

NEW SCHOLARLY PUBLISHING INITIATIVES: VOTIVE CANDLES LIGHT THE WAY

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From time to time it is important to bring to the attention of our faculty and administrators highlights from emerging trends that affect the library's operation and therefore impact on services to users. Two recent initiatives serve as 'little candles' to light the way toward changes in how scholars publish and communicate.

One initiative is SPARC, the Scholarly Publishing and Academic Resources Coalition, started by the Association of Research Libraries. SPARC serves as "an alliance of libraries that aims to foster expanded competition in scholarly communication." SPARC works "with publishers who are developing high-quality but economical alternatives to existing high-price publications." While no new journals have yet to appear in the biomedical sciences, SPARC has recently picked up two new associate partners that will help advise them on how best to target biomedicine. The new partners are the Medical Library Association (MLA) and the Association of Academic Health Sciences Libraries (AAHSL). Targeted topics under consideration for partnering with publishers include: genetics, cancer, virology and infectious diseases.

Pat Mickelson, President of AAHSL and director at the University of Pittsburgh Health Sciences Library System, stated in a recent message to the AAHSL membership: "By joining SPARC, AAHSL is making a statement to publishers that academic health sciences libraries are serious about doing something to control journal costs. Although it will take many years for SPARC to provide a valid alternative to current publishers, SPARC's program puts commercial publishers on notice that there may be other options for scholarly publishing."

The second glimmer of light appeared recently in a news update from *Science* (March 12, 1999). An effort has been started to produce an online biomedical archive for electronic articles. The item in *Science* highlighted the potential support and interest on the part of the National Institutes of Health. "Harold Varmus, Director of the National Institutes of Health (NIH), revealed at a congressional hearing last week that he likes the idea of building a one-stop, public source for biomedical research papers, and he's been exploring ways of doing it." This proposed archive has been labeled as a "revolution in scientific publishing". Leaders of the concept are Patrick Brown, genetics researcher at Stanford, and David Lipman, director of the NIH's National Center for Biotechnology Information. They are modeling their proposal after the successful eprint archives for physics and astronomy located at the Los Alamos National Laboratory in New Mexico. "The proposed venture would include methods for conducting a 'streamlined' version of traditional peer review of submitted papers. The details are in flux, but they're likely to be defined and released 'in a relatively short time,' according to Brown. Lipman discussed their plans with the Howard Hughes Medical Institute (HHMI), and now he and his colleagues are also turning to the NIH. Backed by its deep pockets, this dream could quickly become a reality."

Both SPARC and a national biomedical eprint service on the Web offer potential benefits to users. Both efforts attempt to assure scholars that the peer review system is protected and that worthwhile recognition is given to contributors. In addition to service benefits to users, these initiatives aim to be cost effective (cheaper!) and to provide more efficient access to critical information resources. Galter librarians support these efforts as part of the librarians' mission of collecting, preserving, organizing and disseminating biomedical information to users when and where they need it. Librarians are also eager to lend their expertise and skills in organizing these resources either on the local or national levels. We look forward to the changes in scientific publishing and hope you do too! 

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GALTER HEALTH SCIENCES LIBRARY GIFT POLICY

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Over the years, it has become increasingly difficult for the staff to handle gifts due to time, space, and limited-value of the donations. Last year for example, we received 180,000 items and kept roughly 180 items or less than 1%. In addition, it takes a minimum of one full-time employee to oversee gifts. For these reasons, the Library will only accept gifts under the conditions outlined in our policy below.

Since the founding of the Galter Health Sciences Library, the Library collections have been enriched by generous gifts of books and other materials. The Library welcomes gifts that fall within the scope of its collecting activities and which support the University's programs. Of particular interest are scholarly or rare items with research value that are in good physical condition. Materials which fall outside the Library's collection policy such as popular journals, unnecessary duplicates, unbound reprints, etc. are generally not accepted. Sets of relevant journals will be accepted if they are intact with original covers, advertisements, supplemental materials, etc.

POLICY: Gifts of materials are accepted by the Library with the understanding that upon receipt, the Library becomes the owner of the materials. The Library reserves the right to determine their retention based on their suitability for the collection, location, cataloging, and other considerations related to their use or disposition. Only the Director or his/her designees may accept books on behalf of the Library.

