HSLS *Update*

HSLS Transition to Electronic Journals Continues

As you browse the Current Periodicals shelves in HSLS libraries, you may notice signs telling you that some journals are now available only in electronic format. Beginning in 2003, HSLS will no longer receive the print versions of approximately 300 journals published by Elsevier Science and its subsidiaries, because they are available to our users in electronic form. A few heavily used titles will be retained in print format as well. A title list of the electronic version-only journals for each of the HSLS libraries is available through our Web site at <www.hsls.pitt.edu/resources/falksdprint.html>. Printed copies of this list are also available at the Circulation and Reference Desks in HSLS libraries. Electronic journals are accessible through the HSLS Web site <www.hsls. pitt.edu/resources/ejournals>.

This continues the transition of HSLS from a print-based collection to a predominantly digital collection. Today, HSLS has more subscriptions in electronic format than in print,

New HSLS Classes Highlight Specialized Information Resources

HSLS Librarians have developed new library instruction classes designed to highlight online information resources in areas of interest to specific user groups. In addition to our classes on how to search Ovid MEDLINE and PubMed, we now offer a series of "special topics" classes, which highlight major information resources for groups such as clinicians, basic science researchers, mental health professionals and others. Also, a series of three workshops to introduce researchers

to online molecular biology and genetics resources is offered by Ansuman Chattopadhay, PhD, Molecular Biology and Information Specialist for HSLS. All special topics courses are approved for AMA Category 2 CME credit.

Descriptions of classes can be found on page 9. For complete information about the HSLS instruction program, including class schedules and locations, please visit <www.hsls.pitt.edu/services/instruction>. Seating for classes is first-come, first served until the class is full. There is no charge and no registration is required.

Including the many specialized classes taught in the six Schools of the Health Sciences and UPMC departments by liaison librarians, HSLS now offers over 350 classes annually. If you want to schedule a customized class for your department or course, please call 412-648-8796 or send e-mail to medlibq@pitt.edu.

HSLS Web Site Update

The HSLS Web site <www.hsls. pitt.edu> has been updated with several new features. *Remote Access Login* is now available at the top of every page, allowing users to log in remotely from any page on the site. The *Printer Friendly Format* option is another new feature. When printing from a Web screen, text will sometimes be cut from the edges if a Web page is too wide to fit on standard printer paper. Clicking the *Printer Friendly Format* link on the bottom right of any page solves this problem, and prints the complete Web screen.

In addition to the new design features, there is also new content on the site. The *Class Descriptions* page <www.hsls.pitt.edu/services/instruction/desc> was created to provide detailed information about each of the many courses offered through HSLS. This page lists each class, with links to class descriptions, and dates/times for the upcoming semester. Also available is a *Class Calendar*, <www.hsls.pitt.edu/services/instruction/calendar>, which displays all classes offered during a particular month.

Bibliographies for the items in the Falk library display cases are now accessible at <www.hsls.pitt.edu/about/libraries/falk/displaycase>. A link to the most current display case bibliography can also be found on the Falk Library information page at <www.hsls.pitt.edu/about/libraries/falk>, located on the "See Also" menu on the top right of the screen. Display case bibliographies are available beginning with April 2002.

--Jody Wozar

Transition to E-Journals....*continued from page 1*

and we will continue to add titles in electronic format as they become available. Titles in some subject areas will be represented in print version only, and some in both print and electronic versions. In order to maximize HSLS resources, however, electronic versions of journal subscriptions will generally be preferred for acquisition.

While print journals remain valuable in certain cases, overall use of the print journals has decreased substantially since 1997, due to the fact that many users prefer working in the electronic environment. Studies show that when users have access to electronic journals, use of print journals, including those not available electronically, declines. That has proven to be true in HSLS.

At the same time, the amount of electronic information that is available, and the demand for that information, has grown considerably.

During this transition, if you encounter problems such as inaccessible articles or missing contents within an issue, please contact us immediately. For assistance in using electronic resources, contact Falk Reference at 412-648-8796, WPIC Reference at 412-624-1919 or UPMC Shadyside Reference at 412-623-2441. For questions regarding the electronic collections, please contact Yumin Jiang, Serials and Electronic Resources Librarian, at yj1@pitt.edu or 412-648-8868.

