

# MIAIMS INFOSPHERE

Missouri Integrated Advanced Information Management System

University of Missouri - Columbia

A joint project of Medical Informatics Group and the J. Otto Lottes Health Sciences Library

No. 8

Sept/Oct 1995

NLM ⇌ MU

## Educational Partners

## MIAIMS Progress Notes

### IAIMS Site Visit

A team of IAIMS experts and NLM staff visited for a day and a half in July to determine our readiness to be funded for implementing our plan as a 5-year grant submitted March 1. The reviewers examined our proposal and heard detailed presentations from key participants in the MIAIMS project, including the Provost, library leadership, and the deans of Medicine, Nursing, and Veterinary Medicine. They also attended demonstrations of several computer projects including Telemedicine and System for Text Archive and Retrieval (STAR).

Mother nature tested our control of the situation by providing one of the hottest days of the summer. A campus-wide power outage interrupted the flow of overhead slides, and as a final insult the air conditioning went out, discomforting the 3 members of the site review team who were sitting under a skylight.

Members of the MIAIMS team came through with fans, sun visors, and ultimately, a rearrangement of the room. The show went on, and we heard that NLM staff were impressed with the way a potential catastrophe was averted.

We will not receive official notification of funding status for several months. Actual funding is contingent on Congressional approval of NLM's budget for the next fiscal. As part of an institutional commitment, projects to integrate health science information to create an electronic health care record will continue regardless of this funding.

### IAIMS Consortium

Dean Schmidt, MIAIMS co-PI; David Witten, programmer; and Linda Cooperstock, project coordinator attended the Seventh Annual IAIMS Consortium Meeting in Seattle on July 20-21. Individuals from more than 2 dozen institutions met to discuss various aspects of their projects and IAIMS concepts in general. Some institutions are involved in initial IAIMS efforts, some have completed their implementation, while others have just embarked on planning. Topics for the workshops included Advanced Web Applications, Collaborative Technologies, IAIMS Planning, Multimedia over Networks, and Unified Vocabularies.

The National Library of Medicine, Cognitive Branch has established an educational technical partnership with MU Health Sciences. In May a team of 14 health sciences faculty participated in a hands-on work session at the National Library of Medicine to explore the use of Internet-based technology and curriculum needs. The session was seen as a valuable insight into the rapidly developing area of educational technology and permitted MU faculty to share their views and approaches to educational theory. Richard Oliver, director, School of Health Related Professions said, "The workshop provided those from the SHRP the opportunity to share the allied health perspective on many of the issues that were discussed."

Barry Kling, instructor in Continuing Medical Education was impressed with the use of the World Wide Web as a teaching tool. "I gained a better understanding of using CGI scripts to create continuing medical education pages capable of scoring tests and giving conditional feedback," said Kling.

Gene Worth, a fellow in the Medical Informatics Program thought the presentation was well thought out, well organized, and taught all of the important features of hypertext markup language (HTML). "I was interested in some of the advanced features of markup language," he said. "In the small group work sessions, the faculty were receptive to advanced needs, and accommodated them without difficulty."

Those who attended this workshop are now working on enhancing their curricula using the technologies they learned. NLM will continue to provide feed-back and will look to the progress of our faculty in planning for future workshop offerings.

# Info Tours

## Medical Informatics Group Monday Noon Seminars

- Sept 11 No Seminar
- Sept 18 Retrieving Research Studies, NEJM  
MA302 E. Diane Johnson, MA  
Head, Information Services, HSL
- Sept 25 Methods of Assisting: A Nursing School  
MA302 Course  
Jane Bostick, MS, RN  
Clinical Instructor, Sinclair School of Nursing
- Oct 2 AHEC Project  
MA302 Hal Williamson, MD  
Assoc Professor, Family & Community Med
- Oct 9 Federal Regulations & Clinical Research  
MA217 Jacquelyn Goldberg, JD  
Executive Staff Assistant, Institutional Review Board
- Oct 16 Thyroid Disease: An Instructional Model  
MA302 David Gardner, MD  
Associate Professor, Internal Medicine
- Oct 23 Controlling for Error in Statistical Designs  
MA302 Richard Madsen, PhD  
Professor, Statistics
- Oct 30 No Seminar

