Transportation to Eccles Library* is available by contacting the Reference Desk 801-581-5534 or via the Web at: **http://medlib.med.utah.edu/library/aboutus/howtofindus.html**

Visitor parking is available on the first level of the parking terrace east of the Biomedical Polymers building. The lot is regulated by a ticket and the fee is $1 per hour to a maximum fee of $8 per day. Additionally, a coin-operated metered parking lot is available directly west of the Eccles Library; the meters take quarters or nickels only. A day pass can be purchased for $3.00 at the Eccles Library Circulation Desk, the University Hospital cashier located near the hospital entrance, 801-581-2100; or at Parking Services, West Annex 101, 801-581-6415.

For a parking brochure or further information about parking at the University of Utah, contact Commuter Services at 801-581-6415; website: **http://www.parking.utah.edu**

The University Department of Commuter Services provides free shuttles across campus from 6:00 A.M. to 7:00 P.M. Monday through Friday, late evening and weekend service is available. Contact Shuttle Customer Service 801-581-4189 for details.

The Utah Transit Authority (UTA) serves the University of Utah with 21 direct routes including two express routes from Weber and Utah counties and TRAX service to the Health Sciences Center (Medical Center stop). Call UTA at 801-287-4636 for details and schedule information.

Registration

InfoFair 2004 is **FREE.**

Special Assistance Provided By

The Staff and the Education Team of the
Spencer S. Eccles Health Sciences Library
The George and Dolores Eccles Institute of Human Genetics
University of Utah School of Medicine
Department of Medical Informatics
The University of Utah Health Sciences Center
Office of Public Affairs

Program Committee

Dale C. Alverson, M.D.
Jeanne Le Ber
Nancy Lombardo
Wayne J. Peay

InfoFair 2004 Coordinator

Jeanne Le Ber

Education Services Librarian, Spencer S. Eccles Health Sciences Library, University of Utah

As the Education Librarian, Jeanne is responsible for coordinating the formal education efforts of the Eccles Library in a team environment. She works with faculty from the School of Medicine and Colleges of Health, Nursing and Pharmacy to identify, schedule and teach information literacy classes, with an emphasis on using electronic resources. Jeanne is the editor of the *IAIMS Newsletter*, and coordinates the Library and Information Technology Forum and InfoFair.

Coordinators

Niloofar Bakhti, Facilitators Coordinator
John Bramble, Publicity Coordinator
Derek Cowan, Website designer
Nancy E. Litz, Equipment Coordinator
Nancy T. Lombardo, Video/broadcast; New Technology Hands On
Allyson Mower, Web Gallery
Wayne J. Peay, The Clifford C. Snyder, M.D. and Mary Snyder Lectureship Coordinator
Amber Molyneaux, Financial Coordinator
Sherelyn Sandberg, Hospitality Coordinator

Questions

If you have questions about InfoFair, please contact us:
University of Utah
Spencer S. Eccles Health Sciences Library
10 North 1900 East
Salt Lake City, UT 84112-5890
PHONE: 801-585-6744 or 866-581-5534; FAX: 801-581-3632
INTERNET: jeannele@lib.med.utah.edu
URL: http://medlib.med.utah.edu/infofair/infofair2004

UNIVERSITY OF UTAH
ECCLES HEALTH SCIENCES LIBRARY
10 N 1900 E
SALT LAKE CITY UT 84112-5890

InfoFair 2004

Outreach Within Reach

Tuesday, March 23, 2004

Phone Numbers

Acquisitions	801-587-9247
Administration	801-581-8771
Hours/Renewals	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4685
Gifts to Library	801-587-9247
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Media Services	801-581-8052
Outreach	801-587-3493
Regional Medical Library	800-338-7657 801-587-3412
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

The *IAIMS Newsletter* is published 3 times a year (August, January, May), with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah
Editor: Jeanne Le Ber
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Email: jeannele@lib.med.utah.edu
URL: http://medlib.med.utah.edu/

IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Spring 2004 Volume 19 Number 2

Library and Information Technology Forum Spring Schedule

The Spencer S. Eccles Health Sciences Library sponsors a series of brown bag seminars related to library and information technologies. The Library and Information Technology Forum is generally held the second Wednesday of the month in Classroom B in the School of Medicine from 12:05 until 1:00 P.M. Sessions provide an opportunity for faculty, staff and students to learn about new computer technologies and electronic information sources. Visit our website linked from Educational Materials.

The January 21 LIFT Forum, *The Marriott Library Renovation-Innovation Project*, will be presented by Sarah Michalak, Director. Sarah will talk about issues related to providing a safe environment for the people and collection, one that can withstand a moderate to heavy earthquake.

Forum Schedule: Classroom B from 12:05 to 1:00 P.M.

- January 21—Sarah Michalak; *Marriott Library Renovation-Innovation Project*
- February 11—*Publishing as an Open Access Author*
- April 14—Valeri Craigle and Joan Stoddart; *The History of the Health Sciences Center Digitization Project*
- May 12—*Using WebEx for Distance Classes*

Slice of Life Workshop for Multimedia in Medical Education
Pre-workshops—June 28-30, 2004 Amsterdam
Meeting—July 1-3, 2004, Leiden
Sponsored by the Eccles Health Sciences Library
Academic Medical Center at the University of Amsterdam
Leiden University Medical Center
For more information visit http://slice.gsm.com

The Librarian Is In! Virtual Reference Service in Utah

Live Reference

Are you a distance ed student or unable to get to the library to pursue your research? Tired of traffic and construction and parking woes? You can still get expert advice and explore new online resources along with health sciences and academic librarians from across the country via 24/7—virtual reference services.

24/7—Software
The 24/7—Software allows remote patrons to

- request help from a reference librarian via chat
- receive answers and suggested sources
- be guided through the research process
- share Web pages
- get an emailed transcript of the chat and Web page links

No software needs to be downloaded on the patron side.

The Spencer S. Eccles Health Sciences Library started providing virtual reference service this past year to the health sciences community from 8:00 A.M. to 5:00 P.M. Mountain Time.

If you are interested in learning more about this service contact Mary Youngkin, Head Public Services, at 801-581-5534 or maryy@lib.med.utah.edu

InfoFair 2004
Tuesday, March 23, 2004
features Dale Alverson from
University of New Mexico Center for Telehealth

In This Issue

Library and Information Technology Forum Schedule 1
The Librarian Is In! Virtual Reference Service in Utah . . . 1
Introducing . . . Amber Molyneaux 2
The 24 Languages Project Goes Audio! 2
EndNote Version 7 Available 2
Border to Border: Eccles Library Outreach Program 3
Suggest-a-Purchase! 4
New Personnel at Eccles Library & HEAL Collection 4
Library Workshops and Classes 5
Classes for the Bioscientist 5
WRC Classes & New Videocassettes Available 6
PubMed Training & Public Library of Science 6
Health Sciences Digitization Project 7
Excel Course Is Up and Running 7
IAIMS Newsletter Deadline and Mailing List 7
Spring Library Hours and Phone Numbers 8

Introducing . . . Amber Molyneaux

Financial Analyst
Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Amber Molyneaux.

Amber Molyneaux joined the administrative team as the Financial Analyst at Eccles Library in August 2003.

Amber's responsibilities include management of financial records, preparing financial reports, compiling statistics, and monitoring grants and contracts. She also analyzes financial data, reports, documents, and trends.

A native of Utah, Amber lived in Mona until the age of seven. At that time, she moved with her family to Delta, Utah. She lived there until she graduated from high school in 1997. Upon graduating, Amber attended her first two years of college at Snow College in Ephraim, Utah. She earned an Associate of Science degree with an emphasis in Accounting during the spring of 1999. Two years later she earned a Bachelor of Science degree in Accounting from Utah Valley State College in Orem, Utah. While attending UVSC, Amber worked at RC Willey.

In September 2002, Amber accepted a job with the University of Utah as an Associate Accountant in Research Accounting. She held this position for nearly one year learning the rules and regulations for projects that are administered at the University. She also gained knowledge about the University's financial system, policies, and procedures.

She resigned from Research Accounting last August when she accepted her position at Eccles Library. She is excited to join the Eccles Library team. She will also have the opportunity to apply the accounting skills she gained while attending college.

Amber enjoys reading a good novel, talking to family and friends, and attending good movies.

"I am very excited to be a member of the Eccles Library team. I have enjoyed meeting all of the wonderful people in the Eccles Library. I am thrilled to have the opportunity to work with each of them."

The 24 Languages Project Goes Audio!

The National Network of Libraries of Medicine has awarded the 24 Languages Project (http://medlib.med.utah.edu/24languages) a $10,000 grant to create online narrations of 200 brochures the project offers.

Project staff locate native speakers of the languages represented in the brochure collection. These native speakers read aloud each brochure in Spencer S. Eccles Health Sciences Library's Digital Video Lab. This process highlights an extensive, valuable resource here on campus. International students attending school at the University of Utah provide most of the narrations. There are more than 1,700 students from other countries enrolled at the University. These highly talented students serve our campus with their diverse language skills and cultural knowledge.

Robert Yang, the project's technician, records these readings, which are then encoded and uploaded to the website's server. The recordings are freely available to website users for either downloading or streaming. This new service, one of the first of its kind to offer online multilingual health information in an audio format, will serve the visually impaired, literacy-challenged, and others who want to listen to the materials. Project staff will be marketing this new service statewide through promotional materials and meetings with public librarians and community groups.

Please contact Liz Workman, Co-Project Director with questions: lworkman@lib.med.utah.edu or 801-581-4686.

EndNote Version 7 Available

The Office of Software Licensing (http://www.osl.utah.edu) has version 7 of EndNote available for University faculty, staff and graduate student purchase. Software is purchased as a yearly subscription and the cost is a substantial discount from educational pricing. Available for Windows and Macintosh.

EndNote® is a software tool for publishing and managing bibliographies. Researchers, writers and students depend on this product to locate bibliographic data and create bibliographies for curricula vitae, manuscripts, grant proposals, term papers and other publications. The Eccles Library offers classes in the use of this software. Visit our Workshops and Classes Web page (http://155.100.79.103/registration/ classes.cfm?textonly=false) or contact Jeanne Le Ber, 801-585-6744 or jeannele@lib.med.utah.edu, for more information.

Border to Border: Eccles Library Outreach Program Makes the Rounds

Sally Patrick, Project Director, Utah Consumer Health Information Initiative

The mission of the Spencer S. Eccles Health Sciences Library is to advance education, research, clinical, and health care needs through information access, service and innovation. Eccles Library is a Regional Medical Library (RML) for the Mid-Continental Region of the National Network of Libraries of Medicine (NN/LM). The library serves the University of Utah community, the citizens of the State of Utah and of the Internet.

With this important mission in mind, the Eccles Library has expanded its outreach philosophy and team of traveling librarians to bring critical health information to Utah citizens border to border. The Eccles Library "O" Team consists of John Bramble, Outreach Librarian, Sally Patrick, Project Director of the Utah Consumer Health Information Initiative and Molly Youngkin, Public Health Liaison for the Mid-Continental Region, NN/LM.

For the "O" Team, what does border to border mean in providing health information? Utah measures approximately 300 miles from east-to-west and 400 miles from north-to-south. Of Utah's 29 counties, 25 are classified as rural or frontier. Only 24% of the state's population lives in 25 counties, although they compromise 96% of Utah's total landmass. Rugged topography and long distances between communities create geographic and economic barriers to health care access. In some areas, people may have to travel in excess of 100 miles by car one-way for health care and there are communities on the Navajo reservation located three hours by car from the nearest health care facility.

