Health Sciences Library System
University of Pittsburgh

Annual Report 2001/2002

Enhancing Information Access/Building the Digital Library:

- <u>HSLS continued to build its electronic collection.</u>

As of June 30, 2002, HSL Online includes 2,111 unique electronic journal titles, and 299 unique book titles. Notable online resources and vendor packages added during the past year include:

  - AMED: Allied and Complementary Medicine Database
  - Mantis: (Manual, Alternative, and Natural Therapy Index System)
  - TOMES Plus (Medical, hazard, and environmental information for safe management and handling of chemicals)
  - Natural Medicine Comprehensive Database
  - Cell Press and American Association of Cancer Research E-Journals
  - PsycARTICLES
  - Thieme E-Journals
  - Harcourt Health Sciences E-Journals
  - Clinical Evidence

HSLS upgraded its Ovid subscription to include all Journals @ Ovid (additional 240 titles, including many from Lippincott/Williams & Wilkins) and Books @ Ovid (additional 45 titles). Ovid Open Links was also implemented, allowing easier linking to non-Ovid e-journals retrieved during search sessions on Ovid databases. HSLS worked intensively with Ovid to resolve ongoing technical and service problems.

- <u>HSLS developed several innovative tools to facilitate user access to general and specialized collections.</u>

"PITTCat for the Consumer" http://kittycat.hsls.pitt.edu, a separate Voyager online public catalog to facilitate access to consumer health books, was implemented in Summer 2001. It enables simultaneous searching of the consumer health materials held in the Hopwood Library at UPMC Shadyside, the Patient and Family Education Center of the University of Pittsburgh Cancer Institute (UPCI), Western Psychiatric Institute and Clinic Library, and Falk Library.

The "Cancer Topics" page, http://www.hsls.pitt.edu/chi/topics/cancer/, developed by Trainee Tamar Smith, was also introduced in Summer 2001. This page is designed to make it easier for UPCI and other UPMC patients to find and use library materials that contribute to healing and health. Additional specialized Topics pages are under development.

Bibliographic records for new additions to HSLS Collections are now enhanced to include table of contents and summary information where appropriate and available.

Several new web pages aimed at diverse student populations were introduced during the year. These include Information Resources for Nursing Students http://www.hsls.pitt.edu/guides/students/nursing, and Pennsylvania Governor's School for Health Care http://www.hsls.pitt.edu/guides/students/pgshc/index_html.

The New Books Web page http://www.hsls.pitt.edu/resources/newbooks debuted in June 2002. Users can "virtually browse" new books and other recent acquisitions from their desktops.

In response to the events of September 11, 2001, librarians developed a web resource, titled Medical Responses to Terrorism http://www.hsls.pitt.edu/guides/internet/guide.html?topic=46, that provided links to updated information, full text articles, government documents, and evidence-based information dealing with a wide range of bioterrorism topics. This resource was publicized on the HSLS Web site, HSLS Update, UPMC Extra, UPMC Physician and the University Times.

Recent Dissertations in History of Medicine http://www.hsls.pitt.edu/services/histmed/dissertations.html is a monthly current awareness tool that provides a selective list of recent dissertations and theses in history of medicine and health care.

- Re-designed web site for HSLS was implemented.

The new and improved HSLS web site, managed by Zope software, was unveiled in Spring 2002. New features include
  - Improved tools for site navigation
  - Menus designed to provide context sensitive information to help locate and use library resources
  - A site map and search engine, which allow for comprehensive access to site resources
  - An improved document ordering form that provides faster access to resources not held by the library.

In addition, the Databases web page in the Resources section of the HSLS website is now pulled from Voyager. Data structures and records were developed to allow development of this and other potential tools for delivering resource information.

The new structure allows for expansion and continued development of access to the library's information resources and services.

- A new specialized information service in molecular biology and genetics was initiated.

Ansuman Chattopadhyay, Ph.D., was hired in May 2002 to develop and oversee a new specialized information service in molecular biology and genetics. This HSLS service will be coordinated with program initiatives and research activities of the Center for Computational Biology and Bioinformatics, the Center for Human Genetics and

Integrative Biology, the Department of Human Genetics, the Pittsburgh Supercomputing Center, and other related departments in the six schools of the health sciences.

