HSLS *Update*

IN THIS ISSUE

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*INTEGRATED
INFORMATION MATTERS*

New HSLS Web Portal to Molecular Biology & Genetics Resources

The Health Sciences Library System is pleased to introduce a new guide to molecular biology and genetics resources<www. hsls.pitt.edu/guides/genetics>, developed to support the HSLS Information Service in Molecular Biology and Genetics. This Web guide serves as a portal to tools, resources, and tutorials available to the University of Pittsburgh and UPMC research communities.

The "tools" section provides a task-specific hierarchical menu of links to molecular biology and genetics software and databases. A "search for tools" option allows users to find bioinformatics tools by keyword. Every link is tagged with an information icon ("i"), which provides a short description of the resource.

The guide also provides access to licensed library resources including CellSpace Knowledge Miner, Proteome BioKnowledge Library, and Current Protocols Online. (see article on page 2 for details about CellSpace). In addition, users can submit bioinformatics queries to the information specialist, browse the schedule of workshops, and access online PowerPoint tutorials on the use of bioinformatics tools. The development of this guide is an ongoing project, and we urge users to contribute to it by sending suggestions and comments. Please contact Ansuman Chattopadhyay, PhD, at 412-648-1297 or ansuman@pitt.edu with questions or suggestions.

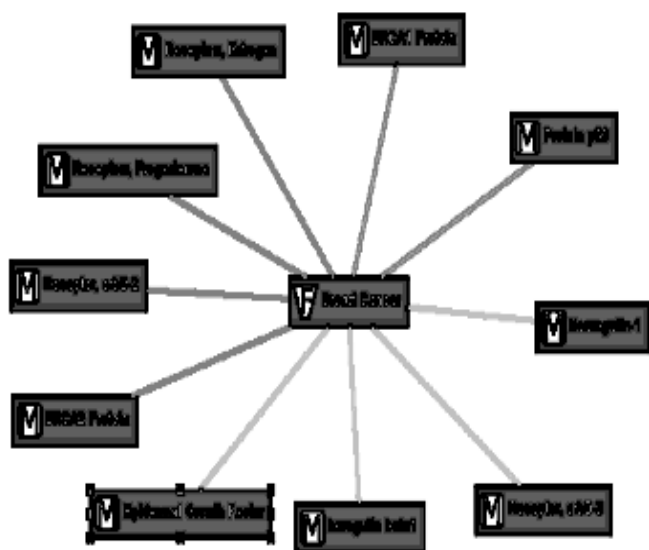*--Ansuman Chattopadhyay*

Announcing New Online Resources

AccessMedicine, *BioMed Central* and *EMBASE.com* were recently added to the wide array of resources provided by HSLS. See pages 2, 4, and 9 for more information about these new online resources, which you can connect to through <www.hsls.pitt.edu>.

Watch for email distribution of HSLS Update beginning in August

Details on page 10

Building the Electronic Collection in Molecular Biology
CellSpace Knowledge Miner available through HSLS

In recent years, burgeoning research in the field of life sciences has produced massive information overload. With the development of bibliographic databases, information retrieval is relatively easy, but capturing knowledge from the search results has become increasingly difficult. For example, if you want to know the major proteins or gene products involved in the biological process of apoptosis (cell death), a PubMed search of "apoptosis" will return a list of roughly 69,000 articles for the last 30 years. Deriving knowledge from this overwhelming amount of data is difficult and time consuming. In an effort to enhance the knowledge capture process from PubMed literature searches, HSLS has licensed *CellSpace Knowledge Miner*

from Cellomics Inc. By using this tool in the previous example, a searcher would be able to find a list of proteins that co-occur with the term "apoptosis" in the research literature. In general, co-occurring terms have a biologically meaningful relationship.

CellSpace is a bioinformatics tool— a knowledge mining system that automatically detects, analyzes, and reports the logical relationships between four types of terms found in the research literature:

1. molecule: proteins, genes, drugs
2. function: biological processes and disease states
3. cell type
4. organism

CellSpace computers analyze the National Library of Medicine's MEDLINE database, performing proprietary statistical correlation analyses regarding the organisms, cell types, biological processes, and molecules reported in 655 selected life science research journals. The molecular relationships extracted from the literature are then stored in the CellSpace database, which can be queried via the CellSpace user interface. The information is updated every two weeks.

