

HSLs Update

UNIVERSITY OF PITTSBURGH

Health Sciences Library System

www.hslls.pitt.edu

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Changing the Face of Medicine

Exhibit to Open at
Falk Library on August 24

Women physicians are the subject of a new traveling exhibit that will open at Falk Library on August 24. "Changing the Face of Medicine: Celebrating America's Women Physicians" chronicles the struggle of American women over the past two centuries for access to medical education and to work in the medical specialty of their choice.

The exhibit begins with Elizabeth Blackwell, who in 1849 became the first woman to earn an MD in the United States, and continues up to today's women physicians, who have succeeded in work that once would have been considered "unsuitable" for them. "Changing the Face of Medicine" features the life stories of over 300 women—a diverse and accomplished group of American physicians whose work in research, teaching, administration, and a broad range of medical specialties has benefited patients, communities, and science.

The University of Pittsburgh can point to two exhibit honorees on its current faculty:

- Katherine Detre, Distinguished Professor of Epidemiology at the University's Graduate School of Public Health. Dr. Detre is an internationally-recognized epidemiologist who has led nationwide studies of coronary artery disease and diabetes.
- Jeannette South-Paul, Professor and Chair of the University's Department of Family Medicine. Dr. South-Paul (also a University of Pittsburgh School of Medicine graduate) is the first woman and first African American to serve as a permanent department chair in the School of Medicine.

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May Edward Chinn, MD, examining a young patient, 1930. Dr. Chinn graduated from medical school in 1926 and practiced medicine in Harlem for 50 years.

Source: George B. Davis, PhD

Using E-Books: Their Time Has Come

Electronic books, typically known as e-books, have been around for years, but are only now beginning to gain widespread acceptance. HSLs currently subscribes to about 600 health sciences e-books from companies such as STAT!Ref, Wiley, Ovid, AccessMedicine, and others. Thousands more e-books in all subjects are available to the Pitt/UPMC health sciences community from ebrary and NetLibrary. HSLs statistics indicate that e-book usage is on the rise, and that certain e-books are used quite heavily – much more than their print counterparts were in the past.

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Director's Reflections...*Library of the Future*

As you pass through the doors of an HSLs library, or when you access an electronic journal via HSL Online, have you ever paused to marvel at the tremendous changes that have occurred in libraries in the past 20 years? The wooden card catalog has disappeared, the printed *Index Medicus* has evolved into the MEDLINE database, and you have online access to a good portion of the world's medical literature while you sit comfortably at home.

Have you wondered what medical libraries may look like in the future? Donald Lindberg, director of the National Library of Medicine (NLM), and Betsy Humphreys, NLM deputy director, offer a thoughtful vision in their recently published *New England Journal of Medicine* article, titled "2015—The Future of Medical Libraries".¹ Their scenarios are based on services and technology that already exist in some form. They envision clinicians, patients, educators, and students with ready access to information from anywhere. Through standards-compliant electronic health records, software will match relevant knowledge-based information to the diagnosis of individual patients. Lindberg and Humphreys foresee libraries managing access to multimedia digital libraries interconnecting genetics research data, aggregated clinical and public health data, publications, and clinical trials. Librarians (yes, they still exist and are busier than ever) will select, organize, analyze, and link information resources assisted by advanced software systems. They continue as teachers and pathfinders to help users find their way through the information maze.

HSLs recently completed its own five-year plan for the years 2005 to 2010 that envisions how the library system can continue to provide innovative information resources and services in support of the varied activities of the University's health sciences community and the UPMC.

Seven goals for HSLs are outlined in this document:

Acquire knowledge-based information resources in appropriate formats to meet the needs of the health sciences community

Provide effective access to local and remote information to meet the needs of a diverse user community

Develop effective strategies to enhance information literacy and use of information resources

Promote awareness of library services, resources and expertise to a large, diverse, and geographically dispersed user population

Nurture and extend partnerships and collaboration with internal and external departments, schools, programs, and organizations

Cultivate an environment of learning for librarians and staff that encourages ongoing assessment and evaluation, application of best practices, creativity, innovation, and growth. Capitalize on new opportunities and challenges as they arise

Redefine space to best accommodate the delivery and storage of information resources and services

A summary of the HSLs Long Range Plan is available on the HSLs Web page at <www.hsls.pitt.edu/about/exec_summary.pdf>. To read the Lindberg article, access the March 17, 2005 issue of *New England Journal of Medicine* through the HSLs Resources page at <www.hsls.pitt.edu/resources>.