PROCEDURES: Anyone interested in donating journals must send a list of the journal titles and issues to the Collection Management Librarian, Technical Services Department, Galter Health Sciences Library, 303 East Chicago Avenue, Chicago, IL 60611-3008. The librarian will contact the donor and indicate whether or not the gift would be of value to the Library. Delivery to the Library is generally the donor's responsibility and the cost may be tax deductible. Contact the Collection Management Librarian with any questions: 312-503-9351.

Anyone interested in donating books or other materials (videos, slides, manuscripts, etc.) should arrange receipt of the materials with the Collection Management Librarian, 312-503-9351. Delivery to the Library is generally the donor's responsibility and the cost may be tax deductible.

APPRAISALS: Donors who wish an evaluation of their gifts for tax purposes are referred to the Internal Revenue Service for instructions. It is the donor's responsibility to provide lists of materials donated. The library will not provide appraisals or lists of materials donated.

GIFTS OF MONEY: Donations of funds to supplement the Library's acquisitions are always welcomed. Information on making contributions to the Library, establishing an endowment and naming opportunities may be obtained from the Library Director, 312-503-8133.

ACKNOWLEDGMENTS: Appropriate acknowledgment of all gifts is made by the Library. Also, where appropriate, book plates with the donor's name may be placed in the volumes.

HARRISON'S ONLINE: FIRST ELECTRONIC TEXTBOOK AT GALTER

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The Galter Health Sciences Library continues to create a research facility that is anywhere the user wants it to be. The library is pushing its way through copyright law and licensing agreements to bring its users electronic materials. This process began with the selection of 48 full-text electronic journals with links to MEDLINE searches in Ovid and continues with the purchase of electronic textbooks.

Harrison's Principles of Internal Medicine was a logical choice for the first electronic textbook. Harrison's is always in use at the physical library, so the Library chose to make the textbook available to all of Northwestern University via the World Wide Web. Now *Harrison's Online* can be accessed by all Northwestern University affiliates if you are connected to NUnet. You are connected to NUnet if: 1) you are using a computer on campus, or 2) you are connected via modem to the Northwestern University modem pool.

Harrison's Online brings you the 14th edition of the printed textbook but also allows the editors and authors to evaluate and update material regularly. This includes late breaking clinical trials, links to relevant web sites, and references to the most recent literature. Edition no longer matters with *Harrison's Online* because each section is updated separately and contains a date signifying when the page was last modified. All new material

can be found in the "What's New" area of the web page, including added references and updated sections.

Accessing the information in *Harrison's Online* is accomplished several ways. There is a standard search engine that searches the text of the chapters or you can search for a specific chapter or section. Though page numbers do not apply to the electronic textbook, all chapters and sections should match the printed volume. There are three different versions of the Table of Contents: Brief, Full and Topical. Each of these features attempts to cater to your information seeking needs by breaking down the large volume of information into smaller manageable parts. The last access point is the Index. This method resembles the back of the book index, listing keywords in alphabetical order.

All this information is at your fingertips. Just point your Web browser to: <http://www.galter.nwu.edu> and select *Harrison's Online*. Once you are in the system, click on "Subscriber Log-in." It is important to remember to log-out of the system when you have finished because simultaneous usage is limited to ten. Please try this new resource and let the library know what you think. Harrison's is the first of many textbooks arriving on our electronic shelves this year. Keep your eyes and ears peeled for new acquisitions. ☞

STAFF NEWS

Rodney Jackson has joined the Galter staff as Serials Assistant for the Technical Services Department. Rodney has been a Library Assistant for the University Library for the last ten years. Welcome Rodney!

Barbara Nadler, Education Coordinator and Ramune Kubilius, Head of Reference and Research Services, have co-authored a paper with Dr. Michael Altman on teaching Internet skills to first-year medical students, published in the February 1999 issue of *Physicians and Computers*.

The Medical Library Association will hold their annual meeting in Chicago during May. The Galter staff are involved with local arrangements including planning tours and developing the meeting's homepage. Galter staff will present two poster sessions at the meeting, featuring the use of Cold Fusion and database management for HealthWeb and the Galter Homepage. ☞

FORTHCOMING ELECTRONIC TEXTBOOKS

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The Galter Library will be providing new electronic textbooks and health care news services to our users this spring through *MD Consult* and *StatRef*. These titles will be mounted on the Internet and accessible via our homepage. Watch for announcements in our newsletter, homepage, and mailings to departments.