CellSpace allows users to start with one or more molecules, functions, cells and systems, or organisms, and search for connections in any of the four categories. Using CellSpace, searchers can:

- Start with a single protein (or other molecule) and find its functions, the diseases in which it is implicated, and related molecules.
- Start with results from a high-throughput experiment (such as a cluster of co-regulated genes from microarray analysis), and easily find the functions that they share.
- Start with the results of proteomics experiments, and quickly screen the data to distinguish published interactions from novel ones.
- Start with a disease and find related molecules, or related functions.
- Start with two or more functions, and find the related molecules that they have in common.
- View the literature that supports the connections found in CellSpace.

CellSpace is available via the HSLS molecular biology and genetics portal <www.hsls.pitt.edu/guides/genetics> listed under "Resource Highlights". Access is limited to 8 simultaneous PC users (Mac OS is not supported) from UPMC and the University of Pittsburgh Oakland campus. For more information or to schedule CellSpace training please contact Ansuman Chattopadhyay, PhD, information specialist in molecular biology and genetics, at 412-648-1297 or ansuman@pitt.edu.

--Ansuman Chattopadhyay

AccessMedicine Collection Available Electronically

The University of Pittsburgh and UPMC now have access to the major reference and textbooks from McGraw-Hill's AccessMedicine collection. This online collection consists of 20 internationally recognized reference works in internal medicine, cardiology, genetics, pharmacy, diagnosis and management, basic and clinical sciences, and patient care. Key resources include Harrison's Online, the AccessLANGE suite of 16 basic science and clinical reference texts, The Metabolic and Molecular Bases of Inherited Disease, Hurst's The Heart, and the Current-Med references.

ACCESSMedicine.com
Daily Updates to Classic References

- **Harrison's Online** – This resource delivers the complete text, illustrations, and expanded features from the *15th edition of Harrison's Principles of Internal Medicine*, including additional references, many links to MEDLINE abstracts, and information from emerging fields.

- **AccessLANGE** – The following LANGE texts are available full-text, online:
    o *Basic and Clinical Endocrinology*
    o *Basic and Clinical Pharmacology*
    o *Basic Histology*
    o *Concise Pathology*
    o *Correlative Neuroanatomy*
    o *Current Diagnosis and Treatment in Orthopedics*
    o *Current Diagnosis and Treatment in Psychiatry*
    o *Current Pediatric Diagnosis and Treatment*
    o *General Ophthalmology*
    o *Harper's Biochemistry*
    o *Histology Image Review*
    o *Jawetz, Melnick and Adelberg's Medical Microbiology*
    o *Medical Epidemiology*
    o *Pathophysiology of Disease*
    o *Review of Medical Physiology*
    o *Smith's General Urology*

- **The Metabolic and Molecular Bases of Inherited Disease** – Learn what is currently known about inherited diseases by searching *The Metabolic and Molecular Bases of Inherited Disease, 8th Edition* Online.

- **Hurst's The Heart** – Access the full text of *Hurst's The Heart, 10th Edition* in a convenient, cross-referenced, searchable format with links to MEDLINE abstracts, regular updates, and many other features.

- **Current-Med references** – Search three clinical texts and a drug database.
    o *Current Medical Diagnosis and Treatment*
    o *Practice Guidelines In Primary Care 2002*
    o *Pocket Guide to Diagnostic Tests, 3rd Edition*
    o An integrated drug database with information about dosages, trade names and pricing for all FDA approved drugs in the US, investigational drugs at phase 3 and beyond, and herbal supplements.

These resources can be accessed through PITT*Cat* or through the HSLS E-books page at <www.hsls.pitt.edu/resources/ebooks/titles>.

--Renae Barger

WPIC Library Hours Change

Beginning July 1, the WPIC Library **will close on Monday through Thursday at 7:00 pm.**

The new schedule is:

Monday through Thursday	8:00 am to 7:00 pm
Friday	8:00 am to 5:00 pm
Saturday	10:00 am to 5:00 pm
Sunday	12:00 noon to 5:00 pm

EMBASE.com

The Power of EMBASE & MEDLINE Combined

HSLS is pleased to introduce EMBASE.com to University of Pittsburgh and UPMC library users. EMBASE.com combines EMBASE, the Excerpta Medica database renowned for its extensive coverage of drug-related literature, with MEDLINE, the National Library of Medicine's biomedical database. The new combination features simultaneous searching of EMBASE (1974-present) and MEDLINE (1966-present) to provide biomedical and pharmacological information drawn from 5000 journal titles published in 70 countries.