¹ Lindberg DAB, Humphreys BL. 2015—The future of medical libraries. *N Engl J Med*. 2005 Mar 17;352(11): 1067-70

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E-books Their Time Has Come *continued from page 1*

All subscribed e-books are cataloged and searchable by title, author, subject headings, and keywords in PITTcat for the Health Sciences <<http://pittcat.hsls.pitt.edu>>, making them as easy to identify as print books in library collections. In addition, an alphabetical list of HSLs e-books is available at <www.hsls.pitt.edu/resources/ebooks/>. On this same page, there is an 'Electronic Book Search' option, developed by HSLs with software from Vivisimo, which allows you to simultaneously search the full text of more than 300 e-books using a single query, and receive the results grouped by topic.

There are many pros and cons to the use of electronic books versus print books.

Pros

- Simple and quick online access – no need to travel to the library or be hindered when the print book is charged out to someone else.
- E-books can include multimedia files and hypertext links to other parts of the same book or to related external resources.
- Full-text searching of books offers new possibilities for locating information quickly.
- E-books are easily linked from Web sites.
- Publishers can update electronic books more frequently (though this is not always done).

Cons

- Low resolution and glare makes it difficult to read long passages of text on a computer screen (though electronic ink technology shows promise to improve this).
- Printing an entire e-book is time-consuming and costly
- E-books are not as portable as print books.
- Users tend to read pieces of e-books, sometimes out of context, rather than getting the larger picture the authors intended.
- Many library users like to identify a call number area and browse the shelves to find related print materials, not currently possible with e-books.



The e-book format can be problematic for content that is meant to be read from beginning to end. However, for reference books with disparate pieces of information, such as directories, encyclopedias, dictionaries, handbooks, clinical and drug consult books, and for books that are edited volumes of standalone chapters, electronic versions are not only comparable, but often superior to their print counterparts.

The next time you need quick reference information, consider using an authoritative e-book instead of going straight to Google.
--Ammon Ripple

HSLs Update is produced by the University of Pittsburgh Health Sciences Library System, 3550 Terrace Street, 200 Scaife Hall, Pittsburgh, PA 15261 <www.hsls.pitt.edu>. Contact HSLs with questions, comments or ideas at 412-648-8796, or send email to medlibq@pitt.edu.

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HSLs Lends Flash Drives

When you need to save computer files in the library, what options are available? Most HSLs computers have floppy disk drives. However, floppy disks are typically too small for storing large database searches, numerous full text articles, scanned images, or PowerPoint presentations. Zip disks, with storage capacity up to 250 megabytes, can accommodate the large files that floppies can not, but a Zip drive is required to access the information. Another storage option is the writeable CD-ROM. These hold a great deal of information, but a CD-ROM burner is required for saving the data. Also, once a CD-R is created, no other corrections or additions can be made to it.



USB flash drives offer a better solution for patrons who wish to save files. HSLs libraries now lend USB flash drives (256 megabyte) for a 24-hour period to patrons with a valid University of Pittsburgh ID or HSLs library card. Flash drives enable patrons to save their work and transport the files to a home or office computer. HSLs staff can assist with copying files from an HSLs computer to the flash drive, which then can be plugged in to your computer's USB port to retrieve

the files via the My Computer icon, or through the application used to create the file (Word, PowerPoint, Photoshop etc).

To borrow a USB flash drive, go to the Computer and Media Center in the Falk Library, or the circulation desks at the WPIC or Children's Hospital Libraries.

--Fran Yarger

Staying Current with Federal Sci/Tech Information



Science.gov <<http://science.gov>> is a one-stop Web gateway to federal science and technology information provided by 12 federal agencies including the Departments of Agriculture, Commerce, Defense, Education, Energy, Health and Human Services, and the Interior; the U.S. Environmental Protection Agency; the Government Printing Office; the National Aeronautics and Space Administration; and the National Science Foundation.

