HSL Online continues to serve as the gateway to an expanding array of electronic health science resources, brought to you through the Health Sciences Library System. University of Pittsburgh and UPMC* library users now have access to five additional online resources at their desktops.

**Harrison's Online,**
**Scientific American Medicine Online,**
**Web of Science,**
**MICROMEDEX,**
and **MD Consult**
have all been added to the HSL Online Web-based collections available at <http://www.online.hsls.pitt.edu>. These five new electronic resources further enhance HSL Online, and include the addition of:

- 40+ Web-based medical reference books
- 25 key medical journals
- 23 Clinics of North America
- 39 Year Books (summaries and expert commentary on the most significant current literature)
- 7 databases in the fields of toxicology, drug information and acute care
- 3 citation databases
- 4 current awareness tools
- 600 peer-reviewed clinical practice guidelines
- 2,500 customizable patient handouts
- 300 CME modules

Pages 3-6 contain complete descriptions and features of each of the five new resources.

*All resources are not available in all locations.*

**NEW WEB PAGE**

The HSL Online Web page has a new look. The redesigned page allows convenient access to all the Health Sciences Library System electronic resources, including the five new online resources described in this issue. Add a bookmark for <http://www.online.hsls.pitt.edu>.

In addition, PubMed and the University Library System databases are accessible from the new page.
The Western Psychiatric Institute and Clinic Library has recently launched a new Library Outreach program. This Library initiative will help to improve mental health care in the state, which in turn supports the mission of WPIC.

The first step in Outreach planning was carried out in February, when Barbara L. Folb, MLS, joined the Library staff as the new Outreach/Reference librarian. Folb will provide leadership in the development, implementation and administration of the WPIC Library Outreach program, in addition to providing in-house reference services.

Many mental health care providers in Western Pennsylvania do not have easy access to library resources. A major goal of the WPIC Library Outreach program is to identify available resources that would be helpful to this group, and to provide training in their use. For example, training in searching the MEDLINE database on the Internet using the PubMed interface would provide this group with the skills to use a high-quality resource at very low cost.

UPMC mental health care providers who work outside the Oakland campus will also benefit from the Outreach program. The program will serve as an information conduit to the myriad of services available to UPMC through the Health Sciences Library System.

A WPIC Library Outreach program Web site is currently under construction. An additional Internet initiative is being planned to enable dissemination of various WPIC lecture programs. RealAudio and mp3 technology will be used to provide access to the lectures through the Web.

Need further information about WPIC Library Outreach? Contact Barb Folb at 624-0911 or folb+@pitt.edu.

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**HSLS Update**  
is produced by the  
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PARTNERS UPDATE

by Amy Gregg

HSLs, through its Partners in Information Access contract, awarded by the Middle Atlantic Region, National Network of Libraries of Medicine, continues to provide training to public health professionals. HSLS faculty librarians Charles Wessel, MLS, and Amy Gregg, MLS, presented at the Pennsylvania Association of School Nurses and Practitioners (PASNAP) annual statewide conference in State College, Pennsylvania, April 16-18, 1999. The PASNAP Conference theme was “Focus: Children, Change, and Challenge.” This provided an opportunity to promote Internet public health resources to school nurses and practitioners who provide healthcare to Pennsylvania’s children.

Wessel and Gregg offered a hands-on computer workshop entitled “Internet Resources for the School Nurse.” Thirty-one members of PASNAP participated in this workshop. Topics included: getting started with the World Wide Web; searching MEDLINE on PubMed; exploring relevant school nurse Web sites; evaluating and selecting quality Internet resources; and using advanced features of Internet search engines.

Wessel and Gregg also displayed an interactive exhibit to PASNAP members. This exhibit demonstrated how to search the Internet for authoritative and relevant public health information and how to locate specific Internet Web sites. Internet Web sites included Centers for Disease Control and Prevention; Medline Plus; Healthfinder and many others.

HSLS librarians are conducting workshops and will be exhibiting at the Pennsylvania Public Health Association’s annual meeting in Pittsburgh, Pennsylvania, October 24-28, 1999.

