HSLS *Update*

IN THIS ISSUE

VOYAGER: PITTCAT'S NEW LOOK

by Deb Silverman

The Health Sciences Library System, along with the other libraries on the University of Pittsburgh campuses, has completed an ambitious project to update the libraries' integrated library system. After 12 years of using the NOTIS system to drive PITTCat, the libraries' on-line public access catalog, the University of Pittsburgh has implemented the **Voyager** system from Endeavor Information Services, Inc. of Des Plaines, IL.

The conversion from NOTIS to Voyager involved migrating approximately 4 million bibliographic records, 50,000 patron records, and 30,000 active order records for new materials for the eight independent libraries and library systems across the Pitt campuses. The migration was customized specifically for Pitt to address needs other libraries may not share. As part of that customization, HSLS collaborated with programming staff at Endeavor to merge and de-duplicate two distinct bibliographic files in order to create a single comprehensive file for the Health Sciences Library System. Prior to customization, the holdings for WPIC Library were displayed separately from the rest of HSLS. With the completion of the project, a single screen display now indicates all holdings regardless of shelf location within the HSLS. HSLS libraries include Falk Library of the Health Sciences, Western Psychiatric Institute and Clinic Library and the Nursing Learning Resource Center.

HSL ONLINE EXPANDS

The Health Sciences Library System is pleased to introduce two new services available through HSL Online: **ScienceDirect** and **Journal Citation Reports on the Web (JCR Web)**.

ScienceDirect is a Web database for scientific research that contains the full text of hundreds of Elsevier Science journals in the life, physical, medical, technical, and social sciences. In addition, ScienceDirect contains abstracts from other publishers' core journals in the major scientific disciplines.

JCR Web, the only source of citation data about journals, provides easy access to data that helps you evaluate and compare scholarly journals. It includes all specialties in the areas of science, technology, and the social sciences.

SCIENCE @ DIRECT

ScienceDirect currently offers desktop access to more than 1,040 full-text journals published in the scientific, technical and medical and social science fields. The HSLS subscription to Science Direct provides unlimited online use of more than 500 of the full-text journals, plus access to tables of contents and abstracts for all 2,300 journals in the database, including non-subscribed journals.

ScienceDirect allows users to browse journals alphabetically by title, subject area or publisher. Abstracts and tables of contents are available for the 2,300 journals that comprise the most frequently cited group of journals in the fields of science, technology and medicine. The 500 subscribed full-text journals are available from 1996 to the

HSLS Supports Medical Curriculum

In addition to providing traditional and electronic library services, Librarians from the Health Sciences Library System contribute to the teaching mission of the six schools of the health sciences. The School of Medicine's **"Introduction to Being a Physician"** and **"Community and Ambulatory Medicine"** courses are two of the many collaborative projects in which Librarians support the medical curriculum.

Since 1992, HSLS Librarians have worked in conjunction with case directors to support the School of Medicine's "Introduction to Being a Physician" course. The intense two-week course, held each August, is required for first year medical students, and serves to introduce the students to typical problems in modern medicine that exemplify the theme of the patient / doctor relationship. Cases include the topics of: cystic fibrosis as a chronic disease beginning in childhood; geriatric medicine; breast cancer as a model for understanding cancer risk, natural history and therapy; public health and community-based medicine; and HIV/AIDS and continuity of primary care in a chronic illness.

HSLS Librarians Jill Foust, Amy Gregg, Alice Kuller, Nancy Tannery and Charles B. Wessel worked with the case directors to select quality resource articles, Web sites and other materials to support the case studies. This year, Librarians created a Web-based resource guide for each case to provide direct links to full-text articles, Web resources and direct access to selected materials on HSL Online. The resource guides for the "Introduction to Being a Physician" course are available at <http://www.hsls.pitt.edu/curric/pbl/>.