Science.gov searches more than 1700 Web sites and 30 databases made available by this alliance of federal agencies. Keyword searches can be done by selecting specific federal agencies and databases, or by advanced searching in subject areas such as 'Health and Medicine' or 'Biology and Nature'. Participating agencies include not only their authoritative information resources, but also research and development information.

To stay current with new information, Science.gov allows you to create your own individualized *E-mail Alerts* and personalized *Alert Archive*. Choose either specific resources to monitor or the 'All Sources' option to receive up to 25 relevant results via weekly e-mails, based on your profile of selected information sources. Results are displayed in both the Alert e-mail and in your personalized Alert Archive, where you can review past activity for up to six weeks, and edit your Alert profile. To take advantage of these free features you must first register as a Science.gov 'new patron' at <www.science.gov/alerts/alertreg.shtml>.

For more information on searching Science.gov, see *Help* at <www.science.gov/helpNew.html>. Support for this gateway is provided by the National Archives and Records Administration.

--Charles B. Wessel

Exhibit

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The National Library of Medicine (NLM), Bethesda, MD, and the American Library Association, Chicago, organized the exhibit with support from the NLM, the National Institutes of Health Office of Research on Women's Health, and the American Medical Women's Association. The traveling exhibit is based on a larger exhibit that was displayed at the NLM from 2003 to 2005.

Falk Library is first on the itinerary for the exhibit, hosting it through October 14. The exhibit will then proceed on to other libraries through 2010. Itinerary slots were awarded to 61 academic and public libraries around the country based on a competitive proposal process.

The exhibit will be free and open to the public during regular Falk Library hours. Groups will be welcome to visit by appointment. Following an opening reception on September 7, the library will sponsor free public programs on exhibit themes, beginning with a lecture on September 8 by pediatrician and historian Hughes Evans, MD, PhD of the University of Alabama at Birmingham.

Two interactive kiosks traveling with the exhibit give visitors access to the exhibit Web site <www.nlm.nih.gov/changingthefaceofmedicine>, featuring information on medicine as a career, lesson plans for classroom activities, and "Share Your Story," which invites the public to add the names and biographies of women physicians they know.

Watch for program announcements and details on the HSLs Web site <www.hsls.pitt.edu> as the summer progresses. For more information, contact Patricia Weiss, exhibit coordinator, at 412-648-2040 or pwf@pitt.edu. --Patricia Weiss

HSLs Participation at the Medical Library Association Conference

San Antonio, TX, May 14-19, 2005

Contributed Papers

Malgorzata Fort, head of Bibliographic Services (presenter); **Philip Bergen**, information architecture librarian; and **Deborah Silverman**, associate director for Resource Management: "On Beyond OPAC: Repurposing ILS Data for Web-based Access Tools."

Jill Foust, Web manager/reference librarian (presenter); **Phillip Bergen**, information architecture librarian; **Gretchen L. Maxeiner**, catalog librarian; and **Peter N. Pawlowski**, Vivisimo, Inc.: "Improving E-Book Access via a Library Developed Full-Text Federated Search Tool."

Deborah Silverman, associate director for Resource Management: "The Resource Management Model of Integrated Collection Services."

Poster Presentations

Michelle Burda, consumer health librarian: "Overcoming Challenges: Magnificent Medical Contributions. To Dream the Impossible Dream: Dr. Benjamin S. Carson, Pediatric Neurosurgeon."

Linda Hartman, reference librarian: "A Look at OT Search and the Indexing of the Occupational Therapy Literature."

Andrea Ketchum, reference librarian: "Information-seeking Practices of Support Groups."

Ammon Ripple, head of Reference Services: "Expert Googling: Best Practices and Advanced Strategies for Using Google in Health Sciences Libraries."

Ammon Ripple, head of Reference Services, and **Linda Hartman**, reference librarian: "Online Current Awareness: An Overview of Options and Strategies."

Electronic Poster Presentation

Charles Wessel, HSLs coordinator of Affiliated Hospital Services (presenter); **Barbara A. Epstein**, HSLs director; and **Nancy H. Tannery**, associate director of Information Services: "Responsible Literature Searching for Research: A Self-Paced Interactive Educational Program."

Other Contributions

Rebecca Abromitis, reference librarian, contributed a scenario: "Human Sexuality Questions from an Adult with Cognitive Disabilities." **Abromitis** and **Linda Hartman**, reference librarian, portrayed this scenario in "Challenging Patrons, Challenging Questions: Case Scenarios to Enlighten Our Futuro Magnifico."