EMBASE.com is available through the HSLS Web site at <www.hsls.pitt.edu/ resources/databases/titles>. Searching EMBASE.com offers benefits including:

· A current awareness feature to generate tables of contents from more than 4,000 journals.

· Links to full text

· Drug Search options for sophisticated drug-related queries, including searching by drug name, Chemical Abstracts Service (CAS) registry number, trade name, manufacturer, etc.

· Disease Search which focuses on very specific aspects of disease-related research, such as congenital disorder, therapy, surgery, etiology, prevention, etc.

· Ability to restrict your search within a particular EMTREE category. EMTREE is a sophisticated hierarchical subject thesaurus arranged from very broad to very specific biomedical concepts.

· De-duplicated search results (duplicate citations are automatically removed from the results).

--Rebecca Abromitis

School of Medicine Class of '43 Honored at HSLS Reception

School of Medicine Class of 1943 alums
Front row L-R: Ross H. Musgrave, Ralph M. Kniseley
Back row: Macy Levine, John P. Brandt, Thomas E. Allen

On May 16, HSLS hosted a reception honoring the University of Pittsburgh School of Medicine class of 1943 as part of its 60th reunion weekend celebration. Five members of the class attended the library event.

The war years were an interesting and tumultuous time to attend medical school. University of Pittsburgh students were pushed through the medical curriculum in three years rather than four, as the wartime need for physicians mandated that vacations and summer breaks were cancelled. The students were considered to be part of the armed services, and had to combine military training (drills, marching) with their medical studies.

Class of '43 alumnus Dr. Ralph Kniseley was recognized at the library reception for his generous donation of the 45 beautiful paintings displayed throughout the Falk Library. A lifelong painter and sculptor, Dr. Kniseley has exhibited his works in both one-man and juried shows. In addition to his commitment to artistic expression, Dr. Kniseley has enjoyed a distinguished career in nuclear medicine.

In conjunction with the library reception, an historical exhibit titled "Medicine, Medical Education, and the Second World War" is on display in the Falk Library through August. The two-part exhibit depicts some of the medical school and military experiences of the class of 1943, and various medical innovations developed as a result of wartime conditions. These include blood banking, malaria prevention and control, and antibiotic use (sulfa drugs and penicillin). The exhibit was researched and produced by HSLS librarian Barb Folb.

Integrated

Information Matters

Research & Practice Fundamentals
HIPAA Training Modules

The Education and Certification Program in Research & Practice Fundamentals (RPF) <rpf.health.pitt.edu/rpf> is an Internet-based training system designed to provide large-scale compliance with governmental and institutional requirements. In keeping with this design, RPF released three modules related to the Health Insurance Portability and Accountability Act (HIPAA) in March 2003.

HIPAA is federal legislation passed by Congress in 1996 that impacts the following three areas: insurance portability, administration simplification, and privacy and security. Non-compliance with both University and governmental policy on this matter can result in civil and/or criminal penalties, as well as disciplinary action related to employment. HIPAA required that training on this material be completed by April 14, 2003.

Development of the three HIPAA modules drew on the expertise of both the university and UPMC HIPAA units. Each saw the need to provide specific training for health care providers and staff, without radically different content between the two institutions. The result is educational material that is very similar, with some adjustments for institutional differences.

In addition to training health care providers, staff, and students, the university required a HIPAA-related module exclusively for those involved in types of research that may fall under HIPAA policies. Individuals at Pitt and its associated institutions who participate in such research are required to complete the training. Consequences for not completing this training can include delays on grant/protocol submissions, or the inability to participate in the research at the university.

To determine which modules must be completed, and to link to the university and UPMC online HIPAA training, review the "Training Chart for HIPAA Modules" link on the RFP "What Is Required?" Web page <rpf.health.pitt.edu/rpf/about/about.cfm?main=aboutReqd>. The "What Is Required?" page also links to the list of individuals who must receive a copy of signed, completed training certificates.