Utah is served by 12 local health districts coordinated through the Utah Department of Health. Each rural district encompasses 3 to 7 large counties, ranging from 8,400 to 17,500 square miles. To put these sizes in perspective, the total combined area of New Hampshire and Vermont is 18,800 square miles! The outreach team is working with Utah's health districts in order to bring consumer health information to all public health practitioners and their patients. Utah's population reflects other Western states where resources spent on personal health care per capital are lower than those in other parts of the country. Therefore the challenge for the "O" Team is to provide user-friendly access to high quality health information which will affect individual health and quality of life.

One of the key ways to provide access to vital health information for all Utah citizens is through their local public libraries. Utah's 2.2 million citizens are served by 70 public library jurisdictions with 132 outlets of bricks and mortar and bookmobile service covering the entire state. The breakdown of public library service shows that the greatest portion of these libraries serves communities under 25,000 residents. For the last data period reported (2001) this represented 27,878.6 annual hours of service with 5.8 million walk-in visits and 24.5 million circulations of materials.

Despite the rural nature of most of Utah's public libraries, patrons enjoy high speed Internet access statewide. Even the smallest libraries house multiple computers served by T1 to broadband access and all libraries provide Internet access to their resources at the library or remotely. Over 60% of Utah residents are connected to the Internet at home or work. However, Eccles Library staff members have found, through the Utah Consumer Health Information Initiative need assessment, that most Utah public librarians are not conversant with health information and do not see many patrons coming to their community libraries for these life saving resources. Alarmingly, while patrons do not ask for help at their library, nationally we know that over 80% of Internet users are accessing health information, many via unreliable Google searches.

To reach Utah health information seekers, the "O" Team's focus is on making connections in Utah communities. This effort is being augmented by Eccles Library's Utah Consumer Health Information Initiative, funded by the Library Services & Technology Act (LSTA). The recent grant supports a needs assessment process and collaborations statewide to provide reliable access to health information through Utah public libraries. The project is essential in order to equip Utah libraries with the knowledge, tools and contacts needed to guide Utah residents to high quality health information. As the project began in the fall of 2003, John and Sally logged over 2,800 miles visiting numerous public libraries from Newton to Kanab and from Montezuma Creek to Trout Creek. The needs assessment is underway and will provide data to design ongoing resources, services and training regarding consumer health information provision statewide. Librarians at each site are receiving detailed training on health information resources including numerous authoritative governmental sites such as the National Library of Medicine's consumer health site, MedlinePlus, PubMed and Utah's Pioneer Online Library. Eccles Library resources and services are highlighted as well as the new toll free number to the Reference Desk: 1-866-348-Book (2665). Public librarians are encouraged to think of the entire Eccles Library staff as their partners in providing health information to Utah communities.

John Bramble and Sally Patrick in the Tri-County Bookmobile Library in Bicknell, Utah

So as the Willy Nelson song goes…It's On the Road Again for the Eccles Library "O" Team-bringing vital health information resources and services border to border to all Utah citizens.

Suggest-a-Purchase!

Help the library get what you need—suggest a purchase!

The Spencer S. Eccles Health Sciences Library has developed an online form for suggesting purchases. You can submit suggestions electronically via the **Suggest-a-Purchase** link from the Eccles Library's Catalog, or from our About Us page. The request is submitted to the Collection Development department via email.

The **Suggest-a-Purchase** form asks for contact information so that we can get in touch with you to clarify any questions we might have, and to let you know if the suggested purchase has been made. Please submit as much information as you know about the item including author, title, year of publication, edition, publisher, etc.

To access the **Suggest-a-Purchase** form, go the Eccles Library's Catalog and select **Links** from the menu bar on the left. Or, from Eccles Library's home page, select **About Us** from the menu bar on the left, and scroll down to the **Suggest-a-Purchase** link.

In addition to the above links, you can access this feature at http://medstat.med.utah.edu/library/suggestions/patron_suggestions.html Contact Alice Weber, Collection Development Librarian at 801-587-9247 or aweber@lib.med.utah.edu if you have questions.

New Personnel at Eccles Library

Ray Balhourn accepted the position of Digital Video Technician for the Neuro-Ophthalmology Virtual Education Library (NOVEL).

Allyson Mower is the new Reference Specialist and **Julie Quilter** is the new Reference Assistant in the Public Services Department.

Dustin Whitney is Web Developer for the Neuro-Ophthalmology Virtual Education Library (NOVEL).

Hang Wong accepted the position of Network Administrator in the Systems Department placing Jeff Weiler.

HEAL Collection Expands

Shona Dippie, HEAL Metadata Cataloger
Spencer S. Eccles Health Sciences Library

The Health Education Assets Library (HEAL) collection grows to over 3,100 items with the addition of hundreds of videos, interactive tutorials, animations, and other curricular resources including:

- Hundreds of videos from the award-winning NeuroLogic Exam: An Anatomical Approach Web site created by Paul D. Larsen, M.D. and Suzanne S. Stensaas, Ph.D. are now available through HEAL.
- The well-known MedlinePlus Interactive Health Tutorials from the National Library of Medicine, designed and developed by the Patient Education Institute, recently became part of the federated HEAL collection.
- A number of animations created by the Knowledge Weavers (KW) project were also added to the HEAL collection. The animations include the renowned HyperHeart, which developed from collaboration between Donald K. Blumenthal, Ph.D. and the KW team; Derivation of the ElectroCardioGram; and Voluntary Control of the Facial Muscles among others.
- HEAL now also offers the original They're Rich, You're Dead anti-smoking program by Arthur E. Pitchenik, M.D. of the University of Miami Medical School.

HEAL's vision is to create the leading digital library relied upon by a worldwide community of teachers and learners to improve the effectiveness of health sciences education. HEAL's mission is to provide free digital materials of the highest quality that meet the needs of today's health sciences educators and learners. HEAL promotes the preservation and exchange of useful educational assets while respecting ownership and privacy. We welcome additional partners to the HEAL community.

The value of the HEAL digital library grows with each new resource that joins the HEAL "federation."

HEAL is a multi-institutional, collaborative project funded by the National Science Foundation's National Science Digital Library initiative and the National Library of Medicine. Sharon Dennis, M.S., from the Spencer S. Eccles Health Sciences Library at the University of Utah; Sebastian Uijtdehaage, Ph.D., from the David Geffen School of Medicine at UCLA; and Chris Candler, M.D., from the University of Oklahoma College of Medicine are the co-directors of the project.

More information about the HEAL Project, as well as free access to the multimedia collections, is available at http://www.healcentral.org. We look forward to your feedback as we continue to improve this resource.

Contact Shona Dippie, sdippie@lib.med.utah.edu or Sandra McIntyre, HEAL Program Manager smcintyre@mednet.ucla.edu for more information.

Library Workshops and Classes

Tours and Orientations
To schedule call 801-581-5534 or email Mary McFarland at marym@lib.med.utah.edu

Access	**Large PC Lab**
To be announced	
Basic Design	**Small PC Lab**
Friday, March 5, 2004	10:00 A.M.-Noon
Bibliographic Management	
EndNote (version 7)	**Small PC Lab**
Friday, January 23, 2004	2:30 P.M.-4:30 P.M.
Monday, February 9, 2004	2:00 P.M.-4:00 P.M.
Tuesday, March 9, 2004	9:00 A.M.-11:00 A.M.
Monday, March 29, 2004	2:00 P.M.-4:00 P.M.
Monday, April 12, 2004	2:00 P.M.-4:00 P.M.
Contribute	**Large PC Lab**
Friday, April 2, 2004	10:00 A.M.-Noon
Dreamweaver, Part 1	**Small PC Lab**
Monday, January 26, 2004	10:00 A.M.-Noon
Monday, February 23, 2004	10:00 A.M.-Noon
Thursday, March 26, 2004	10:00 A.M.-Noon
Dreamweaver, Part 2	**Small PC Lab**
Tuesday, January 27, 2004	10:00 A.M.-Noon
Tuesday, February 24, 2004	10:00 A.M.-Noon
Friday, March 26, 2004	10:00 A.M.-Noon
Excel Essentials, Part 1	**Small PC Lab**
Monday, January 26, 2004	10:30 A.M.-Noon
Wednesday, March 10, 2004	10:30 A.M.-Noon
Monday, April 12, 2004	10:30 A.M.-Noon
Monday, May 17, 2004	10:30 A.M.-Noon
Excel Essentials, Part 2	**Small PC Lab**
Monday, February 2, 2004	10:30 A.M.-Noon
Wednesday, March 17, 2004	10:30 A.M.-Noon
Monday, April 19, 2004	10:30 A.M.-Noon
Monday, May 17, 2004	10:30 A.M.-Noon
Grant Writing and Research	**Large PC Lab**
Friday, January 23, 2004	9:00 A.M.-11:00 A.M.
Friday, February 6, 2004	9:00 A.M.-11:00 A.M.
PowerPoint, Basic Presentations	**Large PC Lab**
Tuesday, January 20, 2004	8:00 A.M.-10:00 A.M.
Friday, February 6, 2004	2:00 P.M.-4:00 P.M.
Tuesday, February 24, 2004	9:00 A.M.-11:00 A.M
Wednesday, March 24, 2004	10:00 A.M.-Noon
Monday, April 5, 2004	2:00 P.M.-4:00 P.M.
PowerPoint, Advanced Techniques	**Large PC Lab**
Tuesday, February 10, 2004	10:00 A.M.-Noon
Tuesday, March 30, 2004	10:00 A.M.-Noon
Wednesday, April 14, 2004	2:00 P.M.-4:00 P.M.
PowerPoint, Animation Part 1 and 2	**Small PC Lab**
Thursday, February 5, 2004	10:00 A.M.-Noon
Friday, February 6, 2004	10:00 A.M.-Noon
PowerPoint, Posters	**Large PC Lab**
Thursday, March 18, 2004	9:00 A.M.-10:00 A.M.
Monday, April 19, 2004	3:00 P.M.-4:00 P.M.
PubMed MEDLINE Basics	**Small PC Lab**
Wednesday, January 14, 2004	10:00 A.M.-11:30 A.M.
Friday, January 30, 2004	10:00 A.M.-11:30 A.M.
Wednesday, February 11, 2004	1:30 P.M.-3:00 P.M.
Friday, February 27, 2004	10:30 A.M.-Noon
Wednesday, March 3, 2004	10:30 A.M.-Noon
Thursday, March 18, 2004	1:30 P.M.-3:00 P.M.
Wednesday, April 7, 2004	10:30 A.M.-Noon
Wednesday, April 14, 2004	1:30 P.M.-3:00 P.M.
Tuesday, May 18, 2004	10:30 A.M.-Noon
Scanning with Adobe Photoshop	**Small PC Lab**
To be announced	
Government Statistics on the Web	**Large PC Lab**
Friday, January 30, 2004	9:00 A.M.-10:00 A.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Online registration is required for all classes. For more information see the Eccles Library Web page at **http://medlib.med.utah.edu/library/edumaterials/eduservices/libclasses.html** or please call 801-581-7535 or 801-585-6744.

Classes for the Bioscientist

InfoHubs	
Monday, January 26, 2004	1:30 P.M.-3:30 P.M.
Monday, February 9, 2004	1:30 P.M.-3:30 P.M.
Thursday, February 26, 2004	1:30 P.M.-3:30 P.M.
BLAST	
Monday, February 2, 2004	1:30 P.M.-3:30 P.M.
Thursday, February 12, 2004	1:30 P.M.-3:30 P.M.
Friday, February 27, 2004	1:30 P.M.-3:30 P.M.
Friday, March 12, 2004	1:30 P.M.-3:30 P.M.
Maps and Mapping	
Friday, February 6, 2004	1:30 P.M.-3:30 P.M.
Thursday, March 11, 2004	1:30 P.M.-3:30 P.M.
Protein Tools	
Thursday, February 5, 2004	1:30 P.M.-3:30 P.M.