Ammon Ripple, head of Reference Services, served as moderator for "UnGoogling Information Literacy in the Health Sciences."

New Look for Ovid Databases Coming Soon!

The Ovid search system will soon feature an updated look, a more intuitive design, and several new functions, including a citation matcher and cited reference searching for journals supplied by Ovid. Fourteen databases, including MEDLINE, PsycINFO, and CINAHL, are available to HSLs users on the Ovid system.

Look for more information on the front page of the HSLs Web site at <www.hsls.pitt.edu>. Questions? Ask a librarian at medlibq@pitt.edu or 412-648-8796.

Author Publishing Fee Discounted for Nucleic Acids Research

Beginning with the January 2005 issue of *Nucleic Acids Research (NAR)*, all articles published in *NAR* are freely available online immediately upon publication. Under this new publishing model known as open access, journal publishers offset their costs by charging authors a set fee, once a paper has been accepted for publication.

University of Pittsburgh and UPMC researchers can publish in *NAR* at a reduced rate because HSLs participates in *NAR*'s institutional membership program. Currently, the discounted author publication charge is \$500 (full rate: \$1,500).

For more details about publishing in *NAR* see <www3.oup.co.uk/nar/special/14/default.html>. An overview of open access publishing is available in *HSLs Update*, April 2004 <www.hsls.pitt.edu/about/news/hslupdate/2004/april/open_access/>.

HSLs Staff News

Staff Changes

Welcome to **Rachel Borchardt**, **Lili Hou**, and **Carolyn Polgardy**, students in the masters in library science program at the School of Information Sciences. The students are completing 15 week field placements at HSLs during the summer term. Borchardt and Polgardy are working in the Reference department, and Hou is working in Resource Management.

Bryan Fuller has accepted the Circulation/stack assistant position at Falk Library. He has been a student shelver at Falk Library since September 2003, and is currently completing a BA degree in classics at the University of Pittsburgh.

Welcome to **John Ladue**, who will be staffing the Computer and Media Center help desk and providing computer support to both patrons and staff. He holds a BA in communications from Grove City College.

Nicole Muehlbauer has joined HSLs as the new operations specialist in the Computer and Media Center. She previously worked as an office administrator in the University Child Development Center. Nicole holds a BS in psychology from Pitt, and is currently working towards a BA degree in architectural studies.

Michael Yaklich has been promoted to serials manager for HSLs. He has worked in various positions in circulation and technical services at Falk Library since 1988. Mike holds a BA degree in Social Sciences/Psychology from Muhlenberg College.

Publications

Jonathon Erlen, history of medicine librarian, published "Dissertations in the History of Pharmacy" in *Pharmacy in*

History, 2004, 46(4): 177-9; "Dissertations" in *AVISTA Forum Journal*, 2004, 14(1): 81-3.; and with George Rodway "Dissertation Titles and Synopses" in *Wilderness and Environmental Medicine*, 2005, 16(1): e1-e2. **Erlen** also reviewed *Civil War Pharmacy: A History of Drugs, Drug Supply and Provision, and Therapeutics for the Union and Confederacy* by Michael Flannery, New York: Pharmaceutical Products Press, 2004, in *JAMA*, 2005, 293(13): 1671-2.

Linda Hartman, **Rebecca Abromitis**, and **Alice Kuller**, reference librarians, and **Barbara Epstein**, HSLs director, published "Staff Development Planning in an Academic Health Sciences Library" in *Journal of the Medical Library Association* 2005, 93(2): 271-7.

Presentations

Jonathon Erlen, history of medicine librarian, presented "Human Experimentation in 20th Century America: Myths and Realities" at the Brown Cancer Center in Louisville, KY on May 23, 2005.

Ester Saghafi, reference librarian, presented a 4 credit CE course "Locating Psychological Testing Instruments for use in Health and Mental Health Settings: Measuring Health Beyond Biometrics" at the Medical Library Association Pittsburgh Regional Chapter Spring meeting held at Jefferson Regional Medical Center on April 15, 2005.

News

Patricia Weiss, reference librarian, attended a librarian coordinators' training workshop for the "Changing the Face of Medicine" exhibit on March 31-April 1 in Bethesda, Maryland.