--Deb Silverman

Building the Electronic Collection in Molecular Biology

Vector NTI and *Current Protocols Online*

HSLS Information Services in Molecular Biology and Genetics is pleased to announce the availability of two new resources — **Vector NTI** and **Current Protocols Online.**

Vector NTI Suite 1: Informax Inc.

Vector NTI Suite 1 is an integrated sequence analysis and data management software package, which allows molecular biologists to analyze, manipulate, construct, store and manage complex biological molecules. The package consists of three independent, yet interconnected components:

- Vector NTI core, a molecular biology sequence manipulation program
- Align X, a multiple sequence alignment program
- BioAnnotator, a comprehensive set of protein and nucleic acid sequence analysis tools.

Using Vector NTI you can:

- Generate recombinant cloning strategies and protocols
- Design and analyze PCR primers
- Catalog a growing number of plasmids and PCR primers, in order to track the origin and lineage of recombinant molecules
- Animate virtual gels for restriction fragment analysis
- Analyze physiochemical properties of DNA and proteins
- Perform and edit multiple sequence alignments on proteins or nucleic acids
- Create publication quality graphics and more

HSLS has purchased one Vector NTI access seat, which is available by appointment in the Falk Library Computer and Media Center (CMC) by contacting Ansuman Chattopadhyay, PhD, HSLS information specialist in molecular biology and genetics at ansuman@pitt.edu or 412-648-1297. An easy to follow manual offers an excellent introduction to the various capabilities of this software at <www.informaxinc.com/documentation/vectornti/index.htm>.

Current Protocols Online: Wiley InterScience

The *Current Protocols* laboratory manuals are considered the standard for scientific research methods. First in this series, *Current Protocol in Molecular Biology*, commonly known as the *Red Book*, has set a standard of excellence for laboratory manuals since 1987.

In addition to *Current Protocols in Molecular Biology*, University of Pittsburgh and UPMC researchers now have access to the following online manuals in the *Current Protocols* series <www.hsls.pitt.edu/resources/ebooks>: *Bioinformatics, Cell Biology, Human Genetics, Neuroscience, Nucleic Acid Chemistry*, and *Protein Science*. You may search for protocols within individual titles, or search all available titles simultaneously. *Note:* At this time Current Protocols Online is not accessible through the Netscape 7.0 browser. (Although it initially appears to work because you can click through to the chapter level before an error message appears). Use any other version of Netscape or Internet Explorer to access these manuals.
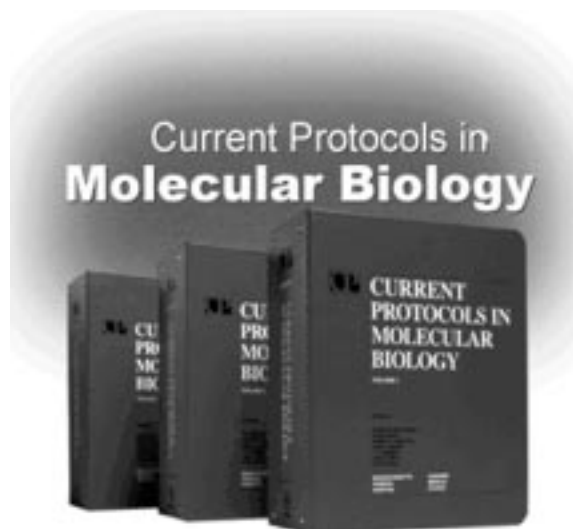
All *Current Protocols* manuals are carefully selected for maximum general applicability, lab-tested in leading laboratories, and then thoroughly reviewed by expert scientists. They include authentic, easy to duplicate methods for standard techniques like plasmid DNA preparation, Western and Southern blotting, as well as relatively new technologies like SAGE (Serial Analysis of Gene Expression) and SNP (Single Nucleotide Polymorphism) genotyping using microarrays. Each protocol provides:

- Quarterly supplements with new / revised methods,
- Step-by-step protocols with tips, optional procedures, alternate and support methods for different equipment,
- Materials list including supplier information,
- Expert commentaries
- References with list of Internet resources.