For more information on the HSLS Partners in Information Access contract please visit the Web site at <http://www.hsls.pitt.edu/outreach/partners/partners.html>.

WEB-BASED COLLECTIONS EXPAND...CONTINUED FROM PAGE 1

HSL Online continues to expand its collection of online clinical and research information, making data available to you anytime, with a click of your mouse. The five recent additions to HSL Online — Harrison’s Online, Scientific American Medicine (SAM) Online, Web of Science, MICROMEDEX and MD Consult — are summarized on the following pages.

HARRISON’S ONLINE & SCIENTIFIC AMERICAN MEDICINE (SAM) ONLINE

The conundrum of medical publishing is that many textbooks are out-of-date by the time they are published. However, Web-based texts offer a number of distinct advantages over their print counterparts. Web-based medical texts can be dynamically updated to include the latest clinical information, as it becomes available. In addition, they can be accessed at your desktop 24 hours a day, and typically incorporate powerful indexing tools and search software to facilitate retrieval. Two new Web-based texts available at <http://www.online.hsls.pitt.edu> through HSL Online are Harrison’s Online and Scientific American Medicine (SAM) Online.

Harrison’s Principles of Internal Medicine, one of medicine’s classic textbooks, is now available electronically as Harrison’s Online. It provides relevant, current and practical information to support clinical practice and ongoing research. This Web-based version of the fourteenth edition of Harrison’s Principles of Internal Medicine provides both full search capabilities and more features than the print version. Every two weeks, new content is added to the database by the Harrison’s editors in order to provide up-to-the-minute information on the latest therapies, reviews of ongoing clinical trials, and updates on clinical guidelines. New references with links to MEDLINE abstracts, new clinical photographs, tables, and treatment algorithms, self-assessment questions and links to related Web sites are also featured in the online version.

Scientific American Medicine (SAM) Online is another new and innovative Web-based medical textbook available through HSL Online. It was created as a tool to provide access to the medical knowledge of top experts from leading universities in North America. SAM Online is continuously updated by leading physicians to incorporate new findings on prevention, diagnosis, treatment, and pathology. This resource covers 15 subspecialties of internal medicine, thoroughly referenced to the primary literature, including: Cardiovascular Medicine, Dermatology, Endocrinology, Gastroenterology, Hematology, Immunology, Infectious Disease, Interdisciplinary Medicine, Metabolism, Nephrology, Neurology, Oncology, Psychiatry, Respiratory Medicine, and Rheumatology. Features of SAM Online include:

♦ Full-text, searchable by keyword;
♦ More than 2,000 color graphics, illustrations, charts and diagrams;
♦ Highlights from the monthly Bulletin, a professional newsletter;
♦ Recent FDA drug approvals;
♦ SAMSQA (Scientific American Medicine Self-Assessment Questions), which offers 120 Category 1 CME credits;
♦ Clinical Updates by expert authors.

continued on page 4
**WEB OF SCIENCE**

Another recent addition to HSL Online is **Web of Science**, a citation database that contains bibliographic information on published journal articles. Are you interested in knowing the number of times other authors have cited your journal articles? Would you like to take a known, relevant article and find other, more recent papers that cite it? Web of Science, available to most buildings on the Oakland campus through the Health Sciences Library System at http://online.hsls.pitt.edu/, can provide answers to these and many other citation-related queries.

Citation searching allows searchers to discover and link to valuable research that may have not otherwise been considered. Web of Science provides Web-access to the citation databases produced by the Institute for Scientific Information (ISI) from 1992-present. These include Science Citation Index Expanded; Social Sciences Citation Index; and Arts & Humanities Citation Index. Web of Science allows searchers to:

- Navigate forward, backward and through the research literature using navigational arrows
- Track “times cited” information for articles on a weekly basis through automatic updates
- Search any time period: any number of years, latest four weeks, latest two weeks, or most recent update
- Select any combination of the three citation databases from which to search
- Use Boolean logic, proximity operators, and limit by language and/or document type

**MICROMEDEX**

HSL Online has also added **MICROMEDEX**, a family of online databases and textbooks in three broad categories: drug information, toxicology, and acute care. It provides consensus-based medical opinions, in addition to bibliographic information, and is updated quarterly. Most of the information contained in the MICROMEDEX system is full-text.