Library Orientation.....finding your way

HSLs librarians provide many options for orienting new students, residents, faculty, and staff to library information resources and services

It's that time of year when faculty members, administrators, and staff are preparing for an influx of new people coming to the University and UPMC. HSLs librarians provide many options for orienting new students, residents, faculty, and staff to the library information resources and services available to them.

To request more information about any of the possibilities presented here, call the Reference department at 412-648-8796 or send an e-mail to medlibq@pitt.edu.

One-Page Orientation

10 Things You Need to Know to Get Started at HSLs is available for download as a handout that we encourage you to include as part of your group's standard orientation information. HSLs librarians can also tailor this handout upon request for your group. It is available at www.hsls.pitt.edu/guides/factsheet/10things.pdf.

Customized Packets

Librarians can create a customized folder of handouts about library resources and services. Handout topics cover HSLs in general, remote access, document delivery, individual databases, and many other subjects.

Brief Orientations and/or Tours

Librarians can provide an overview of information resources and services to your group, either in the library or at your location. We can come to orientation events, classes, or department meetings, and can be as brief or as thorough as your time permits.

Customized Training

Librarians can provide database-specific or subject-specific training to your group. For a list of training possibilities, see www.hsls.pitt.edu/services/instruction/desc. If you don't find what you need, we can create a class for you. Training can be in the form of a single brief session, a day-long workshop, or a customized program of multiple HSLs classes over a period of time.

Consultations

If you have new faculty, doctoral students, or others who need to become very familiar with the library and proficient at literature searches, you can arrange for them to have an individual consultation with a librarian to assure they are aware of the resources specific to their work.

--Ammon Ripple

In 2002 the National Institutes of Health (NIH) began to chart its *NIH Roadmap Initiative* <http://nihroadmap.nih.gov/>, creating new tools and technologies to accelerate complex biomedical research. As part of this endeavor, the **PubChem** project was developed. PubChem consists of three linked databases that contain the chemical structures of small organic molecules and information on their biological activities. The databases are:

PubChem Compound

Allows a *Molecular Name* search, *Chemical Property Range* search, and a *Simple Elemental* search. Searching can be performed from many different entry points, including chiral centers, hydrogen bond donors/acceptors, total formal charge, and tautomer. The da-



tabase also enables researchers to identify compounds similar to those being studied.

PubChem Substance

Includes the same entry points as PubChem Compound. The database allows a *Molecule Synonym* search, *Biology Links* search or a combination of the two. It also provides chemical descriptions, links to PubMed, protein 3D structures, and biological screening results.

PubChem BioAssay

Allows you to search for BioAssay Data Sets and browse or download



PubChem BioAssay results. The descriptions of the bioassay are also searchable.

In addition, PubChem also provides **PubChem Structure Search**, a chemical structure similarity search tool that links to the PubChem Compound and PubChem Substance databases.

PubChem can be accessed through the HSLs Databases by Title Web page at www.hsls.pitt.edu/resources/databases/titles.

--Linda Hartman

HSLs Schedule of Classes July-August 2005

Class schedules are subject to change. Please consult the online class calendar <www.hsls.pitt.edu/services/instruction/calendar> for the most current information.

HSLs ORIENTATION

Introduction to HSLs Resources and Services at Falk Library
Offered upon request. Contact M. L. Librecht at 412-648-8796.

Introduction to HSLs Resources and Services at WPIC Library
Offered upon request. Contact R. Abromitis at 412-246-5507.

SEARCHING DATABASES

Searching MEDLINE on Ovid*

(Falk Library, CMC Classroom 2)

Friday, July 8 9 a.m.-10:30 a.m.

Tuesday, July 26 1 p.m.-2:30 p.m.

Wednesday, August 3 9 a.m.-10:30 a.m.

Searching MEDLINE on PubMed*

(Falk Library, CMC Classroom 2)

Wednesday, July 6 10 a.m.-11:30 a.m.

Thursday, July 21 9 a.m.-10:30 a.m.

Friday, August 5 10 a.m.-11:30 a.m.

Advanced MEDLINE Searching on Ovid*

(Falk Library, CMC Classroom 2)

Wednesday, July 13 9:30 a.m.-11 a.m.