HSLS Librarians also have been working in collaboration with the School of Medicine to integrate computer accessible medical information and HSL Online resources into the clinical care of patients by students and community-based faculty (preceptors). Specifically, HSLS Librarians Jill Foust, Amy Gregg, Linda Hartman, Alice Kuller and Nancy Tannery have generated Web resource topics for a course in "Community and Ambulatory Medicine." Using the curriculum developed by the faculty in this third year medical student course, 22 resource topics were compiled in areas such as geriatrics, smoking and reproductive health. Each Web-based topic links directly to relevant full text articles, chapters in Harrison's Online, and pertinent Web sites. When applicable, links to a librarian-constructed Evidence Based Medicine search in Medline are provided. Each resource topic also links to curriculum training problems that are based on the "Core Medicine Clerkship Curriculum Guide," a cooperative project of the Society of General Internal Medicine and the Clerkship Directors in Internal Medicine. The project enables students to access value-added library resources from their community-based settings via computers.

The Web site for the Resource Topics in Community and Ambulatory Medicine Clerkship can be viewed at <http://www.hsls.pitt.edu/curric/camc>.

Nursing Library & LRC News

Effective August 1, 1999, HSLS expanded reference service and staffing in the Nursing Library and Learning Resources Center. The growth of HSL Online resources relevant to nursing faculty and students, and the introduction of the Voyager library management system make this an appropriate time to enhance reference services at Nursing.

The Nursing Library and Learning Resources Center is located in Room 239 Victoria Building. The collection includes books, journals, instructional videotapes, cassettes, computer assisted instruction, interactive video and slides for nursing education. The collection of books, journals and HSL Online resources are supported by the Health Sciences Library System, and the number of resources continue to expand. More than 40 full-text nursing journals are available electronically through HSL Online including AORN Journal, Journal of Clinical Nursing, Nurse Researcher, Nursing Management, and RN. Databases provided through HSL Online that are of prime importance for the School of Nursing include CINAHL (Cumulative Index to Nursing and Allied Health Literature), MEDLINE, CancerLit, Health & Psychosocial Instruments and PsycINFO. Additional electronic tools useful for nursing studies include MICROMEDEX, Science Direct, Web of Science, and the Electronic Textbooks.

Janet Mathers, MLS, HSLS Reference Librarian, is now located full-time in the Nursing Library. She will provide reference services to nursing faculty and students, as well as user education and collection development. Janet has served as reference liaison to the Nursing School for several years. Joanne Sowa, who has served the nursing faculty and staff for many years, will continue to provide support in daily library operations and to provide reference assistance with Janet.

Peter Draus is Director of the LRC facilities that include a nursing skills lab, computer lab, A/V screening rooms and media production lab. The LRC also coordinates audiovisual and computer support services for the three lecture halls and classrooms in the Victoria Building.

For more information about nursing resources, ask at the Nursing Library and Learning Resources Center Information Desk, or call 624-2419.

FALK LIBRARY: 50 YEARS OF PROGRESS, 1949-1999

This year marks the 50th anniversary of the initial gift from the Falk Foundation toward the establishment of a medical library at the University of Pittsburgh. A virtual exhibit that traces a half-century of excellence in providing library services is available at <http://www.hsls.pitt.edu/library/history/>.

Since the inception of the Library, the Falk family foundations have given generously to support construction of library facilities and maintenance of the History of Medicine Collection. An initial gift from the Maurice and Laura Falk Foundation in 1949, and a second gift in 1954, provided the funds to construct a medical library in the proposed new School of Health Professions building. In 1956, the School of Health Professions building opened, bringing together in one facility the University of Pittsburgh schools of Medicine, Nursing, Dentistry and Pharmacy.

named the first Library Director in 1957, and served until his death in 1975. During his tenure, the international reputation of the Falk Library grew. Dr. Reynolds served as a library consultant for the Rockefeller Foundation and the Asia Foundation and helped to establish medical libraries in Nigeria and Thailand. Under Dr. Reynolds' direction, the Falk Library began to offer mediated database searching in 1970. Also during his tenure, a new History of Medicine Room was created with a grant from the Maurice Falk Medical Fund in 1972. An additional Falk Medical Fund grant in 1974 established the F. Sargent Cheever Historical Library Fund. Honoring Dr. Cheever, retired Vice Chancellor for the Health Professions, the fund is used for restoration, preservation, improvement and acquisitions of the Falk Library historical collection.