Specifically, Dr. Chattopadhyay will:

- o Consult with various departments and research groups to identify existing resources and interests, and to investigate information and resource needs;
- o Plan and implement innovative services related to information management and sharing, as well as resource development and integration in molecular biology and genetics.
- o Offer consultation and training to researchers, students, and clinicians on topics related to access, selection and use of bioinformatics resources.
- o Provide support to research teams for questions related to bioinformatics resources.

- HSLS librarians planned and implemented programs to support use of handheld computing devices (PDAs) in the medical center.

The ongoing *PDA Corner* was initiated in the June 2001 issue of HSLS Update. In addition, a specialized web page with information about PDAs http://www.hsls.pitt.edu/guides/pda/ provides useful links to Web sites that focus on the use of PDAs in health care, as well as sites where medical software is available for downloading.

PDAs were ordered for reference librarians and other HSLS staff members. Several different types of cradles were purchased by the CMC for use by students, faculty, residents and others.

HSLS teamed with Drs. Stephen Handler and David McAdams and medical student Andrew Doben to offer a well-attended series of three classes, each offered two times, related to PDA use.

- A variety of ongoing programs and new initiatives expanded user awareness of HSLS resources.

Last year HSLS librarians and staff provided 101 class sessions to 560 attendees as part of the library's Calendar of Classes. Classes ranged from database searching to multimedia development, with new classes on PittCat and Complementary and Alternative Medicine added this year. A change in marketing the Evidence Based Medicine was developed. Special groups were targeted by emails and advertisements were placed on the HSLS and Health portal Web sites. This resulted in previously un-served groups requesting classes or presentations. This type of marketing initiative will be used for other programs.

A Reference Consultation Program was started in September 2001. Librarians assisted users in identifying appropriate HSL Online resources to support research for grants or publications. The service was marketed through an article in HSLS Update, front page of Web site, and in-house promotions. Consults numbered close to 50 between September 2001-June 2002.

Librarian liaisons to the Schools of Medicine, Dental Medicine, Pharmacy, Health and Rehabilitation Services, and Nursing, as well as the Graduate School of Public Health and the Department of Psychiatry, gave presentations this year at faculty meetings, marketed library information to new faculty, and provided orientations and instruction within the curriculum. The following is a list of selected activities:

- o School of Medicine
    - o Library open house for 140 medical students
    - o Overview of library resources and literature support for medical students in first year Introduction to Physician cases.
    - o Third year CAMC medical student course ~140 students: overview of library resources at orientation; librarian provides written comments to students on Clinical Guidelines assignments; literature searching skills (MEDLINE) taught to all students.
    - o Librarians teach EBM skills in 4th year medical student elective, Evidence Based Medicine and Clinical Decision-Making Skills course.
    - o Librarians teach first half of a 2-credit course in Biocomputing for PhD students. The course was offered to 18 students during both Fall and Spring semesters.

- o School of Dental Medicine
    - o Library open house for 73 dental students.
    - o Overview of library resources to faculty in Nov 01 and Mar 02.
    - o MEDLINE skills taught to 75 dental students.
    - o Overview of library resources and MEDLINE skills taught to 37 dental hygiene students.

- o School of Pharmacy
    - o Library open house for 92 first year students.
    - o Overview of library resources given to all 1st year students.
    - o MEDLINE/PittCat training to 92 students.
    - o Input provided to the School's accreditation document.

- o School of Health and Rehabilitation Sciences
    - Medline, OT Sys, EBMR training to 32 rehabilitation sciences students
    - Library overview to 12 graduate students
    - Tour and Medline instruction to 17 clinical Dietetics and Nutrition students
    - Medline/PittCat instruction to 22 students

- o School of Nursing
    - Tour of Falk Library to 140 1st year students
    - MEDLINE/CINAHL skills taught to 146 undergraduate Nursing Informatics students over three semesters.
    - MEDLINE/CINAHL/EBM skills taught to 116 students in a master's level Nursing Research and Theory course over three semesters.
    - CINAHL/MEDLINE skills taught to 11 master's level students in a Nursing Educators course.

