A MUST READ! JEFFLINE FORUM HIGHLIGHTS 2001

NEW RESOURCES
FACULTY EXPERTISE DATABASE

(*January*)

New Faculty Expertise Database offers email funding alerts, faculty web pages & more.

Through a collaborative effort between Scott Memorial Library and the Office of Scientific Affairs, Thomas Jefferson University now subscribes to the Community of Science Expertise database. Full-time Jefferson faculty can publish searchable profiles of their research interests, publications and grants on the World Wide Web. Several useful tools are also available:

- weekly email alerts on new Funding Opportunities in their fields
- individual faculty web pages
- automatic NIH biosketch formatting
- links from publications to Medline abstracts
- help identifying research mentors at Jefferson

The Expertise database is an international directory of researchers and faculty from 700 universities and research institutions. Our participation allows funders, researchers, residents, postdoctoral fellows and others to identify members of our faculty to act as research collaborators, reviewers and commentators. It also has the potential to allow department chairs and committees to order custom reports on Jefferson's research activities and publications. The subscription also offers access to databases of conferences and patents, Agricola, the Federal Register and Commerce Business Daily.
Read the complete article on JEFFLINE:
http://jeffline.tju.edu/Education/forum/00/12/articles/faculty.html

AISR CONNECTIONS SPECIAL EDITION HIGHLIGHTS JEFFLINE FORUM ARTICLES FROM THE PAST YEAR

by Dan Kipnis, Education Services Librarian and JEFFLINE Forum Coordinator

The JEFFLINE Forum is a monthly electronic journal published by Academic Information Services and Research (AISR) highlighting new knowledge-based resources, hardware, software, academic and educational news pertinent to the University. During the past year, the JEFFLINE Forum has published articles on a variety of topics.

This issue of *AISR Connections* highlights selected articles that you might have missed over the course of the past year. Featured articles include: Web of Science, the Faculty Expertise Database, the new Science Direct Tutorial available on JEFFLINE, top picks for your PDA, and the Audience Response System for increasing interactivity in lectures. Full text versions of the articles are available online from the JEFFLINE homepage. In addition, all published issues are archived on JEFFLINE and will remain available for public access indefinitely. The JEFFLINE Forum is your best method for learning about new resources available at Scott Memorial Library.

WEB OF SCIENCE

(*August/September*)

The ISI Web of Science citation database - Science Citation Index Expanded (SCI-EXPANDED) from 1998 to present is available via JEFFLINE from the database page. SCI is the only comprehensive basic science index in the Library and provides access to current and retrospective bibliographic information, author abstracts, and cited references found in 5,700 English and foreign language journals in more than 150 disciplines. Users can also search the CD-ROMs of SCI from 1986 to 1998 and also have access to the entire collection of print indexes from 1955-1988. The staff at the Reference Desk can help show you how to use the SCI-EXPANDED (web), the CD-ROMs and print indexes. Features of SCI-EXPANDED include cited reference searching, related records searching, and KeyWords Plus.

Users can also request a mediated search in Social Sciences Citation Index (SSCI) from the reference staff. SSCI provides multidisciplinary, international coverage of items from approximately 1,500 social science journals and monographs and covers social science articles from approximately 3,000 journals in the natural, physical and biomedical sciences. SSCI is updated weekly and can be searched from 1972 to present.
Contact the Scott Library Reference Desk for help at 215.503.8150

Thomas Jefferson University

TUTORIALS
NLM OFFERS ONLINE INTERACTIVE HEALTH TUTORIALS
FOR PATIENT EDUCATION (*April/May*)

As part of its effort to build a comprehensive online consumer health information center, the National Library of Medicine (NLM) is providing a series of interactive tutorials. The tutorials cover over two dozen common topics, such as diabetes, colonoscopy, and knee replacement.

Topics include diseases and conditions, surgical procedures, test and diagnostic procedures. They are accessible through the NLM's MEDLINEplus service. Each tutorial is also listed as a resource under the appropriate MEDLINEplus health topics entry.

The interactive tutorials are produced by the Patient Education Institute, a privately held company. In the past, the NLM has contracted with outside organizations. For example, the ADAM corporation currently provides the content for the medical encyclopedia on MEDLINEplus, and the United State Pharmacopeia for its "Advice to the Patient" volume on drug information. Material provided by the National Library of Medicine is held to the highest criteria for currency and accuracy of content. In the case of the tutorials, NLM pays for the content, but delivers it freely to anyone with Web access.

SCIENCE DIRECT TUTORIAL (*December*)

You may have already noticed the journal collection Elsevier ScienceDirect available through JEFFLINE's Cyber Cafe. Scott Memorial Library subscribes to over 100 full-text journal articles in the biomedical and life sciences through ScienceDirect. In addition, the tables of contents for several hundred titles in other fields are also available. Most titles are available from 1995 to the present year and access is limited to TJU/TJUH students, staff, faculty, and qualified member subscribers.

