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

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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.

Presenters are from the University of Utah, School of Medicine, Department of Medical Informatics unless otherwise indicated.


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 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.
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](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).

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**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: __________________________________________________________________________

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,
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
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:
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.

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.

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.

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.

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 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.

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
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.]

### Macintosh Classes

<table>
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<tr>
<th>Course</th>
<th>Date</th>
<th>Time</th>
<th>Location</th>
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<td>10/3/95</td>
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<td>304A Marriott</td>
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### UUCC MAC SHORT COURSES

**Fall 1995**

Registration Information on page 8.

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### UUCC PC (DOS) SHORT COURSES

**Fall 1995**

Registration Information on page 8.

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<td>304B Marriott</td>
</tr>
<tr>
<td>WordPerfect Format</td>
<td>11/16/95</td>
<td>2:15pm-4:10pm</td>
<td>304B Marriott</td>
</tr>
</tbody>
</table>
### Marriott Library Short Courses

**Fall 1995**

<table>
<thead>
<tr>
<th>Course</th>
<th>Date</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction To The PC</td>
<td>10/5/95</td>
<td>2:15pm-4:10pm</td>
<td>304B Marriott</td>
</tr>
<tr>
<td>Introduction To The PC</td>
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<td>7:00pm-9:00pm</td>
<td>304B Marriott</td>
</tr>
<tr>
<td>Introduction To The PC</td>
<td>10/17/95</td>
<td>9:55am-11:50am</td>
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<tr>
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<td>9:00am-11:00am</td>
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<td>Windows Introduction</td>
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<td>7:00pm-9:00pm</td>
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</tr>
<tr>
<td>Windows Introduction</td>
<td>10/24/95</td>
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</tr>
<tr>
<td>Windows Introduction</td>
<td>11/6/95</td>
<td>9:00am-11:00am</td>
<td>Eccles Library</td>
</tr>
<tr>
<td>WordPerfect Introduction</td>
<td>10/17/95</td>
<td>2:15pm-4:10pm</td>
<td>304B Marriott</td>
</tr>
<tr>
<td>WordPerfect Introduction</td>
<td>10/25/95</td>
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</tr>
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</tr>
<tr>
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<td>WordPerfect Format</td>
<td>10/24/95</td>
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<td>304B Marriott</td>
</tr>
<tr>
<td>WordPerfect Format</td>
<td>11/8/95</td>
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<tr>
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<tr>
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</tr>
<tr>
<td>Presentation Graphics</td>
<td>11/7/95</td>
<td>2:15pm-4:10pm</td>
<td>304B Marriott</td>
</tr>
</tbody>
</table>

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](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
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.
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.
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**

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday to Thursday</td>
<td>7:00 am - 11:00 pm</td>
</tr>
<tr>
<td>Friday</td>
<td>7:00 am - 8:00 pm</td>
</tr>
<tr>
<td>Saturday</td>
<td>9:00 am - 8:00 pm</td>
</tr>
<tr>
<td>Sunday</td>
<td>11:00 am - 11:00 pm</td>
</tr>
<tr>
<td>Veterans Day, Saturday, November 11, 1995</td>
<td>9:00 am - 8:00 pm</td>
</tr>
<tr>
<td>Thanksgiving, Thursday, November 23, 1995</td>
<td>Closed</td>
</tr>
<tr>
<td>Friday, November 24, 1995</td>
<td>8:00 am - 5:00 pm</td>
</tr>
</tbody>
</table>

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.


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

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.
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.

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.

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.
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.

<table>
<thead>
<tr>
<th>List Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER-L</td>
<td>Cancer discussion group</td>
</tr>
<tr>
<td>DIABETES</td>
<td>Forum for diabetic patient concerns</td>
</tr>
<tr>
<td>PARKINSON</td>
<td>Discussion of Parkinson's disease</td>
</tr>
</tbody>
</table>

Locating a Discussion Group in Your Area of Interest
There are many other discussion groups available on a wide range of topics. One
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 list processor 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.
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.

**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/
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-3bsd.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/
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.

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: _____________________________________