The Drug Information resources include 3 databases and 2 electronic textbooks. They are:

**DRUGDEX**: Comprehensive monographs and patient care histories on nearly 1,800 drugs accessed by trade name, generic name, indications or adverse effects.

**IDENTIDEX**: Pharmaceutical tablet and capsule identification by imprint code, color and shape. This system includes prescription and over-the-counter drugs, as well as many international and street drugs.

**DRUG-REAX**: A drug therapy screening system that checks for interacting drug ingredients, their effects, and clinical significance.

**MARTINDALE**: An electronic textbook that provides extensive information on international drug products. Searching may include therapeutic uses, adverse effects, chemical forms and proprietary names.

**PHYSICIANS’ DESK REFERENCE (PDR)**: This electronic textbook provides access to data on prescription and over-the-counter drugs, and specialized ophthalmic pharmaceuticals.

The MICROMEDEX Toxicology resources include 2 databases, which are:

**TOMES** (Toxicology, Occupational Medicine & Environmental Series) provides information for management of both medical/human and hazard/environmental issues associated with chemicals.

**REPRORISK**: A database to help evaluate reproductive risks of drugs, chemicals and physical and environmental agents on males, females and unborn children.

The Acute Care resources include 2 databases:

**EMERGINDEX**: Provides diagnostic information, treatment protocols and guidelines for use in acute care settings.

**POISINDEX**: Identifies ingredients for hundreds of thousands of commercial, pharmaceutical, and biological substances. Substances are linked to documents that provide data on clinical effects, range of toxicity and treatment protocols.

**MD CONSULT**

*by Alice Kuller*

The Health Sciences Library System also recently added **MD Consult** to the wide array of electronic resources available through HSL Online. MD Consult, a Web-based resource with a strong focus on the information needs of clinicians, was created through a joint venture of three leading publishers: Lippincott Williams & Wilkins, Mosby, Inc., and W.B. Saunders. As a multi-dimensional electronic resource, MD Consult offers both ANSWERS and UPDATES.

The ANSWER segment includes:

- Full text of 37 medical and specialty reference books
- Full text of more than 45 journals including the *Clinics of North America* series. The range of start dates for full text is 1995-1998.
- Mosby’s *Year Book* series, which contains summaries and expert commentary on the most significant current literature, and includes full text of all articles beginning in 1994
- Journal Search – Simultaneously searches all the citations in MEDLINE, AIDSLINE, HealthSTAR and CANCERLIT and the 45+ clinical journals that are full text. The full text articles can be viewed instantly.
- Mosby’s GenRx (1999 ed.) – Offers prescribing information for over 30,000 medications and images of pills

*continued on page 6*
### Reference Books

1. AAP 1997 Red Book: Report of the Committee on Infectious Diseases
3. Bennett: Cecil Textbook of Medicine
4. Bone: Pulmonary and Critical Care Medicine
5. Braunwald: Heart Disease: A Textbook of Cardiovascular Medicine
6. Braverman: Werner and Ingbar’s The Thyroid
7. Brenner: Brenner & Rector’s The Kidney
8. Calkins: Practice of Geriatrics
9. Dambro: Griffith’s 5-Minute Clinical Consult
10. DeVita: Cancer: Principles & Practice of Oncology
11. Ellenhorn: Ellenhorn’s Medical Toxicology
12. Goroll: Primary Care Medicine
13. Habif: Clinical Dermatology: Color Guide to Diagnosis and Therapy
15. Kaplan & Sadock: Comprehensive Textbook of Psychiatry
17. Lee: Wintrobe’s Clinical Hematology
18. Middleton: Allergy: Principles and Practice
19. Pfenninger: Procedures for Primary Care Physicians
20. Pizzo: Principles and Practice of Pediatric Oncology
21. Rakel: Conn’s Current Therapy
22. Ravel: Clinical Laboratory Medicine
23. Reese: Practical Approach to Infectious Disease
24. Roberts: Clinical Procedures in Emergency Medicine
25. Rockwood: Rockwood and Green’s Fractures in Adults
27. Rowland: Merritt’s Textbook of Neurology
29. Sabiston: Textbook of Surgery
30. Sande: The Medical Management of AIDS
31. Schiff: Diseases of the Liver
32. Scott: Danforth’s Obstetrics and Gynecology
33. Wagner: Marriott’s Practical Electrocardiography
34. Walsh: Campbell’s Urology
35. Washington Manual of Medical Therapeutics
36. Weiner: Neurology (House Officer Series)
37. Yamada: Textbook of Gastroenterology