MD Consult includes access to thirty-seven premier textbooks. Users will be able to access these textbooks from home or the office. There are also news alerting services so that clinical staff can keep abreast of what their patients are reading and seeing on the news. For instance, it was recently announced that Walter Payton was suffering from a rare liver disease. *MD Consult* provides not only a news summary about Mr. Payton, but provides full-text articles linked to the news release so that health care professionals can quickly read about the disease and answer any questions they might get from their patients.

AAP 1997 Red Book: Report of the Committee on Infectious Diseases	Pfenninger: Procedures for Primary Care Physicians
Behrman: Nelson Textbook of Pediatrics	Pizzo: Principles and Practice of Pediatric Oncology
Bennett: Cecil's Textbook of Medicine	Rakel: Conn's Current Therapy
Bone: Pulmonary and Critical Care Medicine	Ravel: Clinical Laboratory Medicine
Braunwald: Heart Disease: A Textbook of Cardiovascular Medicine	Reese: Practical Approach to Infectious Disease
Braverman: Werner and Ingbar's The Thyroid	Roberts: Clinical Procedures in Emergency Medicine
Brenner: Brenner & Rector's The Kidney	Rockwood: Rockwood and Green's Fractures in Adults
Calkins: Practice of Geriatrics	Rosen: Emergency Medicine Concepts and Clinical Practice
Dambro: Griffith's 5-Minute Clinical Consult	Rowland: Merritt's Textbook of Neurology
DeVita: Cancer: Principles & Practice of Oncology	Ryan: Kistner's Gynecology: Principles and Practice
Ellenhorn: Ellenhorn's Medical Toxicology	Sabiston: Textbook of Surgery
Ferri: Practical Guide to the Care of the Medical Patient	Sande: The Medical Management of AIDS
Goroll: Primary Care Medicine	Schiff: Diseases of the Liver
Habif: Clinical Dermatology: Color Guide to Diagnosis and Therapy	Scott: Danforth's Obstetrics and Gynecology
Johns Hopkins: The Harriet Lane Handbook	Wagner: Marriott's Practical Electrocardiography
Kaplan & Sadock: Comprehensive Textbook of Psychiatry	Walsh: Campbell's Urology
Koopman: Arthritis and Allied Conditions: A Textbook of Rheumatology	Washington Manual of Medical Therapeutics
Middleton: Allergy: Principles and Practice	Weiner: Neurology (House Officer Series)
	Yamada: Textbook of Gastroenterology

In addition to *Harrison's Online* and *MD Consult*, the Galter Library has also purchased an additional five electronic texts for the online library through *StatRef*.

USP DI Vol. I - Drug Information for the Health Care Professional (includes supplemental updates)	Handbook of Adverse Drug Interactions
USP DI Vol. II - Advice for the Patient (includes supplemental updates)	Cassell: Geriatrics
The Medical Letter (1988 - present)	Medical Immunology (formerly Basic & Clinical Immunology)
	Review of Medical Physiology

ELECTRONIC JOURNALS EXPAND: ACS AND NORTHWESTERN

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The list of electronic journals available through the Galter Library continues to grow. In collaboration with the University Library, we now have a license with the American Chemical Society (ACS) to access their electronic journals. The Galter Library subscribes to three ACS print titles: Biochemistry, Journal of Medicinal Chemistry, and Journal of Pharmaceutical Sciences. We will now have access to the electronic version of these titles as well as to twenty-eight additional titles. These titles can be accessed through the electronic journals page of the Galter Library (<http://www.galter.nwu.edu>) as well as through the NU online catalog, NUcat. 

AMERICAN CHEMICAL SOCIETY ELECTRONIC JOURNALS

Accounts of Chemical Research	Journal of Chemical Information and Computer Sciences
Analytical Chemistry	Journal of Combinatorial Chemistry (New in 1999!)
Analytical Chemistry News & Features	Journal of Medicinal Chemistry
Biochemistry	Journal of Natural Products — Copublished with the Am. Soc. of Pharmacognosy
Bioconjugate Chemistry	The Journal of Organic Chemistry
Biotechnology Progress — Copublished with the Am. Inst. of Chem. Engineers	Journal of Pharmaceutical Sciences — Copublished with the Am. Pharmaceutical Assoc.
Chemical & Engineering News	The Journal of Physical Chemistry A
Chemical Research in Toxicology	The Journal of Physical Chemistry B
Chemical Reviews	Langmuir
Chemistry of Materials	Macromolecules
Energy & Fuels	Organic Letters (New in July 1999!)
Environmental Science & Technology	Organic Process Research & Development — Copublished with the Royal Society of Chemistry
Environmental Science & Technology News & Research Notes	Chemistry
Industrial & Engineering Chemistry Research	Organometallics
Inorganic Chemistry	
Journal of Agricultural and Food Chemistry	
Journal of the American Chemical Society	
Journal of Chemical & Engineering Data	