Classes are held at the Spencer S. Eccles Health Sciences Library in either the Large PC Lab on the lower level or in the History of Medicine Room on the upper level. Check the Workshops and Classes Web page for details. Registration is required for all classes. Classes will be conducted using WebEx. For more information see the Eccles Library Web page at **http://medlib.med.utah.edu/library/edumaterials/eduservices/libclasses.html** or please call 801-581-7535 or 801-585-6744.

Web Resource Center Classes

HTML, Part 1	**Large PC Lab**
Wednesday, February 11, 2004	10:00 A.M.-Noon
Thursday, February 19, 2004	10:00 A.M.-Noon
Tuesday, February 24, 2004	2:00 P.M.-4:00 P.M.
HTML, Part 2	**Large PC Lab**
Wednesday, February 18, 2004	9:30 A.M.-11:30 A.M.
Thursday, February 26, 2004	10:00 A.M.-Noon
Thursday, March 2, 2004	10:00 A.M.-Noon
HTML, Part 3	**Large PC Lab**
Wednesday, February 25, 2004	10:00 A.M.-Noon
Wednesday, March 3, 2004	1:00 P.M.-3:00 P.M.
Thursday, March 11, 2004	10:00 A.M.-Noon

Attendees must be able to use a PC Windows environment and be comfortable browsing the Web. Course descriptions are provided under the *HTML Series* link at **http://uuhsc.utah.edu/wrc/community/classes/** To register online click on the link to *Registration Form* at the same URL. It is suggested that students sign up for one session from Part 1, Part 2 and Part 3.

New Videocassettes Available

The Spencer S. Eccles Health Sciences Library has recently acquired a number of vidoecassettes, including some NCME programs. Title received by the library include the following:

VT3 2003-33	Movement Disorders
VT3 2003-34	Focus on Patient Safety
VT3 2003-36	Medical Library Association: Reading Between the Lines
DVD 2003-37	Medical Library Association: Reading Between the Lines (DVD Version)
VT3 2003-38	The Management of Psoriasis Today
VT3 2003-39	HIV/AIDS Update
VT3 2003-40	Prostate Problems: An Update for the Primary Care Practitioner
VT3 2003-41	Tuberculosis in the workplace and in the Community
DVD 2003-42	Tuberculosis in the workplace and in the Community (DVD Version)
VT3 2003-43	College of DuPage Teleconference: Digital Treasures for Learning and Teaching
DVD 2003-44	College of DuPage Teleconference: Digital Treasures for Learning and Teaching (DVD Version)
VT3 2003-45	College of DuPage Teleconference: Soaring to Excellence, A Basic Toolkit: Good Manager and Good Employee Skills
DVD 2003-46	College of DuPage Teleconference: Soaring to Excellence, A Basic Toolkit: Good Manager and Good Employee Skills (DVD Version)
VT3-2003-49	SARS Update: Preparing for a Possible Outbreak in the U.S.
DVD-2003-50	SARS Update: Preparing for a Possible. . .

Tapes and DVDs can be viewed and/or checked out at the Public Services desk on the main level of the Eccles Library. Any questions you have about NCME videos or other multimedia materials can be directed to Nancy Litz at 801-581-8052 or nelitz@lib.med.utah.edu.

PubMed Training - A Step into Distance Education

Information on Upcoming PubMed Class

There will be a one-day session of PubMed training that will take place in Salt Lake City on February 17, 2004. This is an excellent opportunity to not only partake of PubMed training, but also to participate in the National Library of Medicine's foray into distance education. The Salt Lake City session will be broadcast to a class in Loma Linda, California. Software will be used to receive questions from both classes. You'll not only learn about PubMed but be a pioneer in the use of new teaching technologies.

This full-day class is designed to teach students how to use PubMed®. It also includes an overview of the Medical Subject Headings (MeSH®) and its importance as a tool to both searchers and indexers. PubMed provides access to over 14 million MEDLINE® citations back to the mid-1960's. Register online for the class at http://nnlm.gov/mar/online/request.html

For more information contact Claire Hamasu at 801-587-3412 or chamasu@rml4.utah.edu.

Public Library of Science Wants You!

Public Library of Science (PLoS) is a non-profit organization of scientists and physicians committed to making the world's scientific and medical literature a freely available public resource. Immediate unrestricted access to scientific ideas, methods, results, and conclusions will speed the progress of science and medicine, and will more directly bring the benefits of research to the public.

To demonstrate that this publishing model will be successful for the publication of the very best research, PLoS is publishing its own journals. *PLoS Biology* is accepting submissions, and the first issue appeared in print and online in October 2003. *PLoS Medicine* follows in 2004.

PLoS is working with scientists, their societies, funding agencies, and other publishers to pursue the broader goal of ensuring an open-access home for every published article and to develop tools to make the literature useful to scientists and the public. Visit http://www.publiclibraryofscience.org/

Eccles Library Spearheads History of the Health Sciences Digitization Project

Valeri Craigle, Adjunct Librarian; Wayne Peay, Director; Joan Stoddart, Deputy Director
Spencer S. Eccles Health Sciences Library

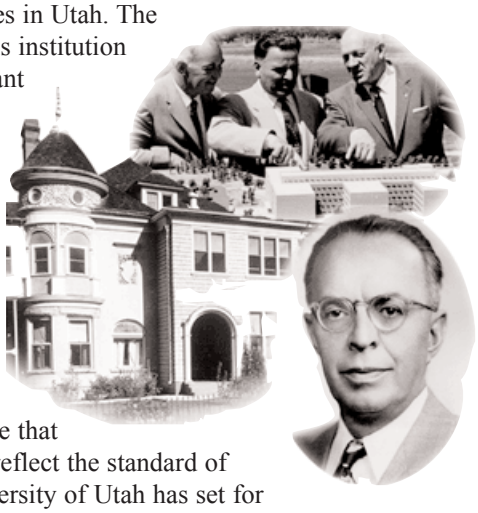
The University of Utah History of the Health Sciences Photographs project aims to preserve the extraordinary visual and documentary history of the University of Utah School of Medicine and Health Sciences Center by collecting material of historical and cultural significance, digitizing these resources, and publishing them on the World Wide Web.

Currently, we are in the process of selecting photographs from the Special Collections Department at the J. Willard Marriott Library and faculty portraits from the Medical Graphics and Photography Department in the School of Medicine, as well as soliciting photographs from colleagues and departments. There are approximately 100,000 photographs to choose from in Medical Graphics and Photography alone.

Once selected, images are digitized by the Special Collections staff or by the staff of the Digital Technologies Department at the Marriott Library. The digitization process produces electronic archives of excellent quality. The utmost care is taken to preserve both the print form and the digital archive for future generations to enjoy.

Joan Stoddart, Deputy Director of Eccles Library and Valeri Craigle, Adjunct Librarian, will assign metadata to digitized items and post them to a website. Our goal is to make these fascinating resources easily accessible to the public by designing a Web interface with multiple entry points to the materials, sophisticated browsing capabilities, and advanced search options.

So far, our research has uncovered some fascinating information about the pioneers who contributed so much to the development of the health sciences in Utah. The people who built this institution were not only brilliant physicians, professors, and administrators, but also noted explorers, artists, scientists, and humanitarians, many with outstanding international reputations. We hope that this collection will reflect the standard of excellence the University of Utah has set for medical education and research in Utah and throughout the world. We are pleased to have the opportunity to preserve our remarkable history both for this generation and for generations to come.



For more information about the project, or to contribute departmental histories or photographs, please contact Joan or Valeri at the Eccles Library at 581-8771. This project has been made possible by a generous grant from the Marriner S. Eccles Foundation.

Excel Course Is Up and Running

If you have missed the Excel course, it's back! Allyson Mower has revitalized the Microsoft Excel class for 2004. On Monday, January 26 (Part 1) and Monday, February 2 (Part 2) basic courses will be offered on how to use the Excel program. The class will provide instruction on how to enter information, create charts, import data and format workbooks. The class will also cover the details that help in designing and maintaining a useful, accessible, organized spreadsheet with ease. All are welcome to attend!

See page 5 or visit the Workshops and Classes Web page for additional class dates and to register. Please contact Allyson Mower at 801-581-5534 or by email at amower@lib.med.utah.edu for more information.

IAIMS Newsletter *Deadline and Mailing List*

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)
Assistant Editor: Bonnie Fox (bfox@lib.med.utah.edu)

The deadline for the Summer 2004 issue of the *IAIMS Newsletter* is Monday, May 10, 2004.

The *IAIMS Newsletter* is available electronically at **http://medlib.med.utah.edu/library/edumaterials/iaims/iaims.html**

To receive a copy of the electronic version in PDF format, send an email message to: majordomo@lib.med.utah.edu. The text of the message should include ONLY the following words: subscribe IAIMS.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5890
VOICE: 801-585-6744; FAX: 801-581-3632
EMAIL: jeannele@lib.med.utah.edu

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SALT LAKE CITY UT 84112-5890

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Salt Lake City, Utah
Permit Number 1529

The Spencer S. Eccles Health Sciences Library

Spring Semester 2004 Hours

Hours are subject to change—Call 801-581-8773 for current hours

January 5 to June 18

Monday to Thursday	7:00 A.M-11:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-8:00 P.M.
Sunday	11:00 A.M-11:00 P.M.

The Library will be open

Martin Luther King Jr. Day: Monday, January 19	7:00 A.M-11:00 P.M.
President's Day: Monday, February 16	7:00 A.M-11:00 P.M.
Memorial Day: Monday, May 31	7:00 A.M-11:00 P.M.

Regular Summer Semester Hours June 19-August 26

Monday to Thursday	7:00 A.M-10:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-6:00 P.M.
Sunday	12:00 P.M.-6:00 P.M.

The Library will be closed

Fourth of July: Sunday, July 4
Pioneer Day: Saturday, July 24

Phone Numbers

Acquisitions	801-587-9247
Administration	801-581-8771
Hours/Renewals	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4685
Gifts to Library	801-587-9247
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Media Services	801-581-8052
Outreach	801-587-3493
Regional Medical Library	800-338-7657 801-587-3412
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

The *IAIMS Newsletter* is published 3 times a year (August, January, May), with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah
Editor: Jeanne Le Ber
Phone: 801-585-6744
Fax: 801-581-3632
Email: jeannele@lib.med.utah.edu
URL: http://medlib.med.utah.edu/

IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Summer 2004 Volume 19 Number 3

PLoS Medicine *Accepting Submissions*

New discoveries about human health and disease will be made freely and immediately available to anyone in the world with an Internet connection—from physicians and researchers to patients and policy makers—in a new open-access medical journal, *PLoS Medicine*, to be launched in autumn, 2004.

"Thanks to the Internet and new strategies for financing publication costs, it is now possible to share the results of medical research with anyone, anywhere, who could benefit from it. How could we not do it?" argued Dr. Harold E. Varmus, Nobel laureate, former National Institutes of Health Director, and one of the co-founders of the Public Library of Science.

PLoS is a non-profit organization whose mission is to make reliable scientific and medical literature a public resource. PLoS announced that it will publish *PLoS Medicine*, an open-access, international, general medical journal, beginning fall 2004. A "call for papers" has been issued, indicating that the journal is now accepting submissions.