### Clinics of North America

1. Anesthesiology Clinics
2. Cardiology Clinics
3. Clinics in Chest Medicine
4. Clinics in Liver Disease
5. Clinics in Sports Medicine
6. Critical Care Clinics
7. Dermatologic Clinics
8. Emergency Medicine Clinics
9. Endocrinology and Metabolism Clinics
10. Gastroenterology Clinics
11. Hematology/Oncology Clinics
12. Immunology and Allergy Clinics
13. Infectious Disease Clinics
14. Medical Clinics
15. Neurologic Clinics
16. Obstetrics and Gynecology Clinics
17. Orthopedic Clinics
18. Pediatric Clinics
19. Primary Care Clinics in Office Practice
20. Psychiatric Clinics
21. Rheumatic Disease Clinics
22. Surgical Clinics
23. Urologic Clinics

### Journals

1. American Heart Journal
2. American Journal of Emergency Medicine
3. American Journal of Gastroenterology
4. American Journal of Obstetrics & Gynecology
5. American Journal of Sports Medicine
6. Anesthesiology
7. Annals of Emergency Medicine
8. Annals of Surgery
9. Arthritis and Rheumatism
10. Cancer Journal from Scientific American
11. Chest
12. Critical Care Medicine
13. Gastrointestinal Endoscopy
14. Journal of Allergy and Clinical Immunology
15. Journal of Clinical Endocrinology & Metabolism
17. Journal of Pediatrics
18. Journal of the American Academy of Dermatology
19. Journal of the American Geriatrics Society
20. Journal of the American Society of Echocardiography
21. Journal of the American Society of Nephrology
22. Medicine
23. Neurology
24. Pediatrics
25. Pediatrics in Review

### Drug Information

Mosby’s GenRx, the leading independent drug reference, featuring information on over 30,000 medications.
**FULL-TEXT MATERIALS AVAILABLE ON MD CONSULT.. CONTINUED FROM PAGE 5**

**Year Books:**

1. Allergy, Asthma and Clinical Immunology
2. Anesthesiology and Pain Management
3. Cardiology
4. Chiropractic
5. Critical Care Medicine
6. Dentistry
7. Dermatology and Dermatologic Surgery
8. Diagnostic Radiology
9. Drug Therapy
10. Emergency Medicine
11. Endocrinology
12. Family Practice
13. Gastroenterology
14. Geriatrics and Gerontology
15. Hand Surgery
16. Hematology
17. Infectious Diseases
18. Medicine
19. Neonatal and Perinatal Medicine
20. Nephrology, Hypertension and Mineral Metabolism
21. Neurology and Neurosurgery
22. Nuclear Medicine
23. Obstetrics, Gynecology and Women's Health
24. Occupational and Environmental Medicine
25. Oncology
26. Ophthalmology
27. Orthopedics
28. Otolaryngology-Head and Neck Surgery
29. Pathology and Laboratory Medicine
30. Pediatrics
31. Plastic, Reconstructive and Aesthetic Surgery
32. Psychiatry and Applied Mental Health
33. Pulmonary Disease
34. Rheumatology, Arthritis, and Musculoskeletal Disease
35. Sports Medicine
36. Surgery
37. Thoracic and Cardiovascular Surgery
38. Urology
39. Vascular Surgery

**Practice Guidelines**

Over 500 Clinical Practice Guidelines contributed by more than 50 medical societies and government agencies.