If you would like to suggest access to Current Protocols Online in a subject area to which HSLS is not currently subscribed**,** or have questions about these two new resources, please contact Dr. Chattopadhyay at ansuman@pitt.edu or 412-648-1297.

--Ansuman Chattopadhyay

HSLS Cleans up
Medical Subject Headings

You may not see them, but HSLS staff members are working behind the scenes to make your PITT*Cat* searches even more effective.

Times change and so does the standard terminology of the medical field. Terms in the Medical Subject Heading (MeSH) thesaurus, as maintained by the National Library of Medicine (NLM), reflect this process. Older headings are regularly updated, and new headings added to keep pace with current developments. At HSLS, a massive clean up of the MeSH headings used in PITT*Cat* began in July 2002. Older subject headings are being revised to the current forms, and heading format is being changed to conform with current NLM cataloging practice, similar to the style of indexing in MEDLINE.

How does this improve your searching success? Now, old and new materials on the same topic are united under a single subject heading. Before, you might have to search under "Drug Addiction", "Drug Dependence", "Substance Abuse", and several other subject headings to find all appropriate materials on this topic. Now, all related materials can be found through a single search, using the term "Substance-Related Disorders". Thus you will be able to find the materials you need in fewer steps, and with less likelihood of missing any. (See accompanying Search Tips sidebar).

As part of the clean-up, we also have been working with other Pitt libraries to update MeSH headings on their PITT*Cat* records. This also increases your ability to locate and identify materials relevant to your work, by including in that same search additional materials held by other Pitt libraries.

These improvements to the currency and consistency of MeSH headings in PITT*Cat* offer a strong incentive for using subject searches in your research. Consider the difference between a subject search and a keyword search if you are trying to gather materials on a common or popular term, such as "stress." A keyword search for the term "stress" yields over 4300 hits, which cover the gamut of meanings for this common word—books on physics, linguistics, computer languages, as well as the psychological and physiological

Click on "note" to learn the definition (scope note) of a term, as it is used in PittCat

ones you might have expected. By using a subject search, you can obtain a more precise result set that is more accurately focused on your intended meaning of the term. Plus, you have the added benefit of finding scope notes that define the subject heading, and also various cross-references, which may help to identify additional headings pertinent to your work.

Search tips:
Subject Searching
in PITT*Cat*

❑ Start at the author/title/subject search screen.

❑ Type your search term or phrase in Box 1 *Search for*. In Box 2 *Search By* choose "Subject Heading". Ignore Box 3, because limits do not apply to a subject search. Click the grey *Search* button. PITT*Cat* will search for subject headings matching or beginning with your term.

❑ Subject searches bring you first to a *Headings* list. There are four columns to the list:

➤ **# [Number sign]:** numbering within the list.

! Watch here for the gold "note" and "see also" bubbles. You can click on these to get definitions and related subject headings. Not all headings have them, but when you find them they can be helpful.

➤ **Titles**: a count of bibliographic records containing this heading.

! If this column is blank, check for the "see also" bubble in the first column to identify a better term for your search.

➤ **Heading**: the full subject heading. Headings are listed in alphabetical order.

! Medical Subject Headings (MeSH) use multiple headings to represent the same concepts. Library of Congress (LC) headings often have long subject strings to represent a specific category of material.

Integrated

Information Matters

UNIVERSITY OF PITTSBURGH	February 2003

Online Training Upgrade:
Same Good Content --
Better Performance & More Features

The University of Pittsburgh's Education and Certification Program in Research Practice Fundamentals (RPF) <rpf.health.pitt.edu> was first released in January 2001. RPF was developed in response to an observed need for the University to develop an online education and certification program in the fundamentals of research. RPF offers a series of education modules on topics such as: Research Integrity, Human Subjects Research, Use of Laboratory Animals in Research, and Conflict of Interest. More than 8000 participants have passed one or more modules since the inception of the program.

In December 2002, the software and hardware that supports RPF was upgraded to a more robust learning management system and hardware configuration. Returning users will notice that, while the educational content of the site has remained the same, there are many new features.

A primary goal of the upgrade was to improve the usability of the RPF Web site. Some of the improvements include the use of better visual cues to help participants navigate through the site, immediate access to certificates after the successful completion of a module, and automated login information retrieval.