Since 1986, under the leadership of Patricia Mickelson, the Library has continued to develop innovative information services while maintaining its strong traditional collections. Falk Library is the flagship library of the Health Sciences Library System (HSLS), which was created in 1995 to initially encompass the Falk Library; Western Psychiatric Institute and Clinic Library; Blair-Lippincott Library (Eye and Ear Institute); Bergman Medical Library (Montefiore University Hospital); and the Nursing Library. The Falk Library collections, staffing and budget place it among the top 15 academic health sciences libraries in the United States. The Library's holdings include more than 300,000 print volumes, 2,000 journal titles, and several special history of medicine collections.

Both within and beyond its walls, Falk Library has enlisted technology to expand and facilitate users' access to biomedical information. Automation of library processes began in 1987 with the introduction of PittCat, the University's online catalog. This summer PittCat was updated with Voyager software. (see article, p. 1,4). HSL Online, an Internet gateway introduced in 1996, brings dozens of databases and more than 500 full-text electronic journals to the desktop. Database search results that took from two to six weeks to arrive by mail in 1970 are now available in a matter of seconds. Within the library, patrons can extend their productivity by using the Computer and Media Center's more than 100 networked computers and extensive software holdings. A comprehensive user-training program includes a variety of courses and three classrooms equipped for hands-on computer-based instruction.

Since the inception of the Library, the Falk family foundations have given generously to support construction of library facilities and maintenance of the History of Medicine Collection.

Photo courtesy of University of Pittsburgh Archives
Maurice and Laura Falk Library of the Health Professions in 1957

The following year, in 1957, the Maurice and Laura Falk Library of the Health Professions opened its doors on two floors of the new building, housing 800 journal subscriptions and 89,000 bound monographs, reference works and periodicals. In 1960, the name of the building housing the Falk Library was changed to "Alan Magee Scaife Hall of the Health Professions," in recognition of Mr. Scaife's fund-raising efforts for the University of Pittsburgh.

Three Directors have provided leadership and vision for the Falk Library during the past half-century. Dr. Carroll F. Reynolds was

In 1975 Laurabelle Eakin was named Director and served until her retirement in 1985, and June Bandemer served as Acting Director from 1985-1986. During Ms. Eakin's tenure, the designation of the health areas was changed from health "professions" to health "sciences." In turn, the formal name of the library became "The Maurice and Laura Falk Library of the Health Sciences." In 1985 the Rodnan Rare Book Room was dedicated in honor of Gerald P. Rodnan, MD (1927-1983). His lifelong collection of medical books was donated to the Falk Library, and consists of about 750 volumes, many of which were published between 1522 and 1800.

In 1998, the newly expanded Falk Library was rededicated. The expanded space, located on the second floor of Scaife Hall, includes a new entrance, a relocated circulation desk, study-reading areas and meeting rooms. The Maurice Falk Medical Fund provided a grant of $125,000 toward the renovation, which added 6,000 square feet of space.

Since its inception in 1949, the Maurice and Laura Falk Library of the Health Sciences continues to serve the information needs of Pitt's six schools of the health sciences and the UPMC Health System.

VOYAGER: PITTCAT'S NEW LOOK.......*continued from page 1*

Pitt's Voyager system is a shared system used by all of the libraries at the five University of Pittsburgh campuses and the Semester-at-Sea program. By sharing one system the libraries can provide users with a single point of access to all materials in all the libraries. With the Voyager system, users can also limit their searches to a particular library or selection of libraries, giving them the immediacy of localized service as well. Within the HSLS libraries, PITTCat Express terminals will automatically limit searches to HSLS holdings, for rapid response and local citation printing. The express feature can be turned off, to allow full system searching. Full service devices are also available for users who require the full range of access.

The Voyager system offers many advantages over the old NOTIS system, for both the libraries and users. Voyager's underlying architecture is client/server, which provides computing that is more efficiently divided between the client (the local PC) and the server. For staff, local client software can be customized for greatest efficiency and local needs. For users, this means flexible access to a robust, dependable

database that translates into enhanced access to library materials and services. Voyager allows simple and advanced keyword searching, traditional left-anchored searching and sophisticated search limits to allow the user to manage their output as needed. By allowing users to access their own patron records, they can view and manage their own use of library materials.

Especially important is Voyager's ability to integrate with other systems, allowing users to move between the local library system and other electronic services the libraries may offer. PITTCat records for electronic resources contain links to allow direct access to those resources from the catalog. Links into PITTCat are also possible, so that users will soon be able to go from services such as Ovid and Web of Science to the full array of electronic and print resources available in the Pitt libraries.