The following are important links related to this article:

- University of Pittsburgh's HIPAA Web site <www.pitt.edu/hipaa>
- UPMC's Physician HIPAA Web site <www.upmc.edu/ccehs>
- UPMC's Staff HIPAA Web site (*NOTE:* available only to those with access to UPMC's network) <infonet.upmc.edu/hipaa>
- The list of individuals who must receive a copy of the signed, completed training certificates <rpf.health.pitt.edu/rpf/about/about.cfm?main= aboutReqd>
- U.S. Government Department of Health and Human Services HIPAA Web site <www.hhs.gov/ocr/hipaa/>

--Ari Beedle, Systems Programmer, CBMI
--Andre Francois, Information Technology Manager, Schools of the Health Sciences

Health Sciences Unit Web Site Project

The Health Sciences Unit Website Project (HSUWP), introduced last spring, has worked to create a standardized Web site model template to best represent the typical Health Sciences (HS) unit. The project has successfully navigated the first round of customer launches, and is set to begin another summer of development. Examples of HS Web sites developed under this project include the Division of Endocrinology and Metabolism <endo.medicine.pitt.edu>, the Department of Immunology <immunology.medicine.pitt.edu>, the Division of General Internal Medicine <dgim.medicine.pitt.edu>, the Department of Ophthalmology <ophthalmology.medicine.pitt.edu>, and the Division of Gastroenterology, Hepatology and Nutrition <gi.medicine.pitt.edu>.

The HSUW project began as an exercise in organizational integration, bringing together representatives from UPMC Public Relations, the Health Sciences Library System, Office of Research - Health Sciences, and the Center for Biomedical Informatics to develop a functional Web site model template. Through reciprocal links, standardized wording, and a style approved by UPMC Public Relations, the HSUW project committee has eased some of the challenges previously faced by HS units in their independent efforts to serve both academic and clinical missions simultaneously on the Web. Often a unit would choose to emphasize one mission at the expense of the other, or sacrifice both, resulting in variable Web site quality, questionable content choices, and neglected pages.
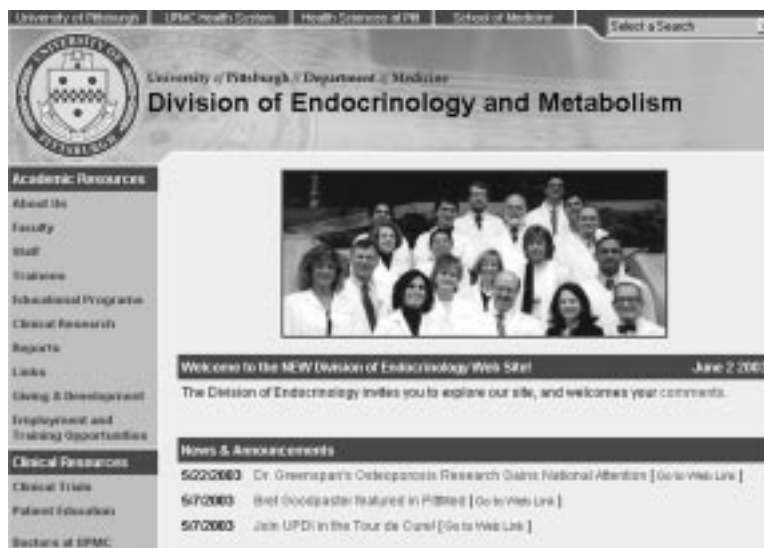
After one year of planning and development, Web site authoring software was produced. Existing applications were reused from the IAIMS architecture to enhance the final product. This configurable software runs on a relational database with a Web-based user interface that can be used to:

- manage content and content categories
- prepare and maintain individual homepages for faculty, staff, and trainees
- update a links page
- customize homepage content
- post news and events.

All Web sites are housed in a central hosted facility supported by the Office of the Senior Vice Chancellor, Health Sciences, Dr. Arthur S. Levine. Personnel time is kept to a minimum, with a departmental Web coordinator serving as the contact within each unit. This alleviates the need to assign technical staff with the responsibility of maintaining the Web site. CBMI staff consisting of a Webmaster, Web programmer, and a project manager launched approximately one dozen sites last summer, and hope to triple that number by the end of summer 2003.