Updates of the MIG Seminar series schedule are available on the World Wide Web at  
<http://www.hsc.missouri.edu/miaims/docs/migseminar.html>

## J. OTTO LOTTES HEALTH SCIENCES LIBRARY OVID WORKSHOPS - SPRING 1995

### MEDLINE, CINAHL, & PSYCINFO

The OVID system makes available both DOS and Windows versions for searching journal literature in PsycINFO, Medline, and Cinahl. These workshops focus on the Windows version; DOS instruction is available on request. Enrollment is limited to 8 persons for each workshop. Classes may be scheduled for individuals or departmental groups for dates other than those listed. All workshops will be held in HSL 126. To reserve a place in any of the classes call 882-6141, or register on the Health Sciences Library's home page on the World Wide Web, the URL is <http://www.miaims.missouri.edu/library/docs/wsreg.html>

### MEDLINE

- Sept 13 1:30 pm - 3:00 pm  
Oct 13 1:30 pm - 3:00 pm

### CINAHL (Nursing and Allied Health Database)

- Sept 20 1:30 pm - 3:00 pm  
Oct 17 1:30 pm - 3:00 pm

### PsycINFO

We will provide hands-on training in basics concepts of searching and cover unique features of the PsycINFO database. Unique features on this system include the PsycINFO Thesaurus and a variety of limits which may be applied to a topic.

- Sept 26 1:30 pm - 3:00 pm  
Oct 25 1:30 pm - 3:00 pm

## Off-campus Educational Opportunities

Clinical Computing in Patient Care: Managing Care, Managing Opportunity  
September 28-29, 1995, Swissotel Boston, One Avenue de Lafayette, Boston, MA 02111

Sponsors: Harvard Medical School, Department of Continuing Education; Department of Medicine and Psychiatry, Beth Israel Hospital; Center for Clinical Computing, Harvard Medical School.

Course description: The objective of this course is to empower clinicians to be active participants in the design and purchase of clinical information systems. CME Credit: 12 Credit hours in category 1 of the Physician's Recognition Award of the AMA. Tuition Fees: \$425; Residents/Fellows in Training: \$285; Group tuition fee: \$350; per person, minimum 4 people from same organization, one check, register before September 8, 1995.

Contact: Lori Gershaw, Center for Clinical Computing, 360 Longwood Avenue, Boston, MA 02115. Tel: 617-732-7928; Fax: 617-277-9792; E-mail: [Igershaw@AViion-B.BIH.Harvard.Edu](mailto:Igershaw@AViion-B.BIH.Harvard.Edu)

# Notes from the J. Otto Lottes Health Sciences Library

For more information about the following call the Health Sciences Library Information Services at 882-6141

## HSLNET: A New Look Brings New Opportunities For Research

The J. Otto Lottes Health Sciences Library is now offering a new menu on the public workstations which will give users many more options besides just the OVID databases. Users outside the library will not be affected by these menu changes. A brief description of any resource is available by highlighting the database desired and then using the keystrokes <Control> F1.

The new menu is organized according to type of resource:

- A. OVID MEDLINE and other OVID Databases (Windows Version)
- B. OVID MEDLINE and other OVID Databases (DOS Version)
- C. Alphabetical List of Resources
- D. Electronic Books
- E. Electronic Databases
- F. Electronic Journals

**A & B. OVID MEDLINE and Other OVID Databases** (Both DOS and Windows) is our traditional menu and it provides access to MEDLINE, CINAHL, CancerLit, Health, New England Journal of Medicine, and PsycINFO.

**C. Alphabetical List of Resources** is a listing of all available resources. Users may want to preview some of the newer databases, which are available via Netscape, such as Current Contents (updated weekly, contains citations and abstracts to recently published journal articles in all disciplines, coverage is July 1994 forward), or Expanded Academic Index (index to general interest periodicals such as *Time* and *Newsweek*, coverage is 1991-date) or Legal Resources Index (legal journal articles, coverage is 1980-date).