PITTCat is available at <http://www.pittcat.pitt.edu>. Questions or comments can be sent to the HSLS webmaster at falkweb+@pitt.edu

HSLS EDUCATIONAL OPPORTUNITIES

The Health Sciences Library System offers a variety of classes to University of Pittsburgh schools of the health sciences and UPMC Health System faculty, staff and students. The classes cover a range of topics, including resources at HSLS, database searching, multimedia development, biblio-graphic management, and health resources on the Internet. Several classes offer AMA Category 2 Continuing Medical Education (CME) credit. Class schedules and descriptions are available in the Falk, WPIC and Nursing Libraries, and at <http://www.hsls.pitt.edu/classes/index.html>.

Among the eighteen HSLS classes that will be offered during October - December, three new classes have been added to the class schedule. They are: **Nursing Resources on the WWW** (October 14, 9:30-11:00 AM); **PageMaker** (October 27, 1:00-3:00 PM); and **Medical Humanities Resources on the Web** (October 28, 10:00-11:30 AM). Classes are free of charge and no registration is required. Classes are held in the Falk Library Computer and Media Center (CMC) and seating is on a first-come, first-served basis.

Specialized classes are also available to departments or to faculty of the Health Sciences who wish to include information management or information-seeking skills in their courses. Specialized tours and classes may be arranged by contacting the reference desks at Falk Library (648-8796), WPIC Library (624-1919) or the Nursing Library (624-2419).

HSLS SUPPORTS "UPMC PALERMO"

A pilot project on an international scale was initiated in August between the Health Sciences Library System and the Istituto Mediterraneo per I Trapianti e Terapie Alta Specializzazione (IsMeTT). IsMeTT, also known in the local press as "UPMC Palermo," is a cooperative effort of the UPMC Health System, the Region of Sicily, the City of Palermo and the Italian Ministry of Health. It is intended to fill a need for multi-organ transplants on the island of Sicily. Due to the extensive positive publicity generated in Italy, public awareness of the need for organ transplant donors has increased dramatically.

HSLS is supporting the biomedical information needs of IsMeTT by providing access to a variety of HSL Online databases, including Micromedex, Stat!Ref, PubMed and Pittcat. Access to the drug interaction database contained in Micromedex will help to ensure high standards for clinical outcomes in transplant patients who use a number of medications simultaneously. Stat!Ref provides more than 30 Web-based medical textbooks, and PubMed allows users to search Medline free of charge through the U.S. National Library of Medicine. Access to PittCat, the online catalog of books and journals at University of Pittsburgh libraries, is also available to IsMeTT staff.

The Health Sciences Library System is pleased to be part of this exciting international project by providing clinical reference support to UPMC Palermo via the Internet.

HSL ONLINE EXPANDS: SCIENCE DIRECT & JCR WEB....*continued from page 1*

present, in three formats. The SummaryPlus format includes the title, author names, abstract, "thumbnail" images of figures that link to the full-sized image, links to tables, and table and figure captions. This format also shows the article outline and references, which contain links to the cited articles, if available. Articles format includes the full text of the published article, in addition to the features described for the SummaryPlus format. Journal Format PDF provides the article exactly as it appears in the journal. Basic and Enhanced Searching is available. The Basic Search form prompts you to enter search terms and select menu options, while the Enhanced Search provides the flexibility of using Boolean syntax.

Although a password is not needed to search ScienceDirect through the HSL Online "group-wide login," there are three optional features of the database that require users to create a personal profile and choose a password. A password is needed in order to save search queries for later use, to create a Personal Journal List of your most frequently used journals, or to set up an Alert. An Alert automatically informs you via e-mail when new articles of interest are added to ScienceDirect, and can be scheduled to run daily or weekly.

To enhance seamless searching, the HSLS cataloging staff is currently adding all subscribed health sciences-related ScienceDirect journal titles to Pittcat, the library's online catalog. This will allow researchers to link directly from the Pittcat screen to the ScienceDirect table of contents, abstracts, and full text. With the recent addition of the ScienceDirect journals, the total number of electronic journals available through HSL Online currently stands at more than 500.