How can you receive alerts for table of contents of journals or alerts to articles in their journals on a particular topic? JEFFLINE now has available an online tutorial to take you through the process of how to set up search alerts and new issue alerts. You will need to create your own username and password for ScienceDirect. This is separate from your Jeffline username and password and is not managed by the library staff. If you forget your username or password, you will need to contact ScienceDirect. The alerts cannot be distributed to other individuals; therefore, each person must set up his or her own alert. The tutorial will show you how to create email alerts using the following advanced system features:

- **Search Alerts**
  Pre-schedule a search request to run automatically and deliver an email notification with a link to the updated search results.
- **New Issue Alerts**
  Request an email notification when a new issue of a specific journal is made available on ScienceDirect. The notification includes a link to the issue's table of contents.

Visit JEFFLINE's Cyber Café to see if the ScienceDirect collection of journals includes any journals for which you would like to set up search alerts or new issue alerts.

ACADEMIC NEWS
THE VALUE OF OLDER CITATIONS
(*April/May*)

The Aug 25, 2001 issue of The Lancet published an article titled "1966 and all that-when is a literature search done?" The article notes the importance of older medical literature, and with the recent death of a 24-year-old volunteer at John Hopkins because of lax research methods, medical literature searches are being called into question. Specifically, while many librarians are familiar with OLDMEDLINE, many researchers forget that MEDLINE only goes back to 1966, while OLDMEDLINE contains articles from 1958-1965.

OLDMEDLINE is not included in MEDLINE because, prior to 1965, there existed different original indexing standards. Older papers had many fewer subject headings, which do not correspond to currently used terms. In addition, the older articles do not have abstracts, which is why they are not a part of MEDLINE.

The National Library of Medicine is in the process of adding older citations at a rate of one to two years' worth per fiscal year, but it is important to realize that older citations are still not part of current MEDLINE or PubMED. As a result, the Medical Library Association is in the process of writing guidelines or standards for literature searching.

Value of Older Citations

(continued from page 2)

Older literature can greatly contribute to many factors in the research process. Using a citation database such as Science Citation Index allows researchers to follow the chains of citations and discover associations and trends in research over time. Tracking citations chains is a legitimate method used by researchers. The value in looking at older citations can lead to new ways to investigate diseases and find "old clinical truths." The Hopkins incident has renewed an interest in making OLDMEDLINE accessible through PubMED or MEDLINE, but for the time being it is important to remember to consider OLDMEDLINE in conducting comprehensive literature searches.

AMA REVISED PRINCIPLES OF MEDICAL ETHICS *(August/September)*

On Sunday June 17, 2001 the American Medical Association's House of Delegates adopted Revised Principles of Medical Ethics. The revised Principles represent a rare change to this historic document in the 154-year history of the Association. The revised Principles reflect many of the original tenets that the association has held since its inception, such as "dedication to providing competent medical care" (Principle I), "honesty in all professional interactions" (Principle II) and the "safeguard of patient confidences" (Principle IV).

The revised Principles include (new additions are in italics):
• "...safeguard patient confidences *and privacy* within the constraints of the law" (Principle IV)
• "...advance scientific knowledge, *maintain a commitment to medical education*" (Principle V)
• "...responsibility to participate in activities contributing to ... *the betterment of public health*" (Principle VII)
• "*A physician shall, while caring for a patient, regard responsibility to the patient as paramount*" (new Principle VIII)
• "*A physician shall support access to medical care for all people*" (new Principle IX)

View the newly revised Principles at:
http://www.ama-assn.org/ama/pub/category/2512.html

Scott Memorial Library added 29 new electronic journal titles published by Wiley Interscience. Included among the 29 journal titles is *Cancer,* and coverage for all 29 journals spans from 1997 to the present. The tables of contents and abstracts for dozens of other journals in a variety of fields are also available. *Access Wiley Interscience journals online at:*
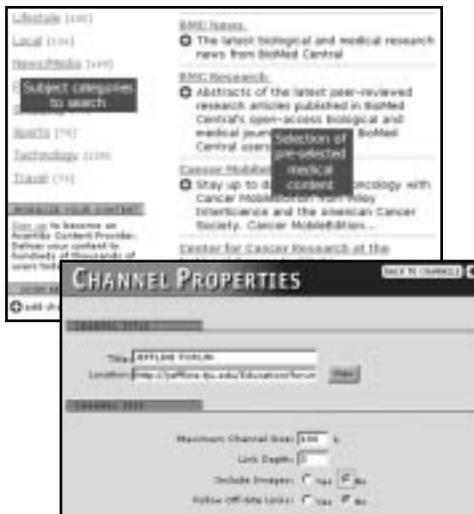**http://jeffline.tju.edu/SML/e-publications/collections.html**

Cyber Café

SOFTWARE
AVANTGO FOR YOUR PALM
(November)

AvantGo provides a free mobile Internet service for Palm, Pocket PC and Windows CE devices. With it, you may get regular downloads of information from websites you choose, every time you sync. So with your FREE subscription, you might choose the daily headlines from the New York Times, CNN, or the latest news from BioMed Central.