More information on current project activities is available at: <www.health.pitt.edu/it> under 'IT Projects.'

--Nicholas Soulakis
Webmaster for the
Schools of the Health Sciences

HSLS Schedule of Classes July - August 2003

HSLS ORIENTATION

Introduction to HSLS Resources and Services
(Falk Library, meet inside entrance to Library)
Friday, July 11   11:00 a.m.-12:15 p.m.
Monday, August 4   2:00 p.m.-3:15 p.m.
Thursday, August 14   11:00 a.m.-12:15 p.m.

SEARCHING MEDLINE

Searching MEDLINE on Ovid*
(Falk Library, CMC Classroom #2)
Monday, July 7   2:00 p.m.-3:30 p.m.
Tuesday, August 12   11:00 a.m.-12:30 p.m.

Searching PubMed*
(Falk Library, CMC Classroom #2)
Thursday, July 31   3:30 p.m.-5:00 p.m.
Wednesday, August 13   8:00 a.m.-9:30 a.m.

Advanced MEDLINE Searching on Ovid*
(Falk Library, CMC Classroom #1)
Tuesday, July 15   10:00 a.m.-11:30 a.m.

SPECIAL TOPICS

Clinical Information Resources*
(Falk Library, CMC Classroom #2)
Wednesday, July 9   10:30 a.m.-12:00 p.m.

Basic Science Information Resources*
(Falk Library, CMC Classroom #2)
Thursday, July 24   1:00 p.m.-2:30 p.m.

Searching for Evidence-Based Literature*
By Appointment, Contact: Pat Friedman (412) 648-2040

Medical Humanities on the World Wide Web*
By Appointment, Contact: Jonathon Erlen (412) 648-8927

BIBLIOGRAPHIC MANAGEMENT SOFTWARE

EndNote Basics
(Falk Library, CMC Classroom #2)
This class is usually full. Please arrive 15 minutes in advance to ensure seating. Class will start promptly at scheduled time.
Monday, July 14   10:30 a.m.-12:30 p.m.

Introduction to ProCite Version 5
(Falk Library, CMC Classroom #2)
Wednesday, July 30   1:00 p.m.-3:00 p.m.

MOLECULAR BIOLOGY AND GENETICS

Information Hubs for Molecular Biology and Genetics*
(Falk Library, CMC Classroom, #2)
Wednesday, August 6   1:00 p.m.-4:00 p.m.

Sequence Similarity Searching*
(Falk Library, CMC Classroom #1)
Wednesday, July 23   1:00 p.m.-4:00 p.m.

DNA and Protein Analysis Tools*
(Falk Library, CMC Classroom #1)
Wednesday, July 9   1:00 p.m.-4:00 p.m.

SOFTWARE TRAINING

Adobe Photoshop for Beginners
(Falk Library, CMC Classroom #1)
Monday, July 21   11:00 a.m.-1:00 p.m.

PowerPoint for Presentation
(Falk Library, CMC Classroom #1)
Wednesday, July 2   8:00 a.m.-10:00 a.m.

Introduction to Personal Digital Assistants (PDA's)
(Falk Library, CMC Classroom #1)
Thursday, July 3   10:00 a.m.-12:00 p.m.

WORLD WIDE WEB RESOURCES

Health Resources on the World Wide Web*
By Appointment, Contact: Linda Hartman (412) 648-1479

Mental Health Resources on the World Wide Web*
By Appointment, Contact: Barb Folb (412) 624-0911

Public Health on the Web: Finding What You Need When You Need It*
By Appointment. Contact Ammon Ripple at (412)-648-1251.

All classes are open to faculty, staff and students of UPMC and the Schools of the Health Sciences of University of Pittsburgh. No registration required. Seating for classes is first-come, first-served until the class is full. Detailed course descriptions are available at <www.hsls. pitt.edu/services/instruction>

*Classes marked with an asterisk qualify for A.M.A. category 2 CME credit

HSLS Staff News

HSLS Participation at the Medical Library Association (MLA) Conference, San Diego, California, May 2-7, 2003

CONTRIBUTED PAPERS

Renae Barger, health sciences library and informatics trainee, and **Nancy Tannery,** assistant director for Information Services: *Evaluating the need for an electronic reference service within an academic health sciences library system.*