ScienceDirect is available by IP access for all of the University (including the modem pool) and all of the Oakland UPMC sites at <http://www.sciencedirect.com/>. Click on the group-wide login to gain access to the database. No password is required.

Journal Citation Reports on the Web

JCR Web (Journal Citation Reports on the Web) is a comprehensive and unique resource tool for journal evaluation, using citation data drawn from over 8,400 scholarly and technical journals worldwide. Specifically, this database provides information that allows researchers to evaluate and compare scholarly journals by searching the impact factor, citation and article counts, or immediacy index, among others. Coverage is both multidisciplinary and international, and incorporates journals from over 3,000 publishers in 60 nations.

JCR Web is available annually in two editions. The Science Edition contains data from about 5,000 journals in the areas of science and technology, and the Social Sciences Edition contains data from about 1,500 journals in the social sciences.

Researchers may search JCR Web to locate information about the highest impact journals, most frequently used journals, the "hottest" journals, and the largest journals. Impact Factor allows you to see which journals received the highest average citations per recent article. Citation and Article Counts can be used to compare and evaluate journals based on how often a particular journal is used. The Immediacy Index is useful for finding the "hottest" journals—those in which current articles are quickly cited. Searching by "largest" journal provides data about which journals published the greatest number of articles in the current data year.

JCR can be accessed through HSL Online at <http://www.online.hsls.pitt.edu/> from any computer within the IP address ranges for the University of Pittsburgh or UPMC Health System. If your Internet connection is being made through another Internet Service Provider (ISP), JCR will not be accessible.

DIRECT NETWORK ACCESS TO HSL ONLINE AVAILABLE FOR 8 UPMC HOSPITALS

HSL Online is available by direct network access to the following UPMC Health System hospitals: Beaver Valley, Braddock, McKeesport, Passavant, Rehabilitation, St. Margaret, Shadyside, and South Side.

Computers directly linked to the UPMC network do not require a password. Immediate access to MEDLINE and other biomedical databases, drug information, full-text journal articles, and major textbooks is available.

Contact the librarians/personnel listed for information about access to HSL Online. For additional information contact Charlie Wessel, HSLS Coordinator for Affiliated Hospital Services, at 412-648-8730 or cbw+@pitt.edu.

Beaver Valley	Jackie Robison	724-857-1556	robisonjr@msx.upmc.edu
	Connie Moore	724-857-1228	moorec2@msx.upmc.edu
Braddock	Ruth Shapiro	412-636-5030	shapirort@msx.upmc.edu
McKeesport	Karen Zundel	412-664-2363	zundelkm@msx.upmc.edu
Passavant	Peggy Trevanion	412-367-6320	trevanionmu@ph.upmc.edu
Rehabilitation	Nancy Spears	412-420-2247	nsp@the-institute.org
St. Margaret	Michelle Burda	412-784-4121	burdaml@msx.upmc.edu
Shadyside	Lindy Fetkovich	412-623-2441	fetkovichmm@msx.upmc.edu
South Side	Marcia Tongel	412-488-5683	tongelma@msx.upmc.edu
	Georgia Gray	412-488-5680	grayg@msx.upmc.edu

IAIMS DEMO ROOM OPENS IN CMC

by Fran Yarger

An IAIMS Demonstration Room opened this month in the Falk Library Computer and Media Center (CMC). The need for a place to showcase IAIMS initiatives became evident following the success of the CMC's computer demonstrations during the recent joint meeting of the AAMC Group on Information Resources and the IAIMS Consortium. The Room provides space for demonstrations, content creation, small group lectures and meetings. Based on a dual operating system of Windows 98 and Windows NT, the six Pentium III computers provide up-to-the-minute technology for displaying IAIMS initiatives. With a G3 Macintosh providing computing diversity and 21 inch Trinitron monitors rounding out the hardware specifications, the Demonstration Room is prepared to showcase computer-based technology. All computers are networked and provide Internet access.

The Demonstration Room also provides media-production software. Real Producer G2 is available for creating Web-based streaming audio files. Both Macintosh and Windows based media programs such as Adobe Premiere 5.1 are available for the creation of video content in QuickTime, AVI or Real Video formats. Saving the newly produced content is easy with ZIP250 and two CD-Writable drives. In addition, a QuickCam VC is also available. Optimized for video conferencing, this package includes H.323 compliant Microsoft NetMeeting.