For more information about *PLoS Medicine* visit their website at http://www.plosmedicine.org/medicine/

Slice of Life Workshop for Multimedia in Medical Education
Pre-workshops—June 28-30, 2004 Amsterdam
Meeting—July 1-3, 2004, Leiden
Sponsored by the Eccles Health Sciences Library
Academic Medical Center at the University of Amsterdam
Leiden University Medical Center
For more information visit http://slice.gsm.com

Access Grid Available for Use

The Spencer S. Eccles Health Sciences Library, in collaboration with the Center for High Performance Computing (CHPC), has installed an Access Grid (AG) node. With technical support from Jimmy Miklavcic of CHPC, high-end audio and visual equipment have been placed in the library's History of Medicine Room, enabling state-of-the-art interactive, multi-media collaborations. Access Grid (AG) is used for large-scale distributed meetings, collaborative work sessions, seminars, lectures, tutorials, and training. The AG technology was developed by the Futures Laboratory at Argonne National Laboratory and is now used at over 150 institutions worldwide. For more information visit http://www.accessgrid.org/

Faculty and staff wishing to utilize this new technology for communication or collaboration with colleagues should contact Nancy Lombardo (nancyl@lib.med.utah.edu or 801-581-5241).

Jimmy Miklavcic demonstrates the Internet2 Access Grid at InfoFair 2004. The Access Grid is located in the History of Medicine Room at the Eccles Library.

In This Issue

PLoS Medicine Accepting Submissions 1
Access Grid Available for Use 1
Introducing . . . Hang Wong & Microsoft Excel 2
International Document Delivery Services Popular 2
Welcoming Frankenstein 3
Neurobiology and Anatomy Multimedia Coordinator 3
The Need to Categorize and Connect: Microsoft Access . . . 4
Suggest-a-Purchase & ULA Certificate of Achievement . . . 4
Library Workshops and Classes & WRC Classes 5
Librarians Bring Hi Tech Expertise to San Francisco 5
New Videocassettes Available 6
Virtual Reference Service in Utah 6
Faculty Development Services 6
Faculty and Staff Posters, Presentations and Publications . 7
IAIMS Newsletter Deadline and Mailing List 7
Summer Library Hours and Phone Numbers 8

Introducing . . . Hang Wong

Network Administrator
Spencer S. Eccles Health Sciences Library

The “Introducing ...” column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Hang Wong.

Hang Wong was raised by his grandparents in Vernal (aka Dinosaurland) until he graduated from Uintah High in 1994. He attended the University of Utah with a four year Presidential and Sterling Scholar Scholarship majoring in Computer Science. Having switched his major for something more personable, he graduated magna cum laude with a B.S. degree in Accounting in 1998.

During college, Hang worked for an advertising department as a graphic designer. He also operated his own consulting business which was ranked as one of the Top 100 Utah Small Businesses by *Salt Lake Magazine* in 1998. Upon graduating, he continued his affiliation with the University of Utah working for Human Genetics as a system administrator for three years. Prior to Eccles Library, Hang served as the CFO/CIO for a private investment company for two years. When asked why he left his previous position, he said, "I wanted to do something that was more fulfilling and meaningful, however, I do miss the 'perks' of the private sector."

During his spare time, Hang enjoys movies, traveling, roller coasters, and cooking for friends. His current interest is flying. He has been behind the controls of a private jet, single engine prop and a gyrocopter. Hang can often be found at Home Depot getting materials for his or his friends' latest project.

Give Input and Get Help on Microsoft Excel

How do you use Microsoft Excel as a health science professional? Do you use the program to calculate and analyze data? What kind of calculations do you use the most? Are there areas you are struggling with that should be covered in a course at the Spencer S. Eccles Health Sciences Library?

Please contact Allyson Mower (amower@lib.med.utah.edu or 801-581-5534) at Eccles Library and provide input on what would be helpful to focus on within the Excel course or to get assistance on a particular aspect of the software.

International Document Delivery Services Popular

The Spencer S. Eccles Health Sciences Library has been offering library services to international institutions since 1999. The international services began with a project in Cyprus and have expanded to 14 institutions and individuals, in 9 countries. The Eccles Library has found that offering services to these seemingly far flung locations is no more difficult than offering services to active faculty in our own institution.

Electronic document delivery services are the most popular and easiest to provide. Adding an international institution is, in most cases, as simple as adding a new research faculty. To minimize issues with multi-national financial transactions, deposit accounts or credit cards are used for payment.

Document delivery is provided electronically to the following sites:

- National Hospital Health Sciences Libraries
  Nicosia, Cyprus; Since February 1999
- University Sts Cyrill and Methodius Medical Library
  Skopje, Macedonia; Since November 1999
- Pirogov Hospital
  Sofia, Bulgaria; Since May 2000
- Tribhuvan University Teaching Hospital
  Kathmandu , Nepal; Since September 2000
- Belarus Medical Libraries
  Minsk , Belarus; Since February
- Patan Hospital
  Kathmandu , Nepal; Since March 2001
- Lalitpur Hospital
  Kathmandu , Nepal; Since March 2001
- Higher Medical Institute Library
  Plovdiv, Bulgaria; Since May 2001
- KAT-Medical Library
  Athens, Greece; Since November 2002
- Individual Client
  Larnaca, Cyprus; Since May 2003
- Centros Médicos Docente Adaptógenos
  Caracas, Venezuela; Since October 2003
- Individual Client
  Lima, Peru; Since January 2004
- Clients at Universidad de Buenos Aires (UBA)
  Buenos Aires, Argentina; Since January 2004
- InterCollege
  Nicosia, Cyprus; Since January 2004

The Eccles Library has found this service to be immensely gratifying. The international sites are thrilled to have access to the world's best and most current literature.

For more information about these collaborations, please contact Nancy Lombardo (nancyl@lib.med.utah.edu or 801-581-5241).

Welcoming Frankenstein

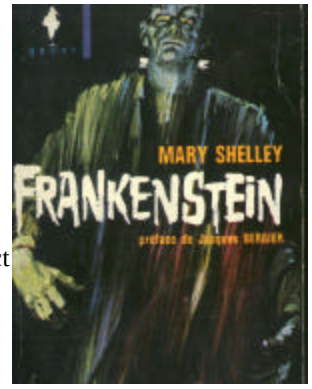
Frankenstein: Penetrating the Secrets of Nature, a traveling exhibit created by the National Library of Medicine in collaboration with the American Library Association, comes to the Salt Lake City Public Library July 7-August 20, 2004. In honor of this event, the Spencer S. Eccles Health Science Library and the Utah Science Center will offer their own exhibits to further engage the public with activities and discussions.

In support of the Frankenstein exhibit, the Eccles Library will offer a supplementary exhibit on their main floor, which will offer a rare glimpse into their History of Medicine collection. Visitors will be treated to a viewing of the 19th century medical instruments collection along with the historical medical literature of Shelley's time. These items detail some of the predominant theories of life, death, and medical ethics in the mid to late 19th century, theories that Mary Wollstonecraft Shelley herself reflected on as she wrote her famous novel.

Accompanying the main exhibit at the public library will be the Utah Science Center's *The Body Electric*. This exhibit will be a major component of the Utah Science Center when it opens in 2006 as part of the Leonardo @ Library Square, a center for art, culture, and science. *The Body Electric* offers several engaging activities, inviting the public to experiment with their own bioelectrical phenomena. Participants can measure their own "auras" with ECG, EMG, a lie detector device, and by playing the Theremin, the world's first electronic musical instrument.

As a continuation of the Utah Science Center's activities, there will be a film/panel discussion series beginning August 5 at the Salt Lake City Public Library. The purpose of the series is to investigate bioelectrical phenomena in all its forms. The series will begin with the viewing of *Struck by Lightning*, a film by Salt Lake City's own Jan Andrews. Jan will lead a panel discussion on the topics of bioelectricity, lightning, and the diagnosis and treatment of bioelectric disorders. The film/panel discussion series is offered free to the public every third Thursday of the month.

Please join the Salt Lake City Public Library, the Utah Science Center, and the Spencer S. Eccles Health Sciences Library as we celebrate Frankenstein's arrival in Salt Lake City this July and August 2004.



For more information please contact Valeri Craigle (vcraigle@lib.med.utah.edu or 801-581-5263).

Neurobiology and Anatomy Multimedia Coordinator

In the past two fiscal years, new state and federal funds earmarked for education have come to various medical school departments. These funds are based on their contributions to the institution's education mission.

The Department of Neurobiology and Anatomy carries out a major part of the teaching of freshman and sophomore medical students and extensive training of graduate students and postdoctoral fellows. This department regularly receives high ratings from students for its medical courses and has several award-winning teachers on its faculty.

The Neurobiology and Anatomy faculty decided to use a portion of the new education funds to support an education coordinator devoted to further improving the department's teaching capabilities. In January, Laura Dahl was hired as the Multimedia Coordinator to realize this mission of improving teaching through technology.

Laura assists the faculty in digitizing and standardizing course materials; making effective use of computer-based teaching technologies; facilitating compliance with copyright law in preparation of teaching materials; re-designing and maintaining the department's websites; and assisting faculty and students in preparing scientific presentations.

Her office is located in the Spencer S. Eccles Health Sciences Library, Room 007 on the lower level.

Laura has a B.S. in Biology and Education from the University of Utah. She is a fun-loving mother of three who can often be found reading, cycling, or working in her garden; and one of her greatest desires is to help and be a support to faculty and students in need.

Visit many of Laura's developing resources at http://www.neuro.utah.edu. For more information, contact Laura Dahl (laura@neuro.utah.edu or 801-585-3150).

The Need to Categorize and Connect: Microsoft Access

Allyson Mower, M.A., Reference Associate
Spencer S. Eccles Health Sciences Library

Microsoft Access serves as a management system for users who want to create or work with a relational database. At the basic level, relational databases function by connecting different categories (tables) of data by means of a related field, much the same way we use language.

Without knowing it, a sentence becomes an analogy of how a relational database works. For example, the sentence **Mountains and buildings have a relationship**, has a linguistic connection with the use of **and**. The word **and** serves as the connector, which gives the two objects a chance to have a relationship not otherwise possible.

In reality, mountains and buildings occupy different spheres, but by putting them into a sentence with the conjunction **and**, the writer has created a relationship. This example symbolizes the nature of a relational database. Access is the tool to manage the system. The developer creates the appropriate categories and decides which data from respective tables should be connected.

The basic theoretical aspect is categorization. It becomes nearly impossible for a relational database to properly function if it does not have sufficient categories with appropriate relational fields. Truly, the first step in developing a database, using Access or not, is organizing data into structured, logical categories. If a developer overlooks this step, databases can become difficult systems to work with.

It is not expedient to input data into an Access document without having organized it first. The developer must break down his/her data to the smallest possible point under a logical category. The process is similar to MeSH (Medical Subject Headings). By order of a hierarchy, the major topic is taken apart to show its smaller elements.

The developer should take a similar approach when creating a database. One must decide what should be placed in a given category. Do **X** and **Y** belong together or should they be separated into different categories? Once categories are created and filled, they should be double-checked for further possibilities of reduction.

The Spencer S. Eccles Health Sciences Library will be offering a revitalized Access course this coming August 2004. The course will cover the areas of organization and categorization in addition to providing training on the components and techniques of the software itself. The class will also offer participants individual assistance at any point of the database creation process. Please see the library's website for specific dates (**http://registration.med.utah.edu/classes.cfm?textonly=false**).

Suggest-a-Purchase!

Help the library get what you need—suggest a purchase!

The Spencer S. Eccles Health Sciences Library has developed an online form for suggesting purchases. You can submit suggestions electronically via the **Suggest-a-Purchase** link from the Eccles Library's Catalog, or from our About Us page. The request is submitted to the Collection Development department via email.

The **Suggest-a-Purchase** form asks for contact information so that we can get in touch with you to clarify any questions we might have, and to let you know if the suggested purchase has been made. Please submit as much information as you know about the item including author, title, year of publication, edition, publisher, etc.