Advanced MEDLINE Searching on PubMed*

(Falk Library, CMC Classroom 2)

Thursday, July 28 9 a.m.-10:30 a.m.

Searching EMBASE.com* (Falk Library, CMC Classroom 2)

Monday, July 18 1:30 p.m.-3 p.m.

Searching Scopus* (Falk Library, CMC Classroom 2)

Friday, July 29 2 p.m.-3 p.m.

Searching PsycINFO* (Falk Library, Conference Room B)

Tuesday, July 12 9:30 a.m.-11 a.m.

SOFTWARE TRAINING

EndNote Basics (Falk Library, CMC Classroom 2)

Wednesday, July 20 1 p.m.-3 p.m.

Thursday, August 11 9 a.m.-11 a.m.

Adobe Photoshop for Beginners

(Falk Library, CMC Classroom 2)

Wednesday, July 27 10 a.m.-noon

PowerPoint for Presentations

(Falk Library, CMC Classroom 2)

Thursday, July 7 9 a.m.-11 a.m.

MOLECULAR BIOLOGY AND GENETICS RESOURCES

Introduction to VectorNTI*

(Falk Library, CMC Classroom 2)

Thursday, July 28 1 p.m.-3 p.m.

LUNCH WITH A LIBRARIAN

These informal, brown-bag lunches are held in Falk Library Conference Room B. Bring your own lunch. Drinks and dessert are provided. See <<http://www.hsls.pitt.edu/services/instruction/lunchlibrarian/>> or call 412-648-1251 for more information.

Academic Honesty: What You Need to Know About Copyright, Plagiarism, & Citing Sources*

by Ammon Ripple, MLS

Monday, July 11 Noon-1 p.m.

The Nuts and Bolts of Publishing an Article: Resources & Strategies for Aspiring Authors*

by Mary Lou Klem, PhD, MLIS

Thursday, July 28 Noon-1 p.m.

SPECIAL TOPICS

These classes are offered upon request to groups or individuals so you can come at a time convenient to you. To request a class, call 412-648-8796 or e-mail medlibq@pitt.edu.

- Basic Science Information Resources*
- Clinical Information Resources*
- Complementary and Alternative Medicine (CAM) Information Resources*
- Finding and Evaluating Online Patient Education Resources*
- Finding Information on Psychiatric and Psychological Testing Instruments*
- Health Resources on the World Wide Web*
- Medical Humanities Information Resources*
- Mental Health Information Resources*
- Public Health on the Web: Finding What You Need When You Need It*
- Searching for Evidence-Based Literature*

All classes are open to faculty, staff and students of the schools of the health sciences at the University of Pittsburgh and UPMC. No registration required. Seating for classes is first-come, first-served until the class is full. Classes marked with an asterisk () qualify for AMA Category 2 CME credit. Detailed course descriptions are available at <www.hsls.pitt.edu/services/instruction/>.*

Hospital Compare: A Web-based Tool for Adults Who Need Hospital Care

In April 2005, **Hospital Compare** <www.hospitalcompare.hhs.gov> was launched as a collaborative effort by the Centers for Medicare & Medicaid Services, the Hospitals Quality Alliance, and 4,200 hospitals nationwide. The Web site was designed to aid the decision-making process of consumers who are in need of hospital services, and to encourage hospitals to continue to improve their quality of care. It is not to be used in ranking hospitals. Content includes:

- **Hospital Information**- address, telephone number, and other contact information for all Medicare-certified hospitals in the U.S.
- **Quality Measures**- compares hospital performance using the state and national average rates of reported cases for each of the nationally recognized quality measures. This section is useful for consumers for comparing how often hospitals provide the recommended care for certain medical conditions (e.g. heart attack, heart failure, and pneumonia), since receiving the recommended care often leads to better recovery or outcomes. Consumers can compare treatment of these specific conditions in hospitals in their local area or statewide.



- **Patient Tools** include: *Hospital Checklist* – a list of questions that can be used along with the quality measures to help in choosing a hospital; and *Patients' Rights* – a list of the rights of patients during a hospital stay.
- **Helpful Contacts** provides links to information for specific organizations, or a topic search for Medicare-related questions. *Related Web Sites* provides links to other sites, such as those for state specific information.