For information about scheduling the Demo Room, please contact CMC Supervisor Fran Yarger at yarger+@pitt.edu or 648-8955.

PROXY SERVER TO ENHANCE HSL ONLINE

HSL Online is available to the University of Pittsburgh and UPMC* library users. However, certain HSL Online resources, such as MD Consult, are currently accessible *only* from a computer attached to the Pitt or UPMC computer networks.

One option that permits access to such resources from home or office is to dial into the Pitt modem pool with your Pitt computer account. Information on how to dial into "PittNet" is available at <http://www.pitt.edu/~document/html.html#remote>. In addition, the Computing & Information Services (CIS) help desk is available at <http://info.pitt.edu/~helpdesk/>, or call 412-624-HELP (4357).

A second option is in the works. HSLS is in the process of bringing up a proxy server for access to those HSL Online resources, such as MD Consult, that are currently accessible only from within the Pitt or UPMC Internet Protocol (IP) ranges. When operational, the proxy server will allow you to log in from the Internet on any computer using your HSL Online password. This service should be available before the end of the year. Watch the HSLS home page at <http://www.hsls.pitt.edu> for information about the availability of the proxy server.

Other HSL Online resources, such as the OVID databases (MEDLINE, Cancerlit, AIDSLine, PsycINFO, and about 200 full-text electronic journals), are available by *password* from any computer, even those that are not within the Pitt or UPMC IP range. Eligible library users affiliated with the six schools of the health sciences or UPMC may register for an HSL Online password in the Falk Library Computer and Media Center during regular CMC hours. A Pitt or UPMC ID is required at the time of application.

*All resources are not available in all locations

HSLS STAFF NEWS

Publications

Patricia Mickelson, HSLS Director, "Leadership Q & A" (column). *Association of American Medical Colleges Reporter* 8 (9): 7, June 1999.

Staff News

Phillip Bergen, is the new Electronic Access Librarian for the HSLS. Phil is responsible for working on all aspects of providing access to electronic library resources. He recently completed a Health Sciences Library Informatics Traineeship at HSLS and the Center for Biomedical Informatics. Phil was previously Information Services Librarian in the Health Sciences libraries at the University of Wisconsin-Madison.

Sean King has transferred to the new position of Order Specialist in the Acquisitions area of Technical Services. He has worked for the HSLS since 1993 in a number of positions, most recently as Bindery Specialist. Sean is pursuing an MA in anthropology at Pitt.

Amber Knopic is the new Library Specialist II in charge of photocopy and interlibrary loan services for the WPIC Library. Amber is a graduate of Indiana University of Pennsylvania with a BA degree in English, and is currently enrolled in the MLIS program at Pitt.

Dennis Miller rejoins the Health Sciences Library System as a temporary Copy Cataloger.

Reed Williams and Jody Wozar have been selected as the 1999-2000 Health Sciences Library and Informatics Trainees. The program is a year-long educational opportunity for individuals who have earned a Master of Library Science degree, and who have special interests or experience in health sciences librarianship and medical informatics. The goal of the training program is to prepare librarians for leadership roles in managing libraries and information systems in complex health care settings. Reed earned her MSLS and BA degree in English from the University of North Carolina at Chapel Hill and an AAS in Respiratory Care from Durham Technical Community College. She most recently worked as a staff librarian at the Carnegie Library of Pittsburgh. Jody received her MLIS degree from the University of Pittsburgh in August. She earned a BS degree in Nursing from Pitt and worked for several years as a clinical nurse in the UPMC Health System.

Farewell and best wishes to departing HSLS staff member **Robin Kear**, Interlibrary Loan.