To access the **Suggest-a-Purchase** form, go the Eccles Library's Catalog and select **Links** from the menu bar on the left. Or, from Eccles Library's home page, select **About Us** from the menu bar on the left, and scroll down to the **Suggest-a-Purchase** link.

In addition to the above links, you can access this feature at http://medstat.med.utah.edu/library/suggestions/patron_suggestions.html Contact Alice Weber, Collection Development Librarian (aweber@lib.med.utah.edu or 801-587-9247) if you have questions.

ULA Certificate of Achievement Awarded to Amy Birks

The Utah Library Association awarded the Paraprofessional Certificate of Achievement to Amy Birks, Eccles Library, Library Specialist on Friday, May 8 at the 2004 annual conference. This award is designed to recognize the involvement and contribution of career-oriented library paraprofessionals in Utah and to acknowledge their support of libraries and librarianship.

The certificate recognizes Amy's experience, education and professional development along with demonstrated knowledge in Public Services, Technical Services, Automation and Administration and Management.

Amy was born and raised in Salt Lake City, Utah. She graduated from the University of Utah with a B.A. in Sociology in 1998. She joined the staff at the Eccles Library on April Fool's Day, 1997, working in the Interlibrary Loans department. A ULA member since 1998, Amy has held many positions in the ULA Health Round Table. Amy has shared her expertise with ULA in presentations including: Utah Consumer Health Information Network, MedlinePlus and on mental health resources. She enjoys her "free" time with her husband and three children.

Library Workshops and Classes

Tours and Orientations
To schedule call 801-581-5534 or email Mary McFarland at marym@lib.med.utah.edu

Access	**Large PC Lab**
To be announced	
Basic Design	**Small PC Lab**
To be announced	
Bibliographic Management	
EndNote (version 7)	**Small PC Lab**
Friday, July 9, 2004	2:00 P.M.-4:00 P.M.
Monday, July 19, 2004	2:00 P.M.-4:00 P.M.
Friday, August 13, 2004	2:00 P.M.-4:00 P.M.
Contribute	**Large PC Lab**
To be announced	
Dreamweaver, Part 1	**Small PC Lab**
To be announced	
Dreamweaver, Part 2	**Small PC Lab**
To be announced	
Excel Essentials, Part 1	**Small PC Lab**
Monday, June 7, 2004	10:30 A.M.-Noon
Tuesday, July 13, 2004	10:30 A.M.-Noon
Monday, August 9, 2004	10:30 A.M.-Noon
Excel Essentials, Part 2	**Small PC Lab**
Monday, June 14, 2004	10:30 A.M.-Noon
Tuesday, July 20, 2004	10:30 A.M.-Noon
Monday, August 16, 2004	10:30 A.M.-Noon
Grant Writing and Research	**Large PC Lab**
Resumes Fall Semester 2004	
PowerPoint, Basic Presentations	**Large PC Lab**
Wednesday, July 7, 2004	9:00 A.M.-11:00 A.M.
Wednesday, July 21, 2004	9:00 A.M.-11:00 A.M.
PowerPoint, Advanced Techniques	**Large PC Lab**
Friday, July 30, 2004	9:00 A.M.-11:00 A.M.
PowerPoint, Animation Part 1 and 2	**Small PC Lab**
To be announced	
PowerPoint, Posters	**Large PC Lab**
Monday, August 2, 2004	3:00 P.M.-4:00 P.M.
PubMed MEDLINE Basics	**PC Labs**
Tuesday, June 1, 2004	10:30 A.M.-NOON
Monday, June 14, 2004	10:30 A.M.-NOON
Tuesday, July 13, 2004	1:00 P.M.-2:30 P.M.
Wednesday, July 28, 2004	10:00 A.M.-11:30 A.M.
Tuesday, August 10, 2004	10:30 A.M.-NOON
Scanning with Adobe Photoshop	**Small PC Lab**
Monday, August 9, 2004	2:00 P.M.-4:00 P.M.
Government Statistics on the Web	**Large PC Lab**
Resumes Fall Semester 2004	9:00 A.M.-10:00 A.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Online registration is required for all classes. For more information see the Eccles Library Web page at **http://registration.med.utah.edu/classes.cfm?textonly=false** or please call 801-581-7535 or 801-585-6744.

Web Resource Center Classes

HTML, Part 1	**Large PC Lab**
Tuesday, May 25, 2004	1:00 P.M.-3:00 P.M.
Wednesday, June 2, 2004	10:00 A.M.-Noon
Thursday, June 3, 2004	11:00 A.M.-1:00 P.M.
HTML, Part 2	**Large PC Lab**
Thursday, May 27, 2004	10:00 A.M.-Noon
Tuesday, June 8, 2004	10:00 A.M.-Noon
Thursday, June 10, 2004	11:00 A.M.-1:00 P.M.
HTML, Part 3	**Large PC Lab**
Tuesday, June 1, 2004	1:00 P.M.-3:00 P.M.
Tuesday, June 15, 2004	10:00 A.M.-Noon
Wednesday, June 16, 2004	11:00 A.M.-1:00 P.M.

Attendees must be able to use a PC Windows environment and be comfortable browsing the Web. Course descriptions are provided under the *HTML Series* link at **http://uuhsc.utah.edu/wrc/community/classes/** To register online click on the link to *Registration Form* at the same URL. It is suggested that students sign up for one session from Part 1, Part 2 and Part 3.

Librarians Bring Hi Tech Expertise to San Francisco

Chuck Norlin, M.D., of the Department of Pediatrics at the University of Utah, and librarians and staff from the Spencer S. Eccles Health Sciences Library presented a workshop on "Using Digital Technologies to Support Teaching and Programs" at the Pediatric Academic Society's 2004 Annual Meeting in San Francisco on May 4, 2004. Eccles Library presenters included John Bramble, Sharon Dennis, Mary McFarland and Susan Roberts.

The three-hour hands on program received praise and high marks from participants. The workshop focused on four areas of hardware and software technology: personal digital assistants (PDA), tablet PC computers, course-development tools and Web-based videoconferencing. Reports from the attendees showed a wide range of interest and knowledge in digital technologies with desire to learn more. Dr. Norlin invited interested audience members to initiate future collaborations and/or partnerships in using digital technologies to enhance the educational process.

Eccles Library staff invites University of Utah faculty to contact them to learn more about the use of these technologies in their own curriculum. Handouts from the workshop can be found at http://medstat.med.utah.edu/PAS/handouts.html

New Videocassettes Available

The Spencer S. Eccles Health Sciences Library has recently acquired a number of vidoecassettes, including some NCME programs. Title received by the library include the following:

VT3 2003-51	Identifying and Managing Depression NCME (DVD 2003-52)
VT3 2004-1	College of DuPage Satellite Network 1/23/04 Soaring to Excellence—A Technology Toolkit (DVD 2004-2)
VT3 2004-3	College of DuPage Satellite Network 2/6/04 Soaring to Excellence—New Tools for Digital Reference (DVD 2004-4)
VT3 2004-5	Sexually Transmitted Diseases, Excluding HIV/AIDS—NCME (DVD 2004-6)
VT3 2004-7	Colorectal Cancer Screening, Management, and Prevention 2004—NCME (DVD 2004-8)
VT3 2004-9	Medical Library Association 3/10/04 Roles and Essential Skills for the Expert Searcher (DVD 2004-10)
VT3 2004-11	College of DuPage Satellite Network 3/12/2004 Web Filtering, Policies, Software, Staff Training and CIPA (DVD 2004-12)
DVD 2004-13	On Old Age I: A Conversation with Joan Erikson at 90
DVD 2004-14	On Old Age II: A Conversation with Joan Erikson at 92
DVD 2004-15	These Vital Years: A Conversation with Betty Friedan at 76
DVD 2004-16	Older Brains, New Connections: A Conversation with Marian Diamond at 73
DVD 2004-17	Aging Successfully: Psychological Aspects of Growing Old
DVD 2004-18	Erik H. Erikson: A Life's Work
VT3 2004-19	Sports-Related Injuries in Children: Recognition and Management (DVD 2004-20)
VT3 2004-21	College of DuPage Satellite Network 3/26/04 Soaring to Excellence—Skills for Advancement (DVD 2004-22)
VT3 2004-23	The Obesity Epidemic, Part 1 (NCME) (DVD 2004-24)
VT3 2004-25	College of DuPage Satellite Network 4/16/04 Preparing for the Future of Digital Reference (DVD 2004-26)
VT3 2004-27	Movement Disorders Volume 18 Issues 7-12

Tapes and DVDs can be viewed and/or checked out at the Public Services desk on the main level of the Eccles Library. Any questions you have about NCME videos or other multimedia materials can be directed to Nancy Litz (nelitz@lib.med.utah.edu or 801-581-8052).

The Librarian Is In! Virtual Reference Service in Utah

Are you a distance ed student or unable to get to the library to pursue your research? Tired of traffic and construction and parking woes? You can still get expert advice and explore new online resources along with health sciences and academic librarians from across the country via 24/7—virtual reference.

The 24/7 software allows remote patrons to request help from a reference librarian via chat, receive answers and suggested sources, be guided through the research process, share Web pages, get an emailed transcript of the chat and Web page links. No software needs to be downloaded on the patron side.

The Spencer S. Eccles Health Sciences Library started providing virtual reference service this past year to the health sciences community from 8:00 A.M. to 5:00 P.M. Mountain Time. If you are interested in learning more about this service contact Mary Youngkin, Head Public Services (maryy@lib.med.utah.edu or 801-581-5534).

Faculty Development Services

The Spencer S. Eccles Health Sciences Library provides services, support and resources for faculty course development and enhancement. The library staff can help faculty take full advantage of the latest instruction techniques, technologies and tools.

What can we do for you?

Services include scanning slides, transparencies and overheads to digital images; scanning and placing materials on electronic reserve; providing mobile curriculum tools and applications (handheld devices, laptop computers, Tablet PCs, and wireless network utilization); and access to our digital video studio (tools for creating video content, broadcast, store and replay lectures, special events and speakers).

Support services include teaching evidence-based searching skills; teaching information literacy skills; help converting your course to WebCT; providing student orientations to the Eccles Library; developing distance and continuing education tools and materials; providing instruction in the use of databases (PubMed, CINAHL, etc.), software applications (PowerPoint, Excel, Access, etc.), HTML and Web building tools (Dreamweaver, etc.) and bibliographic management (EndNote, Reference Manager, RefWorks).

Resources include help identifying and acquiring materials for your course, access to over 500 databases, and full-text access online to textbooks and journals.

If you are interested in learning more about these services contact Jeanne Le Ber, Education Services (jeannele@lib.med.utah.edu or 801-581-5534).