Elements of RPF that have stayed the same with the upgrade:	Elements of RPF that have changed with the upgrade:
RPF will still be available through the Health Sciences Portal <www.health.pitt.edu> However, the direct Internet address is: <rpf.health.pitt.edu>	Account Information: a. Username: Existing usernames have been changed to the e-mail address associated with each account. b. Password: Existing user passwords have been changed to the first 2 letters (lowercase) of the user's last name and the last 4 digits of either the Social Security Number or 2P number from Pitt ID (whichever was used during registration)
Certification Status (the certification status was carried over to the new system)	The new system allows users to easily retrieve their forgotten, lost, or new password. To retrieve this information the user will need the last name and e-mail address they used when they registered
Content	Users can make changes to their account information (including their password)

Conflict of Interest Superform

Complete once, use many times

The Conflict of Interest Superform (COI) <coi.health.pitt.edu> is now available to use as a continuing record of conflict of interest information. This tool can be used to generate your COI disclosure statements for the University of Pittsburgh, UPMC, and the University of Pittsburgh Physicians Practice Plan (UPP).

The COI Superform follows the same format as the conflict of interest surveys for each of the above institutions. The questions listed on the Superform are the same as those on the existing paper based forms, and the submission process remains the same.

Why should people use the COI Superform? After the user identifies his/her affiliated institution(s), the COI Superform displays only those questions required to complete the respective institutional COI forms. Once the data is entered, the user can print each entity's disclosure form for signature and submission. The data is stored in a database for future use - whether tomorrow or next year- and information updates can be entered at any time.

How can people take advantage of the COI Superform? To access the COI Superform go to <coi.health.pitt.edu> and create an account. Once an account has been created, users can log in at any time to update their COI information.

At this time, users are NOT able to electronically submit their completed COI disclosure statements, since the ability to "sign" these forms electronically in a legally binding manner is not yet available. Until that time, users will be required to sign their printed forms and submit them manually. The same will hold true for administrative review, and for signoff by department chairs and deans. Plans are underway to create an administrative interface for deans and department chairs to help manage the COI form filing process.

Questions about the Superform should be directed to <support.health.pitt.edu/cs/?a=COI>

--Stephanie Lunsford
Administrator
Center for Biomedical Informatics

RPF *..continued from page 5*

The RPF Web site was reorganized to make it easier for users to find the information needed to work with the program. The site is divided into four main sections: Educational Modules, About RPF, My Account, and RPF Help. A brief listing of the content of these sections is available on the RPF homepage. A full set of step-by-step user instructions has been added as well.

The account information for existing users had to be altered during the upgrade. This change was made as part of an overall strategy of integrating all of the Health Sciences applications. Once this integration is completed, users will only need a single username and password combination to access any Health Sciences application. In the newly updated RPF system, users with existing accounts will login using the email address they provided at the time of their existing RPF account registration as their username. The password from the old system has not been carried over to the updated system. A new password was automatically generated based on a combination of information the user knows. The generated number may be the first two letters of the user's last name, combined with the last four digits of the social security number, or the last four digits of the 2P number located on their University of Pittsburgh ID card (whichever was used during their initial RPF registration).

New users, defined as those who create an account after December 10th, 2002, will need to register their username as their email address. The RPF system now sends a confirmation email to those who create an account or update their username or password.

For questions about RPF or the recent upgrade contact rpfadmin@pitt.edu.

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

Integrated Information Matters, sponsored by the University of Pittsburgh IAIMS program, appears in the **HSLS Update** three times per year. Look to this insert for news and features about the University of Pittsburgh Schools of the Health Sciences and University of Pittsburgh Medical Center integrated information systems activities and plans. For questions, comments or suggestions about this newsletter or the IAIMS program, please contact Ron Yori, IAIMS coordinator, (412-647-7123, yori@pitt.edu) or visit <www.cbmi.upmc.edu/iaims>.

HSLS Staff News

Jay Miller recently joined the Systems department as a Systems/ Programmer II. He is responsible for assisting users at the CMC help desk. Jay previously worked in the University Library System, and holds a degree in Information Sciences from the University of Pittsburgh.