**D. Electronic Books** has options for Sam-CD, ICD9CM or STAT!Ref. Sam-CD contains the full text of *Scientific American Medicine* which covers 15 internal medicine subspecialties. ICD9CM (International Classification of Diseases, Clinical Modification) a database developed by the National Center for Health Statistics is organized much like the printed publication. STAT!Ref is a library of textbooks and drug compendia, which provides instant access to the text, tables, and references in medical texts. Drug information, psychiatry, and obstetrics texts are well represented. Titles include Merck Manual of Diagnosis and Therapy and the Current Diagnosis and Treatment Series from Appleton and Lange.

**E. Electronic Databases** are the Cochrane Pregnancy and Childbirth Database which consists of over 600 systematic, regularly updated reviews of randomized trials of care in pregnancy and childbirth. The database roughly corresponds to the book, *Effective Care in Pregnancy and Childbirth*, although it is updated more frequently. Try MARCIVE for U.S. government documents published since 1976. Nurses will be interested in the Electronic Nursing Library a collection of databases and knowledge resources, which emphasize research. Clicking on the Electronic Nursing Library will open up a telenet session, so users will need to get a password at the Information Desk. Access to this journal is limited to MU affiliates. The Health Reference Center, a consumer health information resource contains a three-year rolling file of periodical references, pamphlets, and reference books.

**F. Electronic Journals** has selections for Current Opinions in Medicine, Current Opinions in Biology and Immunology Today Online. Current Opinions in Medicine contain summary coverage of medical literature from 24 review journals. Emphasis is on important trends and developments in the medical field within the last year. Current Opinions in Biology contains summary coverage of the past year's biological literature in six review journals. Of interest to the nursing community is Online Journal of Knowledge Synthesis in Nursing. This journal makes available synthesized knowledge in a timely fashion to guide nursing practice and research. It is produced by Sigma Theta Tau International.

Help in using the new menu or searching a particular resource is available at the Information Desk from Monday-Friday 8:00am - 5:00pm or Monday-Thursday during the school semester from 6:00pm -9:00pm.

# Ethics of Computer Use

Summarized from issues of Campus Computing NEWSLETTER

Computing is available to any faculty, staff, or student on the Columbia campus. These facilities are limited and should be used prudently. The following guidelines are suggested:

- ⌘ Try to conserve computer resources such as tape storage, CPU time, memory, paper, and supplies.
- ⌘ Protect user IDs, files, and accounts and only use your own authorized ID.
- ⌘ Never send messages to unwilling recipients or frivolously use e-mail.
- ⌘ Don't spend excessive time playing games.
- ⌘ Don't use computing facilities for harassment, plagiarism, or other illegal or unethical activities.
- ⌘ These rules are vigorously enforced. Severe cases of abuse have resulted in prosecution, termination, or academic probation.

## Copyright issues

Copyright rule infringement is a serious offense and could result in legal action by the company. Merely purchasing software may not entitle a person to copy it even for other department members. The licensing agreement determines how many machines may be loaded with the software or how many users may have access at a given time. All license agreements are different, so merely knowing the software has a site license does not permit a "free-for-all" use. Freely distributing software may also jeopardize the pricing advantage the University has in purchasing software. Do not copy or distribute software without proper authorization. Check with your network manager or the MIAIMS office if you have questions about the legality of installing or sharing software. Your calls to the company for additional documentation should go through the network manager or other official liaison to avoid duplication of questions/requests.

# MIAIMS INFOSPHERE

Project Directors  
Joyce Mitchell, Associate Dean for Computing and Information  
Technology and Director, Medical Informatics Group  
Dean Schmidt, Director  
J. Otto Lottes Health Sciences Library

Editorial Staff  
Linda Cooperstock  
MIAIMS Coordinator  
David M. Witten II  
MIAIMS Programmer  
Lucia D'Agostino  
MIAIMS Secretary  
Alan Arnold  
LAN Manager, Internal Medicine  
Alice Edwards  
Information Services Librarian  
J. Otto Lottes Health Sciences Library

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For ADA accommodation, contact the MIAIMS office.

TRENTON BOYD  
LIBRARIAN  
VET MED LIBRARY

The Infosphere is available on the World Wide Web at <http://www.miaims.missouri.edu/infosphere/docs/infosphere.html>