AvantGo offers over 1,500 pre-selected sites, also known as "channels," for general news, weather, technology tips, sports, health information and more. Custom channels are also available. For this service,

you get to choose any site, anywhere on the 'Net (so long as it's publicly accessible). What's the advantage? It's an easy way to keep up to date, not only on the popular news of the day, but professional news as well. Tables of contents of some journals are becoming available, so it's a convenient way of scanning for further reading. AvantGo is one of the easiest ways to get started using your PDA for daily updates.
Read the complete article at:
http://jeffline.tju.edu/Education/forum/01/11/articles/avantgo.html

TOP PICKS FOR YOUR PDA
(December)

Handheld computers are all the rage on campus. According to a survey of TJU primary care physicians in Internal Medicine and Family Medicine, ownership was high (2/3 of respondents) and use at point of care was significant. The survey was conducted by Jonathan M. Fenkel, JMC '04, and Marvin E. Gozum, MD. Their results have been submitted for formal publication, but Jeffersonians can already benefit from what they have learned.

How? JEFFLINE's Palm Support Center includes specific software recommendations that resulted from the survey. Use it to cut through the hype for hundreds of available medical applications, and get the most-recommended titles for your own handheld. The top pick in the survey was ePocrates' qRx software for drug information, which has the added benefit of being a free download. Look for the Palm Support Center in JEFFLINE's Community for Clinicians, under the Support tab.

What else is available in the center?
• links to on- and off-campus sources of hardware and software
• software written by Jefferson students and staff
• AISR workshops for PDA users

As part of its continuing workshop series, AISR has developed a seminar for PDA owners who want to take advantage of e-journals, books, and other clinical reference tools. It's good for both new owners and for anyone who wants to expand his or her existing toolkit. As new software becomes available, look for reviews in the JEFFLINE Forum.
For more information, visit the Palm Support Center on JEFFLINE:
http://jeffline.tju.edu/Clinicians/palm.html

HARDWARE

CLASS TOO LARGE TO BE INTERACTIVE? *(April/May)*

Do you think your class enrollment is too large to be interactive? AISR recently acquired an Audience Response System (ARS) that may be just what you need. The ARS includes small hand-held units (about the size of a PDA or calculator), a transceiver that collects the responses, and a computer application to organize the results. Using an ARS can help you better assess how well your students understand the material you're presenting. With the ARS, you can:

- Ask questions of your audience and immediately project a compilation of their responses on a large public screen.
- Tap your audience's feelings, opinions, beliefs, and knowledge, then engage them in a discussion of the results.
- Gauge how well your message is being received, and stimulate discussions with your audience on the materials you are presenting.

ARS has been popular in CE/CME use for the past couple of years and a few journal articles have been written about its use. These articles report that the audience feels more involved in the learning process, finds the presentation more interesting and scores higher on questions asked following presentations using ARS than the same presentation without it.
Contact Medical Media Services at 215.503.7841 to arrange to use ARS in your courses.

WIRELESS STETHOPHONE SYSTEM *(February/March)*

To improve the way medical students and residents learn to distinguish various heart sounds, a new infrared wireless system was recently acquired by AISR and the Department of Medicine that consists of an interface/transmitter and 135 receiver/stethophones. The interface unit can accept input from any audio source, such as a cassette player or a computer and, using an infrared "antenna," transmit the sound to the receiving stethophones.

Each stethophone consists of an infrared receiver, a sound chamber and a standard stainless steel binaural with rubber tips. A patient auscultation unit has also been ordered and is expected soon.

The system is being used during the second year ICM course, as well as during the medicine clerkship of the third year (students meet weekly with Dr. Salvatore Mangione to review various cardiac and pulmonary sounds) and for educational programs targeting Internal Medicine and Family Medicine residents.
Contact Medical Media Services at 215.503.7841 for information on using the stethophones in your class.

IMAGES OF THE MONTH
Images from the University Archives and Special Collections

U.S. flag that flew on Jefferson Medical College campus during the Civil War, manufactured by "Mintzer," Philadelphia, cotton, 48 x 72 in. [Full story in the December 2001 issue of the JEFFLINE Forum]

Copperplate Engraving of Female Gnat, from Robert Hooke's Micrographia Restaurata... Wonderful Discoveries by the Microscope, 1745 edition. (Special Collections, Quarto 578.H76 1745) [Full story in the November 2001 issue of the JEFFLINE Forum]

For more information on the University Archives and Special Collections, go to: **http://jeffline.tju.edu/SML/archives/**