In January, **Sugandha Sharma** began a one-year Health Sciences Library and Bioinformatics traineeship. Sugandha earned a BS and MS in Microbiology from the University of Bombay, and an MS in Biological Sciences from the University of New Orleans. Most recently she worked in a research laboratory at the Thomas E. Starzl Transplantation Institute.

Liping Song, has joined the HSLS Resource Management area as Circulation/Electronic Projects Librarian. She will be responsible for overseeing circulation activities in HSLS, as well as assisting with cataloging of electronic resources. Liping was previously Serials Cataloger at Baker Library, Harvard Business School. She has held technical services and circulation positions in libraries in the Boston area and in New York City. She received her MLIS from Simmons College, and also holds graduate degrees from Harvard University and Yunnan Normal University in Kunming, China.

HSLS participated in the *UPMC NeighborLink Karing for Kids* program. UPMC NeighborLink teamed with the Allegheny Homeless Children's Initiative to ensure homeless children in Pittsburgh area shelters would have holiday presents to open. HSLS staff donated over 50 gifts to needy children. The HSLS Staff Development Committee sponsored the project.

PRESENTATIONS

HSLS reference librarian **Pat Friedman** was a participant in a panel discussion titled "Implementation Strategies: Friend or Foe?" at the American Medical Informatics Association 2002 Symposium held in San Antonio, TX, November 9-13, 2002. In her presentation, "Still up and running: tending an innovation over time," Pat reported on three years' worth of interaction with faculty end users of the Faculty Research Interests Project (FRIP).

Charles Wessel, coordinator of Affiliated Hospital Services presented his Medical Library Association continuing education course, *Complementary and Alternative Medicine: Information Resources for Choices in Healing* to the Pittsburgh Regional Chapter of the Medical Library Association on December 5, 2002 at UPMC Shadyside.

PUBLICATIONS

History of medicine librarian **Jonathon Erlen**, with co-editors Carey Balaban and Richard Siderits, published *The Ladies Dispensatory* (New York: Routledge, 2003). Dr. Erlen also published "Recent dissertations in the history of medicine" in the *Journal of the History of Medicine*, 2002, 57(4): 491-495.

HSLS reference librarian **Pat Friedman**, and coauthors KA McKibbon, and CP Friedman published "Use of a MeSH-based index of faculty research interests to identify faculty publications: An IAIMSian study of precision, recall, and data reusability," in *Proceedings / AMIA Annual Symposium*, 2002: 514-8.

Linda Hartman, HSLS reference librarian, published "Internet resources: food and nutrition" in *MLA News*, 2002, No. 351: 8.

Subject Searching...

➢ **Heading Type**: the subject thesaurus. We recommend that you focus on MeSH and/or LC Subject Headings, since these are the thesauri used at HSLS.

! Watch the Heading Type to help you choose the best heading. The same term in different subject thesauri can have different meanings e.g., 'Depression' or 'Labor'.

❑ Any heading that has bibliographic records attached to it is hyperlinked, and you can simply click on it to proceed to the titles list for that heading. To return to the headings list in order to try other subject headings, click on the "Headings" button at the top of the screen.

❑ In PITT*Cat*'s display of bibliographic records, the subject headings are hyperlinked. This means that when you find one work that you want, you can find others like it with a click of the mouse. Simply click on the subject heading which most describes the facet of the work that interests you; it will take you to a headings list like the one described above.

--HSLS Catalogers

Smallpox Vaccination and Ricin Information

New special topics guides on smallpox vaccination and ricin have been added to the HSLS Web site. The smallpox page <www.hsls.pitt.edu/guides/students/smallpox> includes links to CDC smallpox information, news, and resources. The ricin guide <www.hsls.pitt.edu/guides/students/ricin> provides links to online textbook information, and MICROMEDEX POISINDEX(R) data. Both new guides also include links to recent online journal articles.

HSLS Schedule of Classes March - April 2003

HSLS ORIENTATION
Introduction to HSLS Resources and Services
(Falk Library, meet inside entrance to Library)

Thursday, March 6	11:00a.m.-12:15p.m.
Wednesday, March 19	2:00p.m.-3:15p.m.
Tuesday, April 1	11:00a.m.-12:15p.m.
Friday, April 11	2:00p.m.-3:15p.m.