- MEDLINE/CINAHL and resources overview given to 39 students in the Introduction *to* Nursing Science course.

  - Graduate School of Public Health
    - Overview of library resources presented at faculty meeting.
    - Developed and taught an information resources component of the HSADM 2029: Health Management Information Systems course
    - Attended the all-day GSPH faculty retreat in March
    - Library overview, MEDLINE/ PittCat/TOXNET taught to 4 Occupational Medicine residents.
    - MEDLINE/PittCat taught to 29 students in a Biostatistics course.

  - Department of Psychiatry
    - Targeted emails about HSLS classes and new resources are sent to WPIC faculty and staff.
    - Librarians attend monthly Psychiatry faculty meetings.
    - Library orientations were provided for psychiatry residents three times this year, Nov 2001, Feb 2002 and June 2002.
    - Information packets sent to new faculty.

The Institutional Animal Care and Use Committee (IACUC) has partnered with the library for assistance with USDA required literature searching. The liaison to IACUC has performed searches for more than 85 researchers at the University in search of alternatives to painful and distressful animal procedures. The number of searches more than tripled since last year.

- <u>HSLS used a variety of PR approaches to market services and resources to our community of users</u>.

A news link was developed on the HSLS web site (http://www.hsls.pitt.edu/news.html) in August 2001. The University of Pittsburgh Health Portal links directly to this.

Posters advertising HSL Online access to Nature and Cell journals were produced and displayed. A WPIC librarian regularly emails WPIC faculty to promote library classes. An email publicity program about evidence-based medical resources was also initiated. Messages about HSL Online were regularly posted on the HSLS web site, and HSLS Update contained articles about new and continuing resources.

HSLS participated as an exhibitor in *Science2001: A Research Odyssey* by displaying two large posters. One was a description of HSLS services offered to the University of Pittsburgh and to the Pittsburgh region. The second poster highlighted the Faculty Research Interest Project developed by HSLS and the CMBI. The posters were accompanied by handouts, bookmarks, and information sheets.

- <u>HSLS worked with the School of Medicine Office of Medical Education and the Curriculum Committee to explore and develop a curriculum model to reinforce/build information seeking skills throughout the four year curriculum.</u>

The Assistant Director for Information Services regularly attends meetings of the SOM Curriculum Committee. The Committee's Vision Task Force report includes a goal of having students be proficient in literature searching.

As a first step toward development of a targeted four-year approach, librarians developed a survey to assess current medical students' need for instruction and awareness of the resources available to them. The survey was sent to all medical students in the spring of 2002. The response rate was 28%, evenly distributed across the four years. The results are being analyzed.

HSLS submitted preliminary information about library services in preparation for the upcoming 2003 accreditation visit by the LCME.

- The Document Delivery department continued investigation and implementation of best practices and technology for providing copies of articles and other materials to users.

The Document Delivery department continued to upgrade software and equipment, streamline processes, and upgrade user services. The web-based document ordering form for library users was revised to include the ability to order multiple citations in a single request form. Beginning in January 2002, HSLS began accepting major credit cards for payment of fees. These resulted in a marked improvement in the time required to collect fees.

This fiscal year marked the first full year of HSLS management of the printing and photocopy operations. Budgetary goals were met, and the operation is running smoothly.

- HSLS opened the Media Computer Lab in the Computer and Media Center (CMC), in cooperation with the School of Medicine's Lab for Educational Technology.

The mission of this Lab is to assist faculty in creating and using instructional technology in support of the educational objectives of the SOM. The Lab includes three Windows-based and two Macintosh computers to provide a computing infrastructure for media projects involving large files, such as digitally scanned images, computer animations, and video. Peripheral equipment includes scanners, DV and SVHS video recorders, Fire Wire cards, and CD-ROM burners. Software includes
  o *Dreamweaver*, which enables Web site creation
  o *Flash*, a Web animation tool
  o *Premiere 6.0*, a powerful video editing package
  o *After Effects*, a complementary set of tools for Premiere
  o *Photoshop*, the standard for image editing
  o *Illustrator*, for creating illustrations
  o *Cleaner 5.0*, a media creation tool.