SHAKESPEARE IN INTERLIBRARY LOAN: THE ARIEL SYSTEM

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In January, the Interlibrary Loan (ILL) office started using a new system called Ariel as part of our program to take greater advantage of computerized ILL tools and resources. Described as the "Ultimate Document Transmission System" by its producers, the Research Libraries Group, Ariel allows us to transmit interlibrary loans over the Internet. A recent study of ILL, by the Association of Research Libraries, showed that Ariel is one of the best ways to improve ILL performance. We use Ariel whenever possible to receive ILL requests and to send out requests to other institutions.

The Ariel system consists of a scanner, a networked PC, the Ariel software and a printer. Articles are scanned directly from the journal without the intermediate step of photocopying. The scanned images are saved as highly condensed TIFF (tagged image file format) images. After scanning, the article is previewed to insure that all of its pages are there and legible. The Ariel software forwards the item, across the Internet, to the Ariel workstation at the requesting library via FTP (file transfer protocol). The item is then printed or forwarded via e-mail to the patron who placed the request.

ARIEL—continued on page 7

NEW DATABASE: EMBASE DRUGS AND PHARMACOLOGY

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Galter Library is pleased to bring you EMBASE Drugs and Pharmacology, a subset of EMBASE: Excerpta Medica Database. EMBASE, produced by Elsevier Science, is a major biomedical and pharmaceutical database, and is known for its strength in the areas of new drugs and drug development. EMBASE is similar in many ways to MEDLINE, but is more strongly European in nature. About 54% of the citations in EMBASE are European, with approximately 34% from North America. You will find EMBASE Drugs and Pharmacology in the list of Galter Library Ovid databases. Coverage is currently from 1993 till December 1998.

journal coverage not duplicated in MEDLINE. In these areas, EMBASE Drugs and Pharmacology will most certainly supplement, and may even surpass depth of coverage in MEDLINE.

IMPORTANT SEARCHING INFORMATION
When searching EMBASE, different vocabulary may be needed from that used with MEDLINE. Instead of MeSH terms there is the EMBASE Thesaurus (EMTREE). Subject headings are organized in a hierarchical fashion like MeSH, but the two are not at all equivalent. To help you along, EMBASE Drugs and Pharmacology will map the terms you enter to the most likely EMBASE Thesaurus vocabulary.

The EMBASE Drugs and Pharmacology subset is different from Galter Library's other databases in its focus on the pharmaceutical industry. In it you will find information on effects, use, and administration of all current potential and experimental drugs as well as side effects, manufacturers and trade names of approved and prospective drugs. You may find some overlap with MEDLINE, however EMBASE strives to provide

As with MEDLINE you may explode EMBASE subject headings to pick up more specific, narrower terms. In addition, you may focus a search so that the subject heading used is one of the main topics of the articles retrieved, also a MEDLINE feature.

Using EMBASE links, which are like MeSH subheadings, you may directly attach a subconcept with a subconcept.