**Patient Education**

More than 2,500 customizable patient education handouts.

**Continuing Medical Education**

The MD Consult CME Center is a collection of 300 Continuing Medical Education modules, each offering 1.5 Category 1 credits, for a total of 450 hours of Category 1 credits towards the AMA Physician’s Recognition Award. Sponsored and administered by American Health Consultants, the collection provides practical, topical updates across 11 specialties of medicine. Each CME test is enhanced with links to full text articles or abstracts for its references, as well as additional links to related information from MD Consult’s full-text medical books, journals, practice guidelines, drug information, and useful information on other Web sites.

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**MD CONSULT.... CONTINUED FROM PAGE 4**

The UPDATES segment includes:

- **Drugs Updates** – FDA Approvals, FDA Safety Notices, Pharmaceutical Industry news & more
- **What Patients Are Reading** – Features health science information that appears in the popular press, accompanied by links to relevant clinical information (articles, reference books, drug information)
- **Clinical Topic Tours** – Each week a noteworthy topic is presented in a brief overview supplemented by an extensive catalog of online information resources.
- **Patient Education Pamphlets** – A wide array of topics is available. Type your own special instructions to customize any of the 2,500 handouts
- **Today In Medicine** - Key developments in medicine, updated daily from articles published by the Reuters news service

- This Week’s Journals – Summaries of five widely read weekly journals are presented each week in an easy-to-scan format. Full text is not available.
- **CME Modules** - 300 modules offer AMA Category 1 credits.
- More than 600 peer-reviewed practice guidelines search-able by topic, specialty and authoring organization

Access to MD Consult is available from any computer within the IP address range for the University of Pittsburgh or the UPMC Health System. If your Internet connection is through a different Internet Service Provider, MD Consult cannot be accessed at present. To use MD Consult, open HSL Online at <http://www.online.hsls.pitt.edu>. The first time you use it you will be prompted to register and to select a user name and password for future log-on.
Patricia Bookamyer, HSLS Director’s Office, has been promoted to Administrator I.

Barbara Folb, MLS, WPIC Outreach/Reference Librarian, is this year’s recipient of the Pittsburgh Chapter Distinguished Service Award from the Special Libraries Association. The award is in recognition of her diligent work on the Chapter’s Web page.

Allison Howard, MLIS, is the new temporary Catalog Librarian in the WPIC Library. Allison is responsible for updating Pittcat holdings to reflect the changes resulting from the WPIC Library space renovation project. She will also be assisting with database cleanup as part of the migration to the new Voyager system, which drives Pittcat, and cataloging the WPIC video collection. Allison has worked in the Falk Library since 1995 and holds degrees from Plymouth State College (BS) and the University of Pittsburgh (MLIS).

Robin Kear joins the HSLS as a Library Specialist II in the Falk Library Interlibrary Loan/Document Delivery department. She is a recent graduate of Chatham College and a newlywed. Robin was married to Steve Ulrich at the Outer Banks in North Carolina on May 30.

Barbara May, Interlibrary Loan & Photocopy Supervisor, has been promoted to Administrator II.

Mary Gail Merlina, Falk Library Circulation Manager, has been promoted to Administrator II.

Cecile Roberts, HSLS Acquisitions Manager, has been promoted to Administrator II.

Frances Yarger, Computer and Media Center Supervisor, has been promoted to Administrator III.

Contributed Papers:
Medical Library Association Conference, Chicago, IL
May 14-19, 1999
Barbara A. Epstein, HSLS Associate Director; Nancy H. Tannery, HSLS Assistant Director for Information Services;
Phillip Bergen, HSL/Informatics Trainee (University of Pittsburgh); Carol Jenkins, Anne Lawrence (University of North Carolina - Chapel Hill). Preparing Tomorrow’s Health Sciences Librarians: Two Model Internship Programs.