SEARCHING MEDLINE
Searching MEDLINE on Ovid*
(Falk Library, CMC Classroom #2)

Wednesday, March 12	10:00a.m.-11:30a.m.
Thursday, April 3	2:00p.m.-3:30p.m.

Searching MEDLINE on PubMed*
(Falk Library, CMC Classroom #2)

Tuesday, March 18	10:00a.m.-11:30a.m.
Friday, April 4	9:00a.m.-10:30a.m.

Advanced MEDLINE Searching on Ovid*
(Falk Library, CMC Classroom #1)

Tuesday, March 11	9:30a.m.-11:00a.m.

SPECIAL TOPICS
Clinical Information Resources*
(Falk Library, CMC Classroom #2)

Wednesday, March 19	11:00a.m.-12:30p.m.

Basic Science Information Resources*
(Falk Library, CMC Classroom #2)

Wednesday, March 26	2:00p.m.-3:30p.m.

Mental Health Information Resources*
(Falk Library, CMC Classroom #1)

Tuesday, March 25	3:00p.m.-4:30p.m.

Complementary & Alternative Medicine (CAM) Information Resources*
(Falk Library, CMC Classroom #2)

Monday, March 17	1:00p.m.-3:00p.m.

Medical Humanities Information Resources*
(Falk Library, CMC Classroom #1)

Thursday, March 20	10:00a.m.-11:30a.m.

Searching for Evidence-Based Literature*
By Appointment,
Contact: Patricia Friedman (412) 648-2040 or pwf@pitt.edu

MOLECULAR BIOLOGY AND GENETICS
Information Hubs for Molecular Biology and Genetics*
(Falk Library, CMC Classroom #2)

Wednesday, April 2	1:00p.m-4:00p.m

Sequence Similarity Searching*
(Falk Library, CMC Classroom #2)

Wednesday, April 16	1:00p.m.-4:00p.m.

DNA and Protein Analysis Tools*
(Falk Library, CMC Classroom #2)

Tuesday, March 18	1:00p.m.-4:00p.m.

BIBLIOGRAPHIC MANAGEMENT SOFTWARE
EndNote Basics
(Falk Library, CMC Classroom #2)

Tuesday, March 11	1:30p.m.-3:30p.m.
Tuesday, April 8	10:00a.m.-12:00p.m.

WORLD WIDE WEB RESOURCES
Health Resources on the World Wide Web*
By Appointment, Contact: Linda Hartman (412) 648-1479 or lhartman@pitt.edu

Mental Health Resources on the World Wide Web*
By Appointment, Contact: Barb Folb (412) 624-0911 or folb@pitt.edu

Public Health on the Web: Finding What You Need When You Need It*
By Appointment, Contact: Ammon Ripple (412) 648-1251 or ammon2@pitt.edu

SOFTWARE TRAINING
Adobe Photoshop for Beginners
(Falk Library, CMC Classroom #1)

Wednesday, March 12	10:00a.m.-12:00p.m.
Thursday, April 10	9:00a.m.-11:00a.m.

PowerPoint for Presentations
(Falk Library, CMC Classroom #1)

Wednesday, March 19	9:00a.m.-11:00a.m.
Tuesday, April 1	10:00a.m.-12:00p.m.

Introduction to Personal Digital Assistants (PDA's)
(Falk Library, CMC Classroom #1)

Tuesday, March 25	9:00a.m.-11:00a.m.
Thursday, April 24	12:00p.m.-2:00p.m.

All classes are open to faculty, staff and students of the University of Pittsburgh Schools of the Health Sciences and University of Pittsburgh Medical Center. No registration is 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.

New HSLS Classes....*continued from page 1*

Clinical Information Resources
Primary Audience: clinical professionals who need to locate accurate and current information quickly for patient care
Resources Covered: UpToDate, MD Consult, MICROMEDEX and electronic clinical texts

Basic Science Information Resources
Primary Audience: basic science researchers who need specialized information in topics such as microbiology, biochemistry, biotechnology, and genetics
Resource Highlights: Biological Abstracts, Chemical Abstracts (SciFinder Scholar) and ISI Web of Science databases. Also tips on how best to use MEDLINE to find basic science information

Mental Health Information Resources
Primary Audience: mental health and other researchers who need to know about major psychiatry and psychology information resources
Resource Highlights: PsycINFO, and a brief overview of CogNet, Health and Psychosocial Instruments, Mental Measurements Yearbook, and University Library System resources (Social Work Abstracts, Anthropological Index Online).