Service to UPMC Hospitals:

- HSLS offered a variety of services and user education to UPMC hospitals.

The following UPMC hospitals continue to contract for access to HSL Online: Magee Womens Hospital, UPMC St. Margaret, UPMC Passavant, UPMC South Side, UPMC Braddock, UPMC McKeesport, UPMC Rehabilitation, and UPMC Italy. Full access to HSL Online at both UPMC Lee Regional and UPMC Horizon was initiated in July 2001.

HSLS Coordinator of Affiliated Hospital Services offered an active program of orientations, consultations and training sessions at various hospitals. 435 participants attended 33 classes offered onsite in hospital settings.

- HSLS provided library services at UPMC Shadyside through management of the James Frazer Hillman Health Sciences Library and the Hopwood Library: A Health Resource Center for Patients and Families

HSLS continues to integrate management of UPMC Shadyside libraries into system-wide operations to streamline processes and services for greater efficiency, and ease of use by library patrons. Periodicals check-in for all HSLS libraries was consolidated in Falk Library. All libraries are also using the same company for binding. Purchasing and collection development procedures were streamlined. Voyager circulation was initiated at Shadyside, and plans are in place to improve document delivery to Shadyside patrons during the coming year. All Shadyside employees were transferred to be University of Pittsburgh employees.

Usage of library services and resources at UPMC Shadyside have continued to grow since the opening of the remodeled library facility in October 2000. Mediated searching grew by 20% and the number of reference questions nearly doubled. Close to 400 people attended training and orientations. These included residents in internal medicine and family practice, nursing students, nurses, and attending physicians.

- HSLS continued its partnership with UPCI Patient and Family Education Center.

HSLS acquired, processed and cataloged new materials for the Patient and Family Education Center. The initiation of Pittcat for the Consumer and the web-based Cancer Topics pages enhanced retrieval and use of UPCI resources.

- HSLS participated in JCAHO reviews of UPMC Horizon, UPMC Lee Regional, and UPMC Shadyside in January 2002.

HSLS provided information to UPMC Horizon for their review in August 2001, and to UPMC Lee for their review in November 2001. The Shadyside librarians participated in Shadyside's review in February 2002.

- HSLS librarians continued participation in IAIMS and other enterprise computing activities.

HSLS staff members participate in committees dealing with information architecture, development of a master person index, web development, patient education, networking and security issues, and others. The HSLS Director is a co-principal investigator, and serves on the IAIMS Steering Committee. Other committee assignments for HSLS librarians include the Health Sciences Information Resource (HSIR) group, ITA and ITA Executive Committee, Networking & Telecommunications Committee and the Technical

Resources Group. In addition, HSLS librarians participated in the working group on role definition, and a sub-committee of HSIR that investigated bibliographic standards for Health Sciences IT projects.

An HSLS reference librarian serves as half-time Manager of the Faculty Research Interests Project (FRIP), which now includes over 1,500 active faculty records. The FRIP/IPS Push project is developing ways to send targeted information to individuals based on their stated interests.

HSLS librarians also participate in planning for the Rapid Deployment CME Project with Barbara Barnes, M.D. The goal of this project is to develop a learning system that uses existing online, full text knowledge resources as a basis for continuing professional development activity.

Administration and Management:

- <u>HSLS continued investigation and implementation of state-of-the-art technology to streamline technical services operations and improve access to information</u>.

Electronic Data Interchange (EDI) processing is operational with YBP and Ebsco. HSLS is working with Rittenhouse Book Distributors, Inc., our largest book vendor, to develop EDI capabilities. Shelf-ready processing and vendor-supplied cataloging has not proved to be fully satisfactory, though we continue to investigate new and better sources.

An updated version of the Medical Subject Headings (MeSH) thesaurus was loaded into Voyager, the libraries' integrated management system. After clean-up of outstanding problems is complete, HSLS library users will have increased flexibility in searching PittCat using these controlled subject headings.