Be aware that if data on a particular hospital cannot be found, the hospital may be part of a multi-hospital system that reported information as a single organization, or the hospital did not participate. Information found on this site is submitted voluntarily by hospitals participating in a national project, Hospital Quality Alliance: Improving Care Through Information.
--Michelle Burda

PDA Corner Shots 2005

PDA Corner



Shots 2005 is a quick reference guide for PDAs that provides the **2005 Childhood Immunization Schedule**, and the **2004-2005 Adult Immunization Schedule**. Within the guide, details about each vaccine are readily available by clicking on the vaccine names.

New for 2005:

- Recommendations for health care workers
- Risk Communication
- Pictures of vaccine preventable diseases (available for Pocket PC, and coming soon for Palm OS® devices)

Shots 2005 can be downloaded free of charge from the Group on Immunization Education of the Society of Teachers of Family Medicine Web site at <www.immunizationed.org>.

The *2005 Childhood Immunization Schedule* is a collaboration of the Advisory Committee on Immunization Practices (ACIP), the American Academy of Pediatrics and the American

Academy of Family Physicians. The *2004-2005 Adult Immunization Schedule* is based on the recommendations of ACIP.

This program was developed under a cooperative agreement between the Centers for Disease Control and Prevention, the Group on Immunization Education of the Society of Teachers of Family Medicine, and the University of Pittsburgh, Department of Family Medicine. Content was developed by Richard K. Zimmerman, MD, MPH and Donald B. Middleton, MD, University of Pittsburgh, and Sanford R. Kimmel, MD, Medical College of Ohio.

--Judith A. Troy, Project Coordinator
Department of Family Medicine

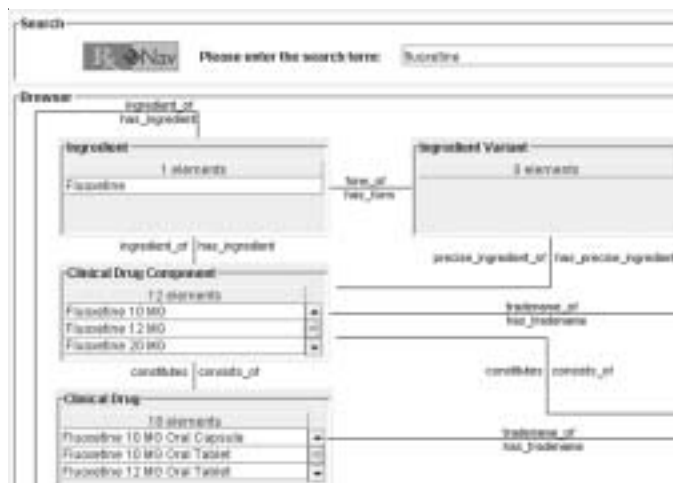
RxNorm Provides Standard Names for Clinical Drugs

In 2001, the National Library of Medicine (NLM) began a project to improve the interoperability of drug terminology and drug synonyms for use in the electronic exchange of clinical health information. This NLM project resulted in the creation of the **RxNorm** database.

RxNorm provides standard names for clinical drugs (active ingredient; strength; dose form) and for the dose forms as administered to a patient. It provides links from clinical drugs, both branded and generic, to their active ingredients, drug components (active ingredient; strength), and related brand names. National Drug Codes (NDCs) for specific drug products (where there are often many NDC codes for a single product) are linked to that product in RxNorm.

RxNorm links its standard names to many of the drug vocabularies commonly used in pharmacy management and drug interaction software, including those of First Databank, MICROMEDEX, MediSpan, and Multum. By providing links between these vocabularies, RxNorm can mediate messages between systems not using the same software and vocabulary.

University of Pittsburgh
Health Sciences Library System
3550 Terrace Street
200 Scaife Hall
Pittsburgh, PA 15261



To search the RxNorm database, the RxNav browser is required. This Java-based application allows users to query the RxNorm database by any of its components (ingredient, clinical drug, brand name, etc.) and displays all the information related to a given component on a single page. RxNav can be freely downloaded from <http://mor.nlm.nih.gov/download/rxnav/>.

Information in this article is from: www.nlm.nih.gov/research/umls/rxnorm_main.html and <http://mor.nlm.nih.gov/download/rxnav/>.