Finding Information on Psychiatric & Psychological Testing Instruments
Primary Audience: mental health and other researchers who use psychiatric and psychological testing instruments
Resource Highlights: print reference works and online resources, including Health and Psychosocial Instruments, PsycINFO, PITT*Cat* and Web resources.

Complementary and Alternative Medicine (CAM) Information Resources
Primary Audience: faculty, students and staff who would like an overview of CAM Resources
Resources Covered: AMED and MANTIS (CAM databases), MEDLINE, PubMed's complementary medicine database subset, PsycINFO, AltMedDex (in MICROMEDEX), and the Natural Medicines Comprehensive Database.

Medical Humanities Information Resources
Primary Audience: faculty, students and staff who would like an overview of information resources pertaining to specific aspects of the medical humanities.
Resources Covered: databases, journals, dissertations, societies and educational opportunities available in the history of medicine, biomedical ethics, literature and medicine, and art and medicine.

Information Hubs for Molecular Biology and Genetics
Primary Audience: researchers, students and clinicians who need a general overview of the molecular biology and genetics resources available on the Internet.
Resources Covered: Special emphasis on National Center for Biotechnology Information (NCBI) resources, including Entrez, Genome Biology Hubs, and others.

DNA and Protein Analysis
Primary Audience: researchers, students and clinicians who need to understand major analytic tools available on the Web for nucleotide and protein analysis.
Resources Covered: Restriction mapping, Sequence alignment (CustalW), PCR primer analysis (Primer3), SwissProt database, and EBI Expert Protein Analysis System (EXPASY) Proteomics tools.

Sequence Similarity Searching
Primary Audience: researchers, students and clinicians who would like to learn about protein and nucleotide sequence searching/similarity tools
Resources Covered: BLAST, PSI BLAST, BLINK and VAST

--Ammon Ripple

PalPITTations: Joyful Noise in the Library

HSLS library patrons and staff were treated to a delightful holiday concert performed by PalPITTations in the Falk Library on December 12, 2002. PalPITTations is an acappella vocal group made up of medical students from the University of Pittsburgh School of Medicine.

New! Electronic Journals

The University of Pittsburgh and the UPMC Health System now have electronic access to the journals published by Mary Ann Liebert. Individual titles can be accessed through the HSLS E-journal Web page at <www.hsls.pitt.edu/resources/ejournals>.

The Mary Ann Liebert collection includes approximately 50 journals in the fields of biomedical research, clinical medicine and surgery. Among these are: *AIDS Research & Human Retroviruses*, *Human Gene Therapy*, and *Journal of Neurotrauma.* Coverage of individual ejournals varies, with some available back to 1999.

--Yumin Jiang

New! Science.gov

A new Web site, *Science.gov*, was recently launched to serve as a gateway to authoritative, selected science information provided by U.S. Government agencies, including research and development results.

Two major types of information are included—selected, authoritative science Web sites, and databases of technical reports, journal articles, conference proceedings, and other published materials. The Web pages and the databases can be searched individually or simultaneously. Get connected to U.S. Government science and technology at <www.science.gov>

MeSH Cleanup...

Subject searching will continue to be supported by HSLS through on-going maintenance of the MeSH headings on our records in PITT*Cat*. Staff members monitor changes in the MeSH vocabulary on a regular basis, and implement changes in records added to the catalog. In addition, we conform to NLM practices for both subject heading content and structure, which harmonize with NLM's indexing practices. These changes are intended to facilitate cross-file searching and enhance retrieval by assuring that the same terms produce like results for articles, books, and non-print materials. The process of converting all records will take some time, but by springtime you will be able to use MeSH to search PITT*Cat* in the same way you currently use MeSH to search MEDLINE.

--Gretchen Maxeiner Millis and Gosia Fort

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