- <u>HSLS implemented the University of Pittsburgh web-based PRISM AP system for acquisitions, purchasing and interdepartmental charges.</u>

Prism became operational in February 2002.

- <u>HSLS updated serials policy and practices to better address the current needs of HSLS and its users</u>.

Yumin Jiang was appointed Serials and Electronic Resources Librarian in August 2001. Under her direction, the serials unit was re-organized, and processes were reviewed and updated for greater efficiency. Electronic and print serials management is now integrated across all HSLS Libraries. Improved cataloging procedures and delivery strategies for electronic resources have been developed.

- <u>The first phase of the appraisal of the rare book collection was completed</u>.

In Spring 2002, Jeffrey Weber of Jeffrey Weber Books, Inc. conducted an onsite appraisal of approximately half the materials included in the Rare Book Collection. His report identified valuable materials, as well as those in need of repair or restoration. As a result of his recommendations, library staff began a comprehensive inventory and reorganization of the collections, together with a review of security procedures. The Ravitch and Rodnan Rare Book Rooms in Falk Library were closed to the public for the

duration of this project. It is expected that this project will be completed in the coming year.

- <u>HSLS Systems Department updated guidelines for project management and programming procedures on an ongoing basis. Computing infrastructure was upgraded.</u>

A web content management systems was created using the Zope application development environment. Applications such as the e-journals list were ported to the Zope environment.

A test version of the web environment has been set up with web servers residing on Intranet space. In this test, the web server and database servers have been moved to intranet space. The database server has been configured to operate in master-slave mode with a second database server serving as a mirror (slave) of the primary (master) server. Systems is now investigating technologies to serve as the gateway and firewall to the system as well as options to provide fail over and redundancy for the web server.

Systems help desk functions were consolidated around the CMC help desk. Help Desk software was implemented to track help desk activity.

The CMC AV room was converted to computing spaced to support activities of the Medical School's Lab for Educational Technology. New computers with advanced multimedia applications and a Windows 2000 server were set up to support the project.

Several network security and monitoring applications were tested and implemented.

The Linux server OS was tested and implemented. Several production servers, including the web server were moved from Sun OS to Linux OS.

Staff computers were upgraded to Windows 2000 with latest anti-virus software.

Web based calendar software and email viewing software were implemented in the library.

- <u>Staff and public computing resources were improved.</u>

Security on all CMC and public HSL Online computers was updated by setting up PDC to require users to authenticate to all public computers using existing HSL Online accounts.

New HSLS reference terminals with kiosk implementation were deployed.

A wireless classroom is in testing, and available for use by librarians.

Research

- <u>A research project to measure the impact of newly available access to information is in progress</u>

A team of HSLS librarians in collaboration with the Center for Biomedical Informatics is conducting a research project at UPMC Horizon to evaluate the impact of newly available access to information technology over time. Through objective and subjective data collection, the project team is measuring information seeking behavior and attitudes of physicians, residents, and other clinical staff at UPMC Horizon. In January 2002, participants were asked to complete a brief written questionnaire inquiring about how clinicians locate and access relevant knowledge-based information to answer questions related to their teaching and patient care activities. 883 surveys were distributed in January 2002, with follow-up surveys distributed the following month. 385 surveys returned by March 22, 2001 for a 45% response rate. Data is still being analyzed.

In the early part of 2003, a second brief survey asking similar questions will be distributed to those who responded to the first questionnaire to determine whether and how access to HSL Online has impacted information seeking practices.

Facilities Maintenance and Upgrades:

- HSLS established "onsite" closed access journal stacks in compact shelving on the first floor of Scaife Hall.

Room 170 Scaife Hall now holds compact and traditional shelving, and houses a large portion of Falk Library's pre-1975 journal collection. Construction delays have forced postponement of plans to relocate collections currently in closed storage to the University of Pittsburgh Point Breeze facility now under construction.

- The reorganization of the Falk Library journal collection was completed. Systems Department offices were renovated and expanded. Office space for the new Information Specialist in Molecular Biology and Genetics was renovated.

- A plan to review and update keying and other security systems in Falk Library was developed.