Web of Science, produced by the Institute of Scientific Information (ISI), will replace Current Contents as the current awareness tool on HSL Online.

Web of Science, (detailed on page 4), provides access to citations from over 5,600 journals in the sciences and 2,800 titles in the social sciences and humanities. It is updated weekly with over 20,000 entries added with each update.

Web of Science offers many current awareness features that are similar to Current Contents. In addition to its currency, users can save their search strategies to be rerun at a later date and results can be printed or exported into programs such as EndNote and ProCite. Although you cannot display the table of contents for a specific issue in Web of Science, you can generate a table of contents by searching on a journal title.

Because both Current Contents and Web of Science are similar costly databases containing the same data, and produced by the same vendor (ISI), HSLS will eliminate access to Current Contents as a separate database, effective July 1, 1999.

If you are a Current Contents user, and need assistance in the use of Web of Science, please contact the Reference Desk in Falk Library (648-8796) or WPIC Library (624-1919) or email <medlibq+pitt.edu> or <wpicref+pitt.edu>.

For more information about any of the electronic resources provided through HSL Online, ask at either the Falk Library (648-8796) or WPIC Library (624-1919) reference desks, or send email to medlibq+pitt.edu.
You may also learn how to use HSL Online resources through a variety of classes offered by the Health Sciences Library System. Available free of charge to University of Pittsburgh and UPMC Health System faculty, staff and students, the classes cover a range of topics, including resources at HSLS, database searching, multimedia development, bibliographic management, and health resources on the Internet. For HSLS class information see: < http://www.hsls.pitt.edu/classes/index.html>.
RECENT VIDEO ACQUISITIONS IN THE CMC AND WPIC LIBRARY

The Computer and Media Center (CMC), located in the Falk Library, and the Benedum Audiovisual Center, located in the Western Psychiatric Institute and Clinic Library both house collections of health sciences videos.

For information about the CMC video collection call 648-9109. Recent additions to the CMC video collection include:

- **Battling Cocaine and Heroin Addiction: An Interdisciplinary Approach to a Persistent Problem**, 60 mins., 1999
- **Chronic Cough**, 60 mins., 1999
- **Clinical Management of Burns**, 50 mins., 1998
- **Consultations in Dermatology: Identifying and Treating Skin Abnormalities**, 60 mins., 1999
- **Improving Quality and Reducing Risk in Clinical Practice: Case Study Reviews**, 60 mins., 1999
- **Internet Toolkit for Healthcare Professionals**, 60 mins., 1998
- **An Integrated Approach to the Management of Allergy and Asthma**, 60 mins., 1998
- **Transplant Video Journal**, 30 mins., 1999
- **Windows Academy: Windows NT 4.0 Video Training Series, volumes 1-6**, 90 mins., 1996

A selection of new mental health videotapes is available in the Benedum Audiovisual Center, located in the WPIC Library. For additional information about the video collection, see:


New WPIC Library video acquisitions include:

- **Close to Home: Moyers on Addiction Series:**
  - **Changing Lives**, 81 mins., 1998
  - **Portrait of Addiction**, 57 mins., 1998
  - **The Hijacked Brain**, 57 mins., 1998
  - **The Next Generation**, 57 mins., 1998
- **Depression and Manic Depression**, 28 mins., 1996
- **Eating Disorders**, 18 mins., 1996
- **Exceptional Child I: Building Understanding**, 28 mins., 1998
- **Exceptional Child II: Focusing on Nurturing & Learning**, 29 mins., 1998
- **Mental Illness: The Family’s Story**, 32 mins., 1997
- **Moral Development I and II: Concept and Theory**, 29 mins., 1998; **Learning to Be Moral**, 29 mins., 1998
- **Step on a Crack: A Video on Obsessive Compulsive Disorder**, 29 mins., 1996
- **Straight-Up Life: HIV and Addiction**, 29 mins., 1996
- **Suicide in Inpatient Settings: Intervention Strategies**, 23 mins., 1997
- **Suicide in Inpatient Settings: Overview and Assessment**, 23 mins., 1997

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