EMBASE—*continued next page*

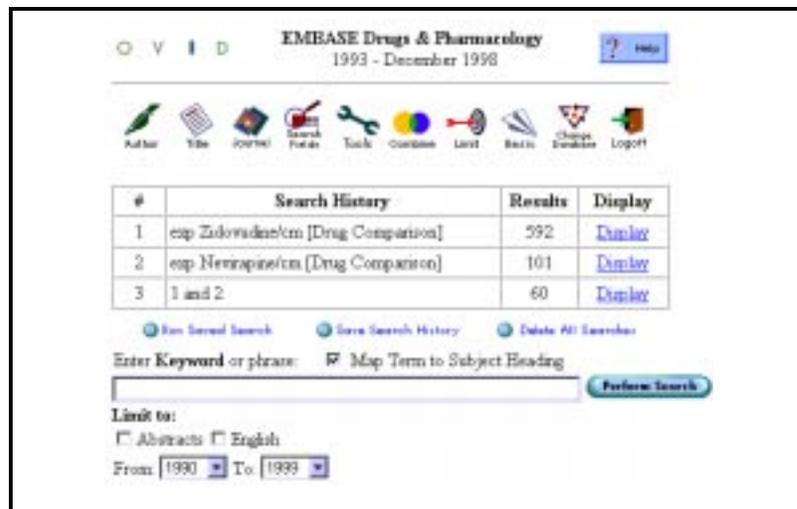
EMBASE—*continued*

Among available links are drug comparison (cm), drug development (dv), drug therapy (dt), drug interaction (it), drug combination (cb), adverse drug reaction (ae), clinical trial (ct), pharmacokinetics (pk), pharmaceuticals (pr), pharmacoeconomics (pe) and pharmacology (pd). In the search strategy shown below, links are used to find articles that compare the drugs zidovudine and nevirapine, two drugs used in the treatment of AIDS.

Unless exhaustive mention of a drug is required, search only the preferred drug term. Although CAS Registry Numbers are searchable, indexing for them is not

complete. Use them as one way to find the preferred drug term, which will bring a much better retrieval. The exception to this is if the drug is too new to have a preferred drug term. In this case it will be indexed as written in the article, which may vary between articles. If no preferred term is found, search variations of the drug name as keywords.

Try out EMBASE Drugs and Pharmacology now at the following web address: <http://www.galter.nwu.edu/databases/ovidmed.html>. You may find it an invaluable resource! Please let us know what you think, at ghsl-ref@nwu.edu.



FIVE WAYS TO EXPEDITE ILLS

- 1) Check NUCat (<http://nucal.library.nwu.edu>) to see if we or any other Northwestern University Libraries own the item you are looking for. If we own it, check the shelf. If its there do not submit the ILL; if its available at another NU library, indicate the location on the ILL form.
- 2) Check NUCat to see if we have electronic access to that journal. If we do, print the article and do not submit the ILL form.
- 3) Use our web based Interlibrary Loan and Photocopy Service forms (<http://www.galter.nwu.edu/services/index.html>) to expedite your request.
- 4) Use the order function in Ovid MEDLINE to submit your request directly from your MEDLINE search to the Galter Library for processing.
- 5) Provide us with full citations, including the MEDLINE Unique Identifier number.

ARIEL—*continued from page 5*

Ariel has three major strengths that make it superior to traditional delivery methods. First, it greatly reduces turnaround time. Items are quickly scanned and sent over the Internet. Interlibrary loans for photocopies are received minutes, not days, after they are filled by the lending library. No more photocopying, addressing envelopes, waiting for the item to make its way through the mail room to the postal system, and waiting for it to emerge from the local mailroom. Second, Ariel produces higher quality copies than photocopiers or fax machines. Items are sent as highly compressed TIFF images. These images, as opposed to ASCII text, preserve the original clarity and detail of photographs, formulae, and text. The high compression reduces the size of the files which makes them easier to handle and transport. Finally, Ariel reduces costs. Staff costs are reduced since it takes less time to fill a request. Operating costs are reduced since we no longer need to pay for postage, envelopes, or telephone charges.

Over the next few months, we will be evaluating this new system, looking for additional ways to take advantage of it, and studying its effect on our turn-around time. We are developing a procedure to send ILLs directly to users. We are also examining the possibility of having items from the University Library in Evanston sent directly to users.

GALTER HEALTH SCIENCES LIBRARY
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CHICAGO, IL 60611-3008

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MANAGING EDITOR

JAMES SHEDLOCK, A.M.L.S.
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LIBRARY HOURS*

Monday-Thursday
8:30 a.m.-12:00 a.m.
Friday
8:30 a.m.-9:00 p.m.
Saturday
9:00 a.m.-7:00 p.m.
Sunday
11:00 a.m.-11:00 p.m.

*LRC and Circulation always closes 15 minutes earlier.
*Photocopiers are turned off 15 minutes before closing

REFERENCE ASSISTANCE

Monday-Thursday
9:00 a.m.-8:00 p.m.
Friday-Saturday
9:00 a.m.-5:00 p.m.

TELEPHONE NUMBERS

Administration
312-503-8133
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312-503-1908
Learning Resources Center (LRC)
312-503-8238
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312-503-8109

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