Faculty and Staff Posters, Presentations and Publications

Pediatric Academic Society, May 4, 2004 in San Francisco
Workshop

Chuck Norlin**, John Bramble, Sharon Dennis, Mary MacFarland and Susan Roberts**

- Using Digital Technology to Support Teaching and Programs

Utah Library Association, May 7-8, 2003 in Odgen, Utah
ULA Posters

Amy Birks

- Mental Health and You

Jeanne Le Ber

- Walking for Fun and Fitness

Jeanne Le Ber, Nancy Lombardo and John Bramble

- Handheld Devices: PDAs in a Clinical Rotation

Joan Stoddart

- Utah Health Sciences Library Consortium: 30 years of Growth 1974-2004

Liz Workman

- Creating Sound Recordings for Online Access: The 24 Languages Audiofile Project

ULA Presentations

Jeanne Le Ber, Nancy Lombardo, Lesli Baker, Ann Goebel Brown and Daren Olsen

- New Technologies for Instruction panel

Nancy Lombardo and Valeri Craigle

- Neuro-Ophthalmology Virtual Education Library: An Eye to the Future

Sally Patrick and Alice Weber

- Garlic to Ginseng: Challenging Alternative Medicine Queries @ Your Library

Liz Workman, Dawn Carroll, Sandy Eckersley, Cynthia Hinckley

- Special Populations: Serving Children Experiencing a Health Issue

Medical Library Association, May 21-26, 2004 in D.C.
MLA Posters

John Bramble and Sally Patrick

- Utah Consumer Health Information Initiative: Empowering Health Information Consumers Through Local Public Libraries

Sharon Dennis

- Have Mobile Videobroadcasting Unit, Will Travel: Training Librarians to Offer "Any Place, Any Time" Classes and Events Via Streaming Video

Sharon Dennis, Sandra McIntyre, **Shona Dippie**, Joy Summers-Ables, Shari Clifton, S. Uijtdehaage, Chris Candler

- Librarians Empowering Health Science Educators: Collection Development in an International Multimedia Digital Library

Shona R. Dippie, Sharon E. Dennis, Sebastian Uijtdehaage, David Geffen, Chris Candler, Sandra McIntyre

- Combined Power of Metadata Standards and Controlled Vocabularies in a Health Sciences Education Digital Library

Nancy Lombardo and Valeri Craigle

- Neuro-Ophthalmology Virtual Education Library

MLA Presentations

Alice Weber

- Imparting the Power of the Library to the College of Nursing

Liz Workman

- The 24 Languages Audio Files Project

Recent Publications

Dennis, S. (2004, April 30). "Picturing the Human Body." *Science*. 304:657 or http://www.sciencemag.org/cgi/reprint/304/5671/657d.pdf.

Le Ber, J.M., Lombardo, N.T., Weber, A., Bramble, J. (2004) "Portable Classroom Leads to Partnership." *Medical Reference Services Quarterly*. 23(2): 41-48.

Lombardo, N.T., Digre, K.B, and Frohman, L. (2004) "A Virtual Neuro-Ophthalmology Library (NOVEL) in Utah." *Journal of Neuro-Ophthalmology*. 24(1), 91.

Lombardo, N.T. and Hansen, C. (2004, March) "So Many Meetings, so Little Time: Using IP Videoconferencing to Revitalize Statewide Committees." *LIBRES: Library Information Science Research Electronic Journal*. 14(1). Retrieved April 22, 2004, from http://libres.curtin.edu.au/libres14n1/index.htm

Workman, T.E. (2004). "Outreach Efforts at the Hope Fox Eccles Clinical Library." In: *Outreach to Equity: Innovative Models of Policy and Practice*. Chicago: American Library Association.

IAIMS Newsletter *Deadline and Mailing List*

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)
Assistant Editor: Bonnie Fox (bfox@lib.med.utah.edu)

The deadline for the Fall 2004 issue of the *IAIMS Newsletter* is Monday, August 9, 2004.

The *IAIMS Newsletter* is available electronically at **http://medlib.med.utah.edu/library/edumaterials/iaims/iaims.html**

To receive a copy of the electronic version in PDF format, got to http://lib.med.utah.edu/mailman/listinfo/iaims, enter your email address and name (optional), and click on the Subscribe button. You will receive an email stating the newsletter has been published with a link to the pdf copy.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5890
VOICE: 801-585-6744; FAX: 801-581-3632
EMAIL: jeannele@lib.med.utah.edu

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The Spencer S. Eccles Health Sciences Library

Summer Semester 2004 Hours

Hours are subject to change—Call 801-581-8773 for current hours

Summer Semester Hours May10 to June 18

Monday to Thursday	7:00 A.M-11:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-8:00 P.M.
Sunday	11:00 A.M.-11:00 P.M.

Summer Semester Hours June 19 to August 22

Monday to Thursday	7:00 A.M-10:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-6:00 P.M.
Sunday	Noon-6:00 P.M.

The Library will be closed
Fourth of July: Sunday, July 4
Pioneer Day: Saturday, July 24

Regular Fall Semester hours resume Monday, August 23.

Phone Numbers

Acquisitions	801-587-9247
Administration	801-581-8771
Hours/Renewals	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4685
Gifts to Library	801-587-9247
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Media Services	801-581-8052
Outreach	801-587-3493
Regional Medical Library	800-338-7657 801-587-3412
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

The *IAIMS Newsletter* is published 3 times a year (August, January, May), with 1 InfoFair Supplement, by: The Spencer S. Eccles Health Sciences Library at the University of Utah
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URL: http://medlib.med.utah.edu/

IAIMS NEWSLETTER

A publication of the Spencer S. Eccles Health Sciences Library at the University of Utah

Summer 2005 Volume 20 Number 3

Health Sciences Education Building The Next Horizon

With the completion of the construction of the Spencer F. and Cleone P. Eccles Health Sciences Education Building, we are entering the next exciting phase in the development of this terrific new facility. Following "substantial completion" on June 3, the University takes possession of the building and the next phase begins: installing equipment, computers and networks and moving existing furniture/equipment. The equipment, fixtures, and inventory for the new Health Sciences Bookstore will be moved in; and the Point Bistro, which is being operated by the staff that manages the Point Restaurant, will be set up. During the last two weeks of June, the building will undergo a "flush-out" period that will allow the toxic fumes associated with the construction to be cleared from the building. This is part of the LEED certification process.

From the beginning of the construction of the Health Sciences Education Building, there has been a tremendous inter-disciplinary community effort that has made the success of the building possible. The variety of perspectives this team brought to the design and construction process has truly resulted in a building that will serve the entire Health Sciences Center community. The building now provides us with a wonderful venue for exploring interdisciplinary education.

Mark your calendar for the Grand Opening of the Spencer F. and Cleone P. Eccles Health Sciences Education Building on August 31, 2005 at 4:30 P.M. A special student Grand Opening will be held at noon on September 1, 2005.

Top: Mural by Galina Perova; trial installation
Left: Bridge, under construction, between the Spencer S. Eccles Health Sciences Library and the Spencer F. and Cleone P. Eccles Health Sciences Education Building
Photos by Wayne J. Peay

In This Issue

Health Sciences Education Building - The Next Horizon . . 1
Introducing . . . Sarah Page 2
Faculty and Staff Posters, Presentations & Publications . . . 2
New Online Resources 3
Breeze Live Demonstration and Training Offered 3
Major Developments in Open Access 4
Tablet PC Pilot Project 5
WebCT - Online Course Tools for Teaching 5
Library Workshops and Classes 6
Classroom Control System Training 6
Multidisciplinary Use of the Clinical Suite in HSEB 7
IAIMS Newsletter Deadline and Mailing List 7
Summer Semester Library Hours and Phone Numbers . . . 8

Introducing . . . Sarah Page

Administrative Office Assistant
Spencer S. Eccles Health Sciences Library

The "Introducing ..." column is a regular feature that profiles an employee of the Spencer S. Eccles Health Sciences Library. It is a way of introducing our staff to you. This month features Sarah Page.

My name is Sarah Page. I am the office assistant in the administration office at the Spencer S. Eccles Health Sciences Library. I started this position at the beginning of the year, but I have worked with the library since 2003 as a library assistant in Public Services. My main duties are to provide office support for the library staff and faculty.

I attended the University of Utah to earn my Bachelor of Science degree in Anthropology, which I received in 2004. Before that, I attended Salt Lake Community College and received an Associate of Science degree in General Studies in 2001. I also attended Utah Valley State College for a semester before transferring to the University of Utah.

My future goal is to take the GRE and then attend Graduate School here in the west. I will be focusing my schooling on archaeology, specifically prehistoric archaeology. My desire is to study past cultures either here in the Great Basin or in the Southwest. Though, if a university offered me a scholarship and career in Egyptology I wouldn't hesitate!

This past summer I attended the University of Utah's Summer Field School in archaeology. We spent almost two full months down in Range Creek, near Price, Utah, surveying and recording Fremont sites. This was a great experience for me. It not only confirmed my interest in archaeology, it also made me grateful that I went into this field. I would love to go back!

Faculty and Staff Posters, Presentations and Publications

North American Neuro-Ophthalmology Society Annual Meeting, Copper Mountain, Colorado, February 15, 2005 Presentation

Nancy Lombardo and Valeri Craigle
- The Neuro-Ophthalmology Virtual Education Library (NOVEL)

Utah Library Association, May 11-13 in Odgen, Utah
ULA Posters

Amy Birks
- Mental Health Matters Every Day

Jeanne Le Ber
- Fact or Fraud!: A Critical Evaluation of Popular Health Trends on the Web

Jeanne Le Ber and Nancy Lombardo
- Teaching Teachers to Teach with Tablet PCs

ULA Presentations

John Bramble, Valeri Craigle, Nancy Lombardo and John Nelson
- There Is No Time Like The Present: Librarians Learning the Digital Language of the Future

Valeri Craigle, Nancy Lombardo and Sally Patrick
- Atkins, Augmentation, and the FDA: Finding Facts About Today's Top Health Trends

Medical Library Association, May 14-20, 2005-San Antonio.
MLA Continuing Education 8-Hour Course

John Bramble, Jeanne Le Ber and Nancy Lombardo
- Technology Update: New Technologies Used in Health Sciences Education and Training

MLA Posters

Joan Gregory, Mike Thelin, L. Haggard, **Claire Hamasu and Molly Youngkin**
- OPHL: Online Public Health Library.

Erinn E. Aspinall, Patricia Bradley, Jonathan Eldredge, **Claire Hamasu,** Jeanette McCray and Janis Teal
- Multi-institutional Collaborative Grants: Managing Geographic and Institutional Diversity

Nancy Lombardo and Joan Gregory
- International Resource Sharing

Nancy Lombardo and Valeri Craigle
- The Neuro-Ophthalmology Virtual Education Library

MLA Presentations

Joan Gregory, Alice Weber and Shona Dippie
- Innovative Roles for Technical Services Librarians: Enhancing Our Outreach.

Jeanne Le Ber and Nancy Lombardo
- Celebrating a New Home for Health Sciences Education with New Technology for Teaching

MLA Special Interest Group Convener

Jeanne Le Ber and Cathy Rhodes
- Libraries in Curriculum, SIG

Recent Publications

Smith, J.A., **Lombardo, N.T**. (2005) Patient education workshop on CD-ROM: An innovative approach for staff development. *Journal for Nurses in Staff Development.* 21, (2):43-46.

New Online Resources

The Spencer S. Eccles Health Sciences Library has added a number of online resources to their collection. Lexi-Comp and UpToDate are on a one-year trial subscription funded by a generous donation from the Spencer S. Eccles family. At the end of this trial, the library will be seeking partners to assist in the ongoing funding of these resources for the University of Utah Health Sciences Center.