Ansuman Chattopadhyay, information specialist in molecular biology and genetics, **Barbara Epstein**, associate director, **Patricia Mickelson**, director, and **Nancy Tannery**, assistant director for Information Services: *Development of an information service program in molecular biology and genetics.*

Barbara Epstein, associate director**, Nancy Tannery**, assistant director for Information Services, **Charles Wessel**, coordinator of Affiliated Hospital Services, and Cynthia Gadd: *What did they do before it was online? Measuring information-seeking behavior of clinicians prior to initiation of access to electronic resources.*

POSTER PRESENTATIONS

Paul Worona, assistant director for Systems, **Ammon S. Ripple**, document delivery librarian and reference services coordinator, and **Jody A. Wozar**, Web manager and reference librarian: *Order by number: developing an automatic citation retrieval feature for a Web-based document request form.*

Ammon S. Ripple, document delivery librarian and reference services coordinator: *Stuck in the mud? Re-thinking interlibrary loan and document delivery.*

Nancy Tannery, assistant director for Information Services, and **Ammon S. Ripple**, document delivery librarian and reference services coordinator: *Taking the library to the people: designing and marketing population-based reference and instruction services.*

Michele Klein-Fedyshin, UPMC Shadyside manager of Library Services, **Michelle Burda**, UPMC Shadyside consumer health librarian, and Barbara Lawrence, RN, MEd: *Partnering for Enhanced Patient Education.*

Jill Foust, HSLS reference librarian, and Kathryn Puskar: *Impact of an Evidence-Based Searching Class for Nurses.*

STAFF NEWS
Laurie W. Davidson, library specialist at the Falk Library reference desk, received a Masters in Library and Information Science (MLIS) from the University of Pittsburgh in April 2003.

Deborah Downey, library specialist at UPMC Shadyside libraries, was elected Secretary of the *Pittsburgh Chapter of the Medical Library Association.*

Jonathon Erlen, history of medicine librarian, was appointed to the Education Committee of the *American Association for the History of Medicine* and to the Publications Committee for the *Archivists and Librarians in the History of the Health Sciences*.

Linda Hartman, reference librarian, has been re-elected to the Community Relations Committee of the University of Pittsburgh Senate.

PUBLICATIONS
Barbara A. Epstein, HSLS associate director, and coauthors Elaine R. Martin, helen-ann brown, Carolyn E. Lipscomb, Ruth A. Riley, and Jean P. Shipman published "The Leadership Reconsidered Symposium: Report" in the *Journal of the Medical Library Association,* 2003 April, 91(2): 251-257.

Jonathon Erlen, history of medicine librarian, published "Review of scourge: the once and future threat of smallpox" in *The Quarterly Review of Biology*, 2003, 78(1): 127-128; "Recent dissertations in the history of medicine" in the *Journal of the History of Medicine and Allied Sciences*, 2003, 58(1): 82-86, and 2003, 58(2): 225-227; "Dissertations in women's history" in *Journal of Women's History*, spring, 2002, 14(1): 202-208; summer, 2002, 14(2): 191-195; autumn, 2002, 14(3): 183-185; and with Kelly Fryer-Edwards "A tour of dissertations." *ASBH Exchange*, 2003, 6(1): 7. Dr. Erlen reviewed four books in the *American Reference Book Annual*, 2003: *Reproductive Rights and Technology*, *HIV and AIDS: A Global View, Transplantation Sourcebook,* and with **Amy Gregg**, reference librarian, reviewed *The Cancer Handbook.* Dr. Erlen also served as contributing editor for *ISIS Current Bibliography 2002.*

Linda Hartman, reference librarian, published "Searching the Rehabilitation Literature," in *MLA News* 2003, (355): 18.

Jody A. Wozar, Web manager and reference librarian, and **Paul C. Worona,** assistant director for Systems published "The use of online information resources by nurses" in the *Journal of the Medical Library Association*, 2003 April, 91(2): 216-221.

BioMed Central *Available Through HSLS*

The University of Pittsburgh and the UPMC now have access to the contents of the BioMed Central (BMC) Journal Collection and BMC databases.

