HSLS *Update*

IN THIS ISSUE

HSLS Now Accepts Credit Cards

In response to many requests from our users, the Health Sciences Library System now accepts credit cards as payment for library services. You may use your MasterCard, Visa, Discover, or American Express cards to pay for document delivery charges, VendaCards, lost book fees, or any other library fees.

You can pay by credit card in four ways:

- *In person* – at the Falk or WPIC library circulation desks
- *By mail* – our invoices will now have a credit card payment option
- *By phone* – you can call in your card information to 412-648-9298
- *By placing your card number on file* – check that option on request forms.

To help prevent fraudulent use of your credit card number, we will not accept complete card information on document delivery or VendaCard request forms. You can request a monthly invoice, and include your card information when you return it. If you don't want to send back the invoice, you can choose to keep your card information on file with us, and request on the form that we charge any service fees to that card. In this case, we will send you the paid invoice, along with your credit card receipt