Evidence-Based Medicine Focus

DynaMed

- An evidence-based database of over 1,800 clinical topic summaries in a wide range of specialties designed for use at the point-of-care, providing best available evidence
- Can assist residency programs in meeting the ACGME requirements
- Updated daily
- Campus-wide and remote access. Click on Login/Enter to begin
- Unlimited number of users
- *http://www.dynamicmedical.com*

ACP PIER

- American College of Physicians Physicians' Information and Education Resource
- Peer-reviewed evidence-based decision support tool for internal medicine
- Web-based for point-of-care use to improve clinical care
- Campus-wide and remote access
- 5 concurrent users
- *http://online.statref.com/default.asp?grpalias=eccles*

UpToDate

- Summaries of published clinical evidence and recommendations for patient care
- Health Sciences Campus access – no remote access
- Unlimited number of users
- *http://www.utdol.com/enterprise.asp?bhcp=1*

Online Textbooks

AccessMedicine

- Online textbooks include: Harrison's Online, Hurst's The Heart, Goodman & Gilman's Pharacological Basis of Therapeutics, The Metabolic and Molecular Basis of Inherited Disease (MMBID), Lange Educational Library of 22 review textbooks, and Lange Self-Assessment Tool (USMLEasy) for Step 1 and 2 preparation
- Also includes a drug database and patient education materials
- Campus-wide and remote access
- 2 concurrent users
- *http://www.accessmedicine.com*

Databases

Lexi-Comp Online

- Integrated drug information databases covering drug identification, interaction, compatibility and stability, drug products, patient information, and more
- Health Sciences campus site license via IP address
- Unlimited number of users
- *http://www.lexi.com/online*

E-Journals

New England Journal of Medicine

- Campus-wide and remote access to the **NEJM** will return soon
- *http://content.nejm.org*
- Note: PowerPoint slides attached to articles are still only available to individual subscribers or pay-per-view

Macromedia Breeze Live Demonstration and Hands-on Training Offered

The Spencer S. Eccles Health Sciences Library is offering demonstrations and hands-on training for *Macromedia Breeze Live*, a Web video conferencing and collaboration tool.

Breeze Live enables users to participate in interactive, dynamic online meetings from any computer, at any time, using just an Internet connection and a Web browser. *Breeze* offers a flexible and content rich interface that allows users to interact in a number of ways including: viewing presentations or videos, sharing desktops, participating in polls, whiteboarding, chatting with other users, video/audio conferencing and more.

These demonstration/training sessions will include an overview of the features of *Breeze Live* as well as the opportunity for the participants to have hands-on practice participating in *Breeze Live* and creating and organizing a *Breeze* meeting room. See **page 6** for class dates and times. Contact Susan Roberts for more information (sroberts@lib.med.utah.edu; 801-581-3031)

Major Developments in Open Access

Joan M. Gregory, Technical Services
Mary E. Youngkin, Public Services
Valeri Craigle, Adjunct Librarian

Open Access initiatives are changing the landscape of scholarly publishing, removing barriers to the transfer of knowledge from research to clinical practice. The University of Utah libraries encourage faculty to participate in Open Access initiatives to increase access to their scholarly work. Opportunities for participation are expanding and new efforts are underway locally and nationally. This article highlights three major developments in Open Access publishing for University of Utah faculty.

University of Utah Authors Publish in Open Access Journals
The Spencer S. Eccles Health Sciences and J. Williard Marriott Libraries strongly support publication in Open Access journals, and have invested in institutional memberships to BioMed Central, PLoS, and *Nucleic Acids Research* so that University of Utah authors may either publish for free or at a reduced price per article in these online, peer-reviewed publications.

Kristina Allen-Brady
Vincent W. Aoki
John F. Atkins
Wolfgang Baehr
Pavel V. Baranov
Srinivasan Beddhu
Ivor J. Benjamin (Editor, PLOS Medicine)
Brandon G. Bentz
Philip S. Bernard
Paul Bernhardt
Graeme B. Bolger
Linda Book
Thomas J. Burns
Saundra S. Buys
Nicola J. Camp
Mary L. Carlson
Douglas T. Carrell
Sherwood Casjens
Phyllis D. Coley
William R. Crowley
Kristy Damjanovich
J. Michael Dean
Thomas G. Doak
C. Gregory Elliott
Benjamin R. Emery
James M. Farnham
Steven Farnsworth
Michael Feolo
Kyle Gardner
Jeb Gaudet
Raymond F. Gesteland
Mark Gibson
Joan M. Gregory
Zack J. Groesbeck
Andrew W. Hammer
Harry H. Hatasaka
Glenn Herrick
Paul N. Hopkins
Ramona O. Hopkins
Benjamin D. Horne
Michael Horner
Ivan Huang
Alisa K. Hughes
Steven C. Hunt
Ken Johnson
Stacey Knight
Donald E. Kohan
Thomas A. Kursar
Jeanne M. Le Ber
Christopher M. Lee
Cynthia M. Logar
Joseph L. Lyon
Maggie S. Ma
Alka Malhotra
Susan E. Mango
Howard Mann
Olga V. Matveeva
Erin E. McClelland
James A. McCloskey
Ray M. Merrill
Raymond L. Miller
Alan H. Morris
Linda C. Morrison
Jennifer Mortensen
Joseph B. Muhlestein
Srikkanth Muttumu
Susan L. Neuhausen
Megan Nibley
Shannon J. Odelberg
L. Lazarre Ogden
Lisa M. Pappas
Kirtly Parker-Jones
Wayne J. Peay
Morgan R. Peltier
Laurent Perreard
C. Matthew Peterson
Shane Peterson
Gerald I. Polukoff
Wayne K. Potts
Sampath Prahalad
Steven M. Prescott
John F. Quackenbush
Nirupama Ramkumar
Kelly S. Richardson
Douglas I. Schmid
Travis Slade
Michael R. Steele
Joan M. Stoddart
Anthony Suruda
Aniko Szabo
Vickie L. Venne
Jeff Weiler
Duane Westenskow
Joanne White
Julia White
Charles L. Wiggins
Maureen Wilkinson
Kevin R. Williams
Ellen T. Wilson
Jiadong Zhou
John J. Zone

To date, 101 current or former University of Utah authors (listed here) have contributed to 41 Open Access articles published in the BioMed Central journals, *Journal of the Medical Library Association*, *PLOS Biology*, and *Nucleic Acids Research*, which, as of 2005, converted to an Open Access publishing model.

In addition, there are almost 1300 "free" articles archived in PubMed Central identified as having a Utah affiliation. (Online access is free, usually after a certain period, but copyright is typically retained by the society.) Authors are too numerous to name, but the journals include titles such as *Proceedings of the National Academy of Sciences* (355), *Journal of Bacteriology* (196), *Journal of Clinical Investigation* (148), *Molecular and Cellular Biology* (77), and *Journal of the American Medical Informatics Association* (41).

NIH Calls on Scientists to Speed Public Release of Research
The National Institutes of Health (NIH) announced its new policy designed to enhance the public's access to published articles resulting from NIH-funded research. The NIH Public Access Policy, which went into effect May 2, 2005, requests that NIH investigators submit an electronic version of their final manuscripts to the National Library of Medicine's (NLM) PubMed Central for release up to 12 months after publication.

The Eccles Library encourages faculty to participate in this effort, which was developed to make the published results of NIH-funded research more readily accessible to the public, health care providers, educators, and scientists and to ensure the permanent preservation of this vital published research. NIHMS (NIH Manuscript Submission—*http://www.nihms.nih.gov/)*, is currently accepting submissions through the eRA Commons for NIH Extramural principal investigators, grantees or applicants and through NIH Login for Intramural NIH scientists and staff. Coming this summer, there will be a new interface for use by libraries in assisting faculty in submitting their publications to this archive. Watch the Eccles Library website for news of its release and our associated services.

The NIH recommends that investigators exercise their right to specify in copyright transfer agreements that the author or institution retains the right to provide their manuscripts to PMC for public accessibility. The Eccles Library can answer questions regarding these copyright issues. Please contact Joan Gregory (joang@lib.med.utah.edu; 801-581-5269), Mary Youngkin (maryy@lib.med.utah.edu; 801-581-5534), or Valeri Craigle vcraigle@lib.med.utah.edu; 801-581-5263).

For related documents including the complete policy and a detailed FAQ, see the NIH Public Access site: *http://www.nih.gov/about/publicaccess/*

University of Utah Institutional Repository
The University of Utah Libraries are building an electronic archive designed to provide ongoing open access to University of Utah scholarship. Access will be available to readers around the world, whether or not they, or their institution, subscribe to the journal in which a publication originally appeared.

The Libraries are now able to offer this service because many

publishers have liberalized their copyright policies, allowing authors to post the final version of their manuscripts in an institutional repository. This service will provide assistance in determining if your publisher permits institutional archiving. The Libraries are beginning the process of contacting University of Utah faculty authors and asking them to deposit their papers in the repository.

Why submit your articles to the University of Utah Institutional Repository in addition to PubMed Central?

- your published articles can be enhanced on the University of Utah site with the data used in your study, or with ongoing additional insights and supplementary material
- your publications and those of other faculty in your department can be found together in one place on the Institutional Repository, encouraging internal and external collaboration

Consider the possibilities for regaining control of your scholarly work and maximizing its availability and influence. If you have questions or comments or are interested in participating, please contact Joan Gregory (joang@lib.med.utah.edu; 801-581-5269), Mary Youngkin (maryy@lib.med.utah.edu; 801-581-5534), or Valeri Craigle vcraigle@lib.med.utah.edu; 801-581-5263).

Special thanks to Gail Persily, Library and Center for Knowledge Management, University of California, San Francisco for permission to base this article on her article in *UCSF LIBRARY NEWS* Vol. 3, No. 6 February 28, 2005.

Tablet PC Pilot Project: Teaching Teachers to Teach with Tablet PCs

Jeanne Le Ber, Education Services
Spencer S. Eccles Health Sciences Library

Representative health sciences faculty from the School of Medicine and the Colleges of Health, Nursing and Pharmacy recently participated in a Tablet PC Pilot project with librarians and staff from the Spencer S. Eccles Health Sciences Library. The main objective of the Tablet PC Pilot project was to determine if the tablet would enhance the teaching experience and needs of the faculty; an additional objective was to learn from one another and develop a standardized class for presentation to anyone interested in learning about the tablet technology.

Initially, the Tablet PC Pilot group met in October of 2004. The Eccles Library checked out a Toshiba tablet to each participant for use during the project. The initial meeting focused on introducing the device, providing a quick tour of the hardware, the wireless on/off switch, the EMR (electromagnetic resonance) pen, and use of a memory stick for transferring files between computers. Faculty were encouraged to take the online tablet tutorial that comes with the machine on their own time. At the November meeting, the use of Windows Journal, a program unique to the tablet and the XP operating system, was demonstrated. Windows Journal converts PowerPoint, MSWord, Excel files and images to the Journal Note Writer. This conversion allows instructors to dynamically annotate course materials during their presentation and then save annotations for posting to a website.

The pilot group continued to meet once a month through April 2005. Subsequent meetings focused on wireless printing, the use of the PDF Creator, voice recognition (voice to text) and connecting the tablet to the classroom control system that will be available in the new health sciences education building. At each meeting, faculty were encouraged to share their successes and frustrations with the tablet. This was particularly helpful as librarians developed the basic 1-hour introductory course. To be relevant, the course needed to be short and to the point, addressing the issues of essential concern to the faculty. The basic class overview includes describing what a tablet can do, the use of the pen, screen orientations, the input panel, and Windows Journal and annotation.

Dates, times and materials for the Tablet PC Basic Overview class are listed on the library's website (*http://registration.med.utah.edu/classes.cfm?textonly=false#TPC*). Faculty who are teaching curriculum integrated classes will be able to check out a Tablet PC for teaching. (There are 56 tablets available.) For more information, contact Jeanne Le Ber (jeannele@lib.med.utah.edu; 801-585-6744).

A very big thank you is extended to the Tablet PC Pilot group; we couldn't have done it without you!

School of Medicine: Lynn Jorde, Gary Louder, Dave Morton, Larry Reimer, Larry Schoeff, Suzanne Stensaas
College of Health: Jay Graves and Gina Musolino
College of Nursing: Carole Gassert, Sandra Haak and Sue Huether
College of Pharmacy: Don Blumenthal and Lynda Oderda

WebCT—Online Course Tools for Teaching

WebCT is a popular web-based course management system. It provides powerful tools for publishing course materials on the Web—as well as tools for course navigation, communication, testing, student tracking, and more. Would you like to learn more? Do you need help getting your materials on WebCT? Do your students need a brief introduction to this tool? If so contact Alice Weber (aweber@lib.med.utah.edu; 801-587-9247) or Jeanne Le Ber (jeannele@lib.med.utah.edu; or 801-585-6744).