ANNOUNCING INTEGRATED MEDICAL CURRICULUM (IMC) ON THE NET

The HSLS Computer and Media Center is pleased to announce the availability of the Internet-based **Integrated Medical Curriculum** (IMC). IMC is the first product ever to link together on one Internet site the study of anatomy, physiology, histology, immunology, medical ethics, and pharmacology. Based on Gold Standard Multimedia's renowned medical education CD-ROM products, IMC allows access to this unique core collection of materials at no charge. The IMC programs reach beyond the first two years of study and are used by third and fourth year medical students, residents, practicing physicians, and in other health-related fields, such as dentistry, optometry, nursing, chiropractic, and sports medicine programs. The knowledge base includes:

■ *Human Anatomy*

An electronic collection of cadaver images, used to simulate a laboratory cadaver dissection. Contains over 6,000 color photos of the human body in various stages of dissection, along with hundreds of hand-drawn illustrations, photos from models and skeletons, and detailed text describing each step. Over 4,700 multiple choice test questions are available for practice.

■ *Cross Sectional Anatomy*

Allows the Visible Human Male data from the National Library of Medicine to be used as a teaching and reference source. All 1,878 transverse cross-sections are displayed along with the ability to probe each cross-section for the correct anatomical structure that is present at any given point. Over 1,400 anatomical structures are identified throughout.

■ *Radiologic Anatomy*

A presentation of the fundamentals of normal anatomy as seen on plain film, CT, MRI, fluoroscopy, and many specialty films. Hundreds of abnormal films and gross anatomical images supplement normal radiographs.

■ *Essentials of Human Physiology*

Provides a complete, easy-to-use, up-to-date survey of the basic principles of human physiology and functional anatomy. Combines descriptive text, full-color graphics and animations, clinical problems, full motion video, audio, and a self-testing question bank into the first fully integrated human physiology program.

■ *Microscopic Anatomy*

An interactive cellular anatomy tutorial modeled after medical school classroom exercises. Contains over 1,200 digitized histologic slides and electron micrographs, and over 1,750 multiple choice test questions.

■ *Essentials of Immunology*

Presents basic knowledge of how host defenses operate in protective and, sometimes, destructive ways. Complete listing of known immune deficiencies with clinical presentations, genetic defects (if known), and current therapies.

■ *The Doctor's Dilemma*

An interactive medical ethics program allowing individual exploration of complex and controversial issues found in contemporary medical practice. The AMA Code of Ethics, ACP Ethics Manual, and state laws are referenced throughout.

■ *Clinical Pharmacology*

A revolutionary electronic drug reference combining traditional drug information with the power of the Internet. Covers all U.S. medications including off-label uses and dosages, hundreds of investigational drugs, and information on herbal and nutritional products.

Integrated Medical Curriculum is available at <http://www.imc.gsm.com>. First time users will be prompted to register and to select a user name and password for future login. Please contact Fran Yarger, CMC Supervisor at 648-8955 or yarger+@pitt.edu with questions about IMC, including how to integrate ICM into the classroom.

Harnessing the Power:
Information Tools in Molecular Biology and Genetics

October 5 & 6, 1999

A 2-day technology conference
on molecular biology and genetics with programs
of interest to both information
professionals and scientists.

Http://www.hsls.pitt.edu/genetic/

(412) 648-8955

MOLECULAR BIOLOGY & GENETICS WORKSHOP OFFERED OCTOBER 6

On October 6, 1999, the University of Pittsburgh will host a workshop titled "Harnessing the Power: Information Tools in Molecular Biology and Genetics." The University of Pittsburgh's Health Sciences Library System and the Department of Human Genetics of the Graduate School of Public Health are joint sponsors for this event. It has been designated as a Technology Conference of the Middle Atlantic Region of the National Network of Libraries of Medicine.

The full day program will be of interest to bench scientists, researchers, students, clinicians and information specialists. The morning program will be a half-day course for scientists titled "A Field Guide to GenBank and NCBI Resources." Sponsored by the National Center for Biotechnology Information (NCBI) of the National Library of Medicine, this course provides an overview of four domains of information available at the NCBI: nucleotide sequences, protein sequences, genome maps, and three-dimensional structures. It also provides an introduction to the Entrez and BLAST search tools as well as an overview of specialized mapping, analytical and database resources.

The afternoon program includes presentations, vendor exhibits, and hands-on sessions in which participants can use the databases and search tools discussed, and learn more about resources and concepts relevant to their research. Members of the Department of Human Genetics will present brief overviews of some tools useful for lab-oriented data management and statistical analysis, as well as issues to consider in choosing software.

For registration and full information, check the conference web site at <http://www.hsls.pitt.edu/genetic/>.

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