New locks for most doors were purchased for installation in late 2002.

Outreach to Public Libraries:

- HSLS completed work on the contract from the National Network of Libraries of Medicine to provide Access to Electronic Consumer Health Information for the Public.

The final report for this project was submitted in Fall 2001.

- HSLS librarians taught "Health Information on the Internet" to participants in the University of Pittsburgh's Center for Lifetime Learning's Third Age Enrichment Learning Community.

    The course provided a framework for identifying and evaluating health information and focused on drug resources, physician locator tools and disease information. It met once a week for three consecutive sessions that began March 26. The Third Age courses are designed for those 55 years of age and older.

- In Spring 2002, HSLS librarians organized and presented a workshop titled "Are You Ready? Bioterrorism Resources for the Librarian".

This provided a medical background and information resources on Bioterrorism topics for more than 30 librarians from medical, academic and public settings throughout Western Pennsylvania.

Training Programs:

- HSLS supervised activities for Andrea Ketchum, Health Sciences Library and Informatics Trainee for 2001-02.

This has been accomplished. One trainee for 2002-03 has been recruited, and another offer is pending.

Staff Development:

- Programs Attended by Staff for Professional Development in FY 2001/2002:

UPMC Continuing Education – Lindberg Lecture & Symposium. June 28, 2002
The Library supported registration and attendance for 17 faculty librarians, 1 staff and 1 Health Sciences Library/Informatics trainee.

Special Libraries Association Annual Conference. June 8 -13, 2002 in
Los Angeles, CA. The Library supported attendance and registration for one faculty librarian (Fedyshin).

MLA Annual Conference. The Library supported registration and attendance at the Medical Library Annual Conference in Dallas, TX May 17-May 23, 2002 for fourteen librarians (Mickelson, Abromitis, Burda, Folb, Fort, Gregg, Hartman, Epstein, Kuller, Ripple, Silverman, Tannery, Worona, Wozar). The Library also supported 1 Health Sciences Library/Informatics trainee (Ketchum). MLA Continuing Education Courses attended include:

> Writing for Peer Reviewed Journals (Gregg, Hartman)
> Navigating CDC Electronic Resources (Wozar)
> Medical Subject Headings (MESH) for Searchers (Abromitis)
> Molecular Biology and Genetics (Kuller, Ketchum)
> Teaching EBM Resources (Folb)
> Health Economics Information: The Quest for Efficiency in Health Care (Ketchum)

2002 VUGM Conference. April 25-27, 2002 in Chicago, IL. Library supported registration and attendance for two faculty librarians (Silverman, Fort).

American Association for the History of Medicine Meeting. April 23 - April 28, 2002 in Kansas City, KS. The Library supported attendance and registration for one faculty librarian (Erlen).

Special Libraries Association Meeting. April 19, 2002 in Independence, OH. The Library supported attendance and registration for one faculty librarian (Burda).

AAMC Group on Information Resources. March 15-18, 2002 in Los Angeles, CA. The Library supported attendance and registration for one faculty librarian (Epstein).

Fourth Annual Southern Association for the History of Medicine and Science Conference. February 22 - 24, 2002 in New Orleans, LA. Library supported registration and attendance for one faculty librarian (Erlen).

MLA Satellite Teleconference "Sink or Swim: Managing the Flood of PDAs in Health Care" held on February 6, 2002. Eleven faculty librarians attended.

Special Libraries Association Winter Meeting. January 23-27, 2002 in Chicago, IL. The Library supported attendance and registration for one faculty librarian (Hartman).

American Library Association Midwinter Conference. January 17-21, 2002 in New Orleans, LA. Library supported registration and attendance for two faculty librarians (Silverman and Jiang).

Bioterrorism Resources for Librarians Meeting December 4-5, 2001 in Princeton, NJ. (New Jersey Hospital Association and Middle Atlantic Region, National Network of Libraries of Medicine). The Library supported attendance and registration for one faculty librarian (Folb).

Pittsburgh Chapter, Medical Library Association Annual Meeting. November 19, 2001. Library supported registration and attendance for nine faculty librarians (Epstein, Ripple, Kuller, Hartman, Tannery, Fedyshin, Bandemer, Burda, Folb). MLA Continuing Education Course attended: Consumer Health Resources (Folb, Kuller, Hartman, Tannery).