Library Workshops and Classes

Tours and Orientations
To schedule call 801-581-5534 or email Mary McFarland at marym@lib.med.utah.edu

Access Basics	**Large PC Lab**
Wednesday, June 8, 2005	1:00 P.M.-3:00 P.M.
	Small PC Lab
Wednesday, July 6, 2005	2:00 P.M.-4:00 P.M.
Access Advanced	**Small PC Lab**
Wednesday, July 13, 2005	1:00 P.M.-3:00 P.M.

Basic Design
By request for groups of four or more; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

Bibliographic Management

EndNote (version 8)	**Small PC Lab**
Wednesday, June 8, 2005	1:30 P.M.-3:30 P.M.
Thursday, June 30, 2005	2:00 P.M.-4:00 P.M.
Tuesday, July 12, 2005	10:00 A.M.-Noon
Monday, August 1, 2005	2:00 P.M.-4:00 P.M.
EndNote, Follow-up Session	
Tuesday, July 19, 2005	10:00 A.M.-Noon

Breeze Live	**History of Medicine**
Wednesday, May 18, 2005	2:00 P.M.-4:00 P.M.
Monday, May 23, 2005	2:00 P.M.-4:00 P.M.
Friday, June 3, 2005	1:00 P.M.-3:00 P.M.
Friday, July 8, 2005	1:00 P.M.-3:00 P.M.
Wednesday, July 13, 2005	11:00 A.M.-1:00 P.M.
Wednesday, July 20, 2005	2:00 P.M.-4:00 P.M.
Wednesday, July 27, 2005	2:00 P.M.-4:00 P.M.
Wednesday, August 3, 2005	2:00 P.M.-4:00 P.M.

Contribute
By request for groups of four or more; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

Dreamweaver, Part 1 and 2
By request for groups of four or more; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

Excel Essentials, Part 1	**Small PC Lab**
Monday, June 27, 2005	1:00 P.M.-2:30 P.M.
Monday, August 8, 2005	10:30 A.M.-Noon
Excel Essentials, Part 2	**Small PC Lab**
Wednesday, June 29, 2005	1:00 P.M.-2:30 P.M.
Thursday, August 11, 2005	10:30 A.M.-Noon

Grant Writing and Research	**Large PC Lab**
Friday, June 24, 2005	2:00 P.M.-4:00 P.M.
Friday, July 15, 2005	2:00 P.M.-4:00 P.M.

PowerPoint, Basic Presentations	**Large PC Lab**
Thursday, June 9, 2005	1:00 P.M.-3:00 P.M.
Wednesday, June 29, 2005	10:00 A.M.-Noon
Monday, July 11, 2005	2:00 P.M.-4:00 P.M.
Friday, July 29, 2005	10:00 A.M.-Noon

PowerPoint, Advanced Techniques	**Large PC Lab**
Monday, July 18, 2005	2:00 P.M.-4:00 P.M.
Friday, August 5, 2005	1:00 P.M.-3:00 P.M.

PowerPoint, Animation Part 1 and 2
By request for groups of four or more; contact Susan Roberts at 801-581-3031 or sroberts@lib.med.utah.edu

PowerPoint, Posters	**Large PC Lab**
Monday, July 11, 2005	11:00 A.M.-Noon

PubMed MEDLINE Basics	**Small PC Lab**
Monday, May 23, 2005	3:00 P.M.-4:30 P.M.
Wednesday, June 1, 2005	3:00 P.M.-4:30 P.M.
Monday, June 27, 2005	3:00 P.M.-4:30 P.M.
Monday, July 11, 2005	3:00 P.M.-4:30 P.M.
Wednesday, August 10, 2005	10:30 A.M.-Noon

RefWorks
By request for groups of four or more; contact Jeanne Le Ber at 801-585-6744 or jeannele@lib.med.utah.edu

Scanning with Adobe Photoshop	**Small PC Lab**
Thursday, July 28, 2005	9:00 A.M.-11:00 A.M.

Classes are held at the Spencer S. Eccles Health Sciences Library. Online registration is required for all classes. For more information see the Eccles Library Web page at ***http://registration.med.utah.edu/classes.cfm?textonly=false*** or please call 801-581-7535 or 801-585-6744.

Faculty are encouraged to consider integrating library classes into their course content. For more information contact Jeanne Le Ber (jeannele@lib.med.utah.edu; 801-585-6744).

Classroom Control System Training

The Spencer F. and Cleone P. Eccles Health Sciences Education Building will be open for business starting Fall Semester 2005. All of the larger rooms (40-person and up) will have a state-of-the-art standarized classroom control system that includes light and sound management, projectors, projection screens, VHS and DVD players, and document camera. The classroom control system will also have a PC and Mac computer, connections for two additional portable computers and access to the network. The small classrooms will have a scaled down setup, with the opportunity to request additional equipment.

The Spencer S. Eccles Health Sciences Library is providing training for faculty on the use of this standardized system. Training will be limited to 5 participants at a time and will take place at the Eccles Library in the History of Medicine Room (located on the upper level). Health sciences faculty can register for a session online at *http://registration.med.utah.edu/classes.cfm?textonly=false#podium*; click on the date you want to attend and fill in the form. Attendees will receive a USB memory stick for their time.

Please contact Jeanne Le Ber if you have questions (jeannele@lib.med.utah.edu; 801-585-6744).

Multidisciplinary Use of the Clinical Suite in the New Health Sciences Education Building

Sandra W. Haak, Associate Professor (Clinical)
College of Nursing, University of Utah

With the opening of the Clinical Suite in the new Spencer F. and Cleone P. Eccles Health Sciences Education Building, the School of Medicine and Colleges of Nursing, Pharmacy and Health will have exciting new opportunities for multidisciplinary clinical experience. Research has shown that the vast majority (70% or more) of diagnoses can be made on the basis of the history and physical examination alone. It is critical that all of the providers educated on our campus have ample opportunity to learn, practice, and master these methods. The new area is located on the third floor of the new building and is intended to simulate an outpatient clinic setting for all students and faculty of the Health Sciences campus.

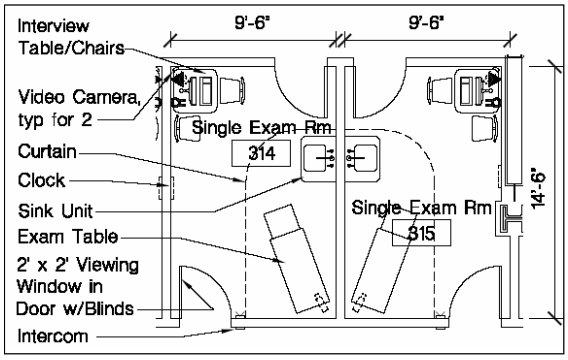
The Clinical Suite consists of 18 examination rooms, instructional and administrative space. It can be used for teaching, learning, and practice, as well as for testing. The rooms are large so they can accommodate a patient, an instructor and several students. One or several groups can use the space simultaneously depending on the size of the groups.

The examination rooms are furnished with standard adult exam tables, wall-mounted diagnostic sets, tables, chairs, and sinks. An intercom will allow faculty to monitor students and provide help if needed. A computer is in the room to display and collect patient information. Two video cameras and one audio microphone can send data to recorders in the control room.

Students will learn and be tested on their ability to take patient histories, perform physical examinations, and make diagnoses. Both medical and nurse practitioner students are tested by "standardized patients." Standardized patients are ordinary people who have been trained to portray a specific illness or medical problem. They must be consistent in their answers to the students' questions even when the students ask in different ways. The idea is to test every student with the same patient. Standardized patients are used because real patients get tired of answering the same questions and sometimes they are too sick to tell the exact same story to each person. There are about 100 medical students in each class and they must show they can take care of each standardized patient. The students have 10-15 minutes to interview and examine the patient, come to a conclusion and document their work. They see multiple patients during each exam. The standardized patients evaluate the students on the encounter by filling out a questionnaire.

A very sophisticated integrated hardware and software system made by B-Line Express and called B-Line Clinical Skills System will be available in the HSEB to help students and faculty in these activities (*http://www.blinex.com*). With human help, the system schedules the patients and the students. It also collects and records video from two cameras and audio from one microphone in each exam room. The student and patient documents are also presented and collected by the system. Faculty score students on their performance by marking a score sheet while they review the audio and video. All the information is integrated and saved in a way that allows faculty and students to review an individual's performance and scoring. Faculty can also review results from an entire class. The standardized patient trainer will be able to watch the same standardized patient's encounters with several students. She will be able to make sure the standardized patients are consistent in their presentation.

Groups of students from the School of Medicine and the Colleges of Nursing and Pharmacy are already scheduled for Fall 2005. In addition to classes that have been using other clinical spaces on the Health Sciences campus, there are new classes that are anxious to try out the learning opportunities available here. For example, psychiatric/mental health nurse practitioners plan to capitalize on the ability to record and review interviewing and counseling sessions. No matter which school or college they come from, the students and faculty are very excited to use the new space in a variety of ways!



IAIMS Newsletter *Deadline and Mailing List*

Editor: Jeanne Le Ber (jeannele@lib.med.utah.edu)
Assistant Editor: Allyson Mower (amower@lib.med.utah.edu)

The deadline for the Fall 2005 issue of the *IAIMS Newsletter* is Monday, August 8, 2005.

The *IAIMS Newsletter* is available electronically at ***http://medlib.med.utah.edu/or/iaims/iaims.php***

To receive a copy of the electronic version in PDF format, go to *http://lib.med.utah.edu/mailman/listinfo/iaims*, enter your email address and name (optional), and click on the Subscribe button. You will receive an email stating the newsletter has been published with a link to the pdf copy.

To be added to the printed newsletter mailing list, send your name and address to: Jeanne Le Ber, Editor, *IAIMS Newsletter*, University of Utah, Eccles Health Sciences Library, 10 N 1900 E, Salt Lake City UT 84112-5890
VOICE: 801-585-6744; FAX: 801-581-3632
EMAIL: jeannele@lib.med.utah.edu

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The Spencer S. Eccles Health Sciences Library

Summer Semester 2005 Hours

Hours are subject to change—Call 801-581-8773 for current hours

Regular Hours May 16-June 17

Monday to Thursday	7:00 A.M-11:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-8:00 P.M.
Sunday	11:00 A.M.-11:00 P.M.

Summer Hours June 18-August 21

Monday to Thursday	7:00 A.M-10:00 P.M.
Friday	7:00 A.M-8:00 P.M.
Saturday	9:00 A.M-6:00 P.M.
Sunday	Noon -6:00 P.M.

Special Hours

Memorial Day; May 30	7:00 A.M-11:00 P.M.
July 4	Closed
Pioneer Day, July 24	Closed

Regular Fall Semester hours begin Monday, August 22, 2005

Phone Numbers

Acquisitions	801-587-9247
Administration	801-581-8771
Hours/Renewals	801-581-8773
Accountant	801-581-5267
Circulation	801-581-8772
Clinical Library	801-581-4685
Gifts to Library	801-587-9247
Duplication	801-581-5258
Education Services	801-585-6744
Interlibrary Loans	801-581-5282
Knowledge Weavers	801-581-3031
Media Services	801-581-8052
Outreach	801-587-3493
Regional Medical Library	800-338-7657
	801-587-3412
Reserve	801-581-8772
Reference	801-581-5534
Technical Support	801-581-3691

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