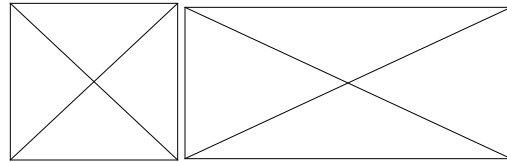


# IAIMS NEWSLETTER

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med.utah.edu/iaims/  
iaims.html](http://www-medlib.med.utah.edu/iaims/iaims.html)

## ‘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)

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# FREE MEDLINE VIA WORLD WIDE WEB ON NLM'S PUBMED

by  
Mary E. Youngkin,  
Associate Librarian,  
Reference  
Services,  
Spencer S. Eccles  
Health Sciences  
Library

**Introducing...**  
**Sherelyn  
Sandberg,**  
Administrative  
Assistant,  
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](mailto:reference@ecclab.med.utah.edu) or the National Library of Medicine at their new toll free number: 1-888-346-3656.

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/](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](mailto: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).

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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: \_\_\_\_\_ 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](mailto:parter@ecclab.med.utah.edu).

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class.

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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), 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

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specific sessions  
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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

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arranged by  
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instructors directly

Instructor: Jeanne M. Le Ber; (801) 581-5534; INTERNET: [jeannele@ecclab.med.utah.edu](mailto: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](mailto: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](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.

# INTERNET RESOURCES

## Internet Resources Related to Pathology

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

### **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.

# INTERNET RESOURCES

## Internet Resources Related to Pathology

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

## INFOFAIR '97 VIDEO AVAILABLE

*IAIMS Newsletter*  
v. 12, no. 5, Summer 1997  
URL: [http://www-medlib.  
med.utah.edu/iaims/iaims.html](http://www-medlib.med.utah.edu/iaims/iaims.html)

## 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](mailto:listserv@listserv.cc.emory.edu)

**PATHNET** Pathology and Laboratory Medicine Mail List  
To subscribe, send email to [pathnet@email.afip.osd.mil](mailto: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](mailto: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/>

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.

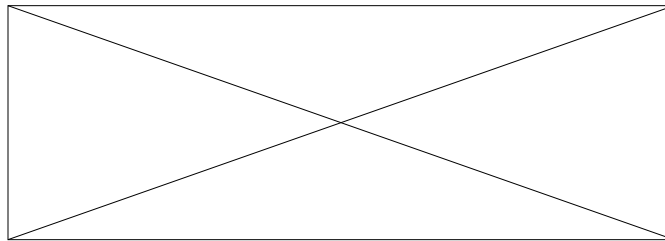
The current training schedule includes introductory classes in the following areas: Windows 95, searching for resources on the Internet: PubMed, Internet Grateful Med, Grateful Med for Windows, and Utah's new Pioneer system of full text documents. Many rural health care practitioners who have access 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](mailto:kmc@ecclab.med.utah.edu).

# NEED HELP WITH CODING YOUR WEB PAGES?

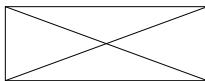
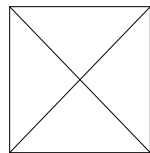
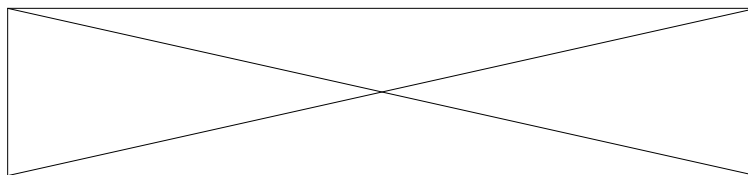
## Try using *Homesite 2.5* at Eccles Library

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



Displays the find dialog



Publish the current document to a server (requires *Microsoft's Web Publishing Wizard*)



Displays the replace dialog



Validate HTML coding (Requires CSE 3310 Validator)



Displays the extended replace dialog



Checks the spelling in the current document



Undo

# 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



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

## KEEPING CURRENT: EMAIL WORTH SHARING

*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

Open multiple documents  
Drag and Drop to add images or links  
Open from Web using URL  
Spell Checker  
Publish to Web (use *MS Web Publishing Wizard*)  
Project Management feature  
Right Click to edit tags

### *Homesite 1.2 - Free version*

Work on single document only  
No drag and drop  
Open from local disks only  
No spell checker  
No publish feature  
No projects  
No right click

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  
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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](http://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](mailto:CDhelp@elsevier.co.uk) and to subscribe, send a message to [CDsubs@elsevier.co.uk](mailto: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

## ONLINE CATALOG NEWS

### General Keyword Searching Available

### Telnet Access To Online Catalog Upgrades

(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.

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.

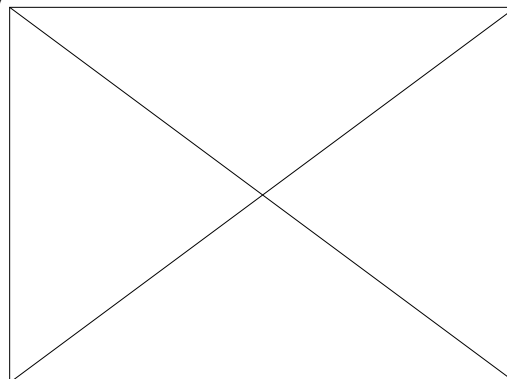
Telnet access to the Spencer S. Eccles Health Sciences Library Horizon online catalog has been upgraded to fix a problem encountered in Subject Keyword Searching.

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](mailto:joang@ecclab.med.utah.edu) if you encounter any problems.



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](mailto: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](mailto:jeannele@ecclab.med.utah.edu).

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**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:** \_\_\_\_\_

## 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**