"Shaping ILL/DD" Conference at the University of Michigan. November 8 – 9, 2001. The Library supported registration for one faculty librarian (Ripple).

American Library Association ILL Meeting. November 7 - 9, 2001 in Detroit, MI. Library supported registration and attendance for one faculty librarian (Ripple).

University of Michigan Online Career Fair.   November 5-19. 2001. The Library supported registration for one faculty librarian (Tannery).

AMIA Annual Symposium. November 3 - 7, 2001 in Washington, DC. Library supported registration and attendance for three faculty librarians (Bergen, Worona and Friedman). Lexical Tools for UMLS Developers attended by one librarian (Friedman).

Association of Academic Health Sciences Libraries mentoring workshop held in Washington, DC on November 3, 2001. The Library supported attendance and registration for two faculty librarians (Mickelson, Epstein).

AAMC Meeting. November 2-7, 2001 in Washington, DC. The Library supported attendance and registration for two faculty librarians (Mickelson, Epstein).

Association of Mental Health Librarians Annual Meeting. October 12 - 14, 2001 in Tampa, FL. Library supported attendance and registration for two faculty librarians (Folb, Saghafi).

Beginners Barrier-free Web Design online course. The Library supported registration for one faculty librarian (Hartman).

PALINET Educational Program Workshop – Providing Library Services in the Electronic Age. September 24, 2001. The Library supported attendance and registration for two faculty librarians (Ripple, Jiang).

Association of Research Libraries 4th Northumbria International Conference. August 12 – 16, 2001 in Pittsburgh, PA. The Library supported attendance and registration for 4 faculty librarians (Epstein, Ripple, Silverman, Tannery).

19th Annual International Nursing & Computer Technology Conference. July 12 –16, 2001 in Denver CO. The Library supported attendance and registration for one faculty librarian (Wozar).

Evidence Based Medicine and the Medical Librarian online course. June 11- August 3, 2001. The Library supported registration for one faculty librarian (Wozar).

- Staff Publications

Tannery NT, Silverman DL, Epstein BA. Online use statistics. Medical Reference Services Quarterly, 2002 Spring;21(1):25-33.

Abromitis RA, Epstein BA (eds). Proceedings of the Association of Mental Health Librarians 35th Annual Meeting, September 22-24, 2000, University of Pittsburgh, Pennsylvania. Behavioral & Social Sciences Librarian, 2001 20(1):97-110.

Erlen J, Torbenson BC, Torbenson MS. Lash's bitters: from the bathroom to the barroom. Pharmacy in History 43(1): 14-22, 2001

Erlen J. Time to Heal: American Medical Education from the Turn of the Century to the Era of Managed Care (review) The Filson History Quarterly, 2001 (75): 404-407.

Erlen J. Recent dissertations in the history of medicine. Journal of the History of Medicine and Allied Sciences, 2001 (56): 411-414; 2002 57 (1): 86-89.

Erlen J, Fryer-Edwards K. A tour of dissertations. ASBH Exchange, 2002 5(1): 11,

Erlen J. New dissertations. Nursing History Review, 10: 211-216, 2002;

Erlen J. History of medicine's hidden treasures. The Watermark, 25(2): 22-23, 2002.

Erlen J. (contributor) Bibliography: Relations of science to literature and the arts 1999. Configurations 9 (2): 253-378, 2001

Erlen J. William Osler: A Life in Medicine (review) Journal of the History of the Neurosciences, 10 (2): 224-226, 2001.

Erlen J. List of dissertations in ancient medicine 1999-2000. <u>Society for Ancient Medicine Newsletter</u>, 2002: 6-70.

- <u>Staff Presentations</u>

HSLS Participation at the Medical Library Association (MLA) Conference, Dallas, TX, May 17-23, 2002

> <u>Contributed Papers</u>

> Barbara Epstein, Malgorzata Fort, and Deb Silverman: Dust or diamonds: appraising a history of medicine collection.