BioMed Central is an independent publishing house, committed to rapid peer review, immediate publication, and open access to the scientific literature. Access to research articles in the BioMed Central journals is freely available to anyone. Access to other content, including the Current Reports journals, which provide reviews of recent literature in a number of medical fields, requires a subscription. HSLS users have access to both free and subscribed content in the BioMed Central journal collection.

To view the full list of available journals and databases, go to the BMC Gateway <www.biomedcentral.com/inst/gateway/>, or from the HSLS Web site <www.hsls.pitt.edu>, go to the "databases" list and select BioMed Central. In addition, you may access individual titles from the HSLS Ejournals list <http://www.hsls.pitt.edu/resources/ejournals/titles>. BMC is also available via remote access login by using your HSLS user name and password.

Through our agreement with BioMed Central, HSLS users also have access to five journals in the Current Treatment Options series from Current Science, Inc., BioMed Central's sister company. These journals provide up-to-date information on the care and treatment of numerous conditions. The Current Treatment Options titles are at <www.treatment-options.com/index.cfm>. (NOTE: these titles are *not* available directly through the BioMed Central Gateway).

Authors interested in publishing original research through BioMed Central can submit manuscripts for publication directly through the BMC Web site. The "Submit a Manuscript" link provides the information needed to complete this process. Please note there is a fee to utilize this feature. Articles published in BMC are indexed in PubMed and are archived by PubMed Central, the National Library of Medicine's digital archive of life sciences journal literature. Authors who publish original research in BMC journals retain copyright to their articles.

HSLS also has access to three BMC databases:

Faculty of 1000 - a database that is international in scope, and that highlights the most significant papers published in biology, based on the recommendations of over 1400 scientists. This bibliographic database has signed and dated article evaluations, and a link to PubMed.

Current Controlled Trials - a searchable international register of ongoing randomized controlled trials in all areas of health care. Free registration is required to access this file.

Images M.D. - an online encyclopedia of images that contains more than 48,000 graphs, charts, illustrations, and photographs covering the entire spectrum of clinical medicine. A detailed descriptive paragraph with a cited reference accompanies each image. This site has Boolean search capabilities and allows unlimited personal use of the images. Registration, which is free, is required.

--Alice B. Kuller

BioMed Central is one of a number of emerging open access resource centers dedicated to making important research available to the scientific community at no charge to the viewer. In future issues of *HSLS Update* we will be looking at some of these resources, and at open access as a publishing strategy for researchers.

Coming Soon: Books-by-Mail

When you cannot come to the library, the library will come to you

HSLS will soon offer a new service, *Books-by-Mail*, to enhance our services to off site researchers and clinicians. The HSLS Libraries will mail circulating items from the Falk and WPIC collections to its users via UPS. There is a small fee for this service to cover mailing costs. Check the HSLS Web site for a start date, request form, and detailed guidelines.

For comments or questions, please contact Liping Song, Circulation/Electronic Projects Librarian, at 412-648-3401, or lsong@pitt.edu
--Liping Song

Watch for Email Distribution of HSLS Update in August

Beginning with the August 2003 issue, many recipients who currently receive a print issue of the HSLS Update will receive it by email instead. This email initiative will provide more convenient delivery of useful information about HSLS resources and services. Current and back issues of the Update are also available on the HSLS home page <www.hsls.pitt.edu>.

For more information about email distribution, contact Rebecca Abromitis, HSLS Update editor, at baa@pitt.edu, or 412-624-2289.

New Travel Medicine Guide

Many health-related concerns confront travelers as they embark on trips for pleasure and business. Among these concerns are disease outbreaks on cruise ships, international travel advisories, and airport security issues confronting individuals traveling with a disability, medical condition, or with medical supplies and equipment. The HSLS Travel Medicine guide <www.hsls.pitt.edu/guides/internet/travel> contains links to resources that

- assist travelers with trip preparation,

- provide clinicians with destination specific vaccination requirements,

- offer advice to those traveling with a medical condition.

Resources include information from the Centers for Disease Control and Prevention, World Health Organization, United States Department of Homeland Security, Aerospace Medical Association, Aviation Health Institute, American Diabetes Association and the American Society for Health-System Pharmacists.

-- Charlie Wessel

University of Pittsburgh
Health Sciences Library System
Falk Library of the Health Sciences
200 Scaife Hall
DeSoto & Terrace Streets
Pittsburgh, PA 15261