> Amy L. Gregg and Jody A.Wozar: Delivering Internet health resources to an underserved healthcare profession: school nurses.

> Deb Silverman, Malgorzata Fort, and Tamar Smith: PITTCat for the Consumer: designing an OPAC for a distinct community.

> <u>Meeting Symposium</u>

> Barbara Epstein served as moderator for a panel discussion on Leadership Development Programs and Initiatives, presented during a daylong symposium titled "Leadership Reconsidered: Developing a Strategic Agenda for Leadership in Health Sciences Libraries." Patricia Mickelson participated on the panel and presented information about initiatives of the Association of Academic Health Sciences Libraries in this area.

> <u>Poster Presentations</u>

> Rebecca A. Abromitis and Barbara A. Epstein: The evolution of a library newsletter.

> Linda M. Hartman and Ammon S. Ripple: High school students in the health sciences library.

> Alice Kuller: Liaison service to the Institutional Animal Care and Use Committee.

> Jody A. Wozar, Nancy H. Tannery, Philip L. Bergen, and Paul C. Worona: Website management: new administrative and technical resources to support content management (electronic poster).

> Ammon S. Ripple: New technologies for document delivery.

Jonathon Erlen gave the commencement address, "The changing image of the American physician," to the graduating residents at St. Elizabeth Health Center, Youngstown, OH on June 16, 2002

Jody Wozar presented "Usage of Online Medical Information Resources by Nurses: A Pilot Study" at the 19th Annual International Nursing Computer and Technology Conference in Denver, Colorado on July 14, 2001.

On August 9, 2001, Charles B. Wessel, presented his class "Complementary and alternative medicine (CAM): information resources for choices in healing" at St. Luke's Hospital, Bethlehem, Pennsylvania for the Cooperating Hospital Libraries of the Lehigh Valley.

On September 28, 2001, Charles B. Wessel presented his workshop "Complementary and Alternative Medicine (CAM): Information Resources for Choices in Healing" in Buffalo, New York. The Hospital Library Services Program of the Western New York Library Resources Council and the Upstate New York/Ontario Chapter of the Medical Library Association sponsored the presentation.

Jonathon Erlen, gave a talk to the Southern Association for the History of Medicine and Science on February 21, 2002 in New Orleans entitled: "The Tuskegee Syphilis Study: Myths and Realities."

Jill Foust presented "Getting Started with Internet Search Engines" on March 21 at the 2002 Nursing Horizons Conference, held at the Pittsburgh Marriott City Center Hotel.

Deb Silverman and Malgorzata Fort presented "Distinct community, distinctive OPAC: PITTCat for the consumer" at the 2002 Voyager Users' Group Meeting, Des Plaines, Illinois, April 2002.

Jonathon Erlen presented "Syphilis: Osler, Tuskegee, and AIDS" at the annual meeting of the American Osler Society, in Kansas City, Missouri on April 25. With Pat Gallagher, he presented "Unlocking the promise of the Internet: a sampling of history of medicine Web sites" at the annual meeting of the American Association for the History of Medicine in Kansas City, Missouri on April 26, 2002. Dr. Erlen also participated in the Exploring Boundaries: the Synergy of Faith, Health, & Community conference held on May 10, 2002 at the Pittsburgh Theological Seminary. His talk was titled "Major themes and figures in the historical relationship of medicine and religion.

- HSLS Staff Development Committee programs:

The Staff Development Committee, composed of librarians and staff members from a variety of HSLS libraries and departments, sponsored 15 programs for a total of 263 attendees/participants. Topics ranged from lunchtime lectures on history of medical sects, ancient coins, or rare books in the HSLS collection, to a travelogue on Poland, to lunch-at-the-movies with videotapes from HSLS libraries. Other activities included attending Librarian's Night at the Pittsburgh Symphony Orchestra, Kennywood Day, and a Pittsburgh Pirates baseball game, as well as organized participation in the Komen Foundation's Lee Denim Day, United Way Day of Caring, and Race for the Cure. One of the more popular events was a Name the Baby Photo Contest, wherein participants tried to match current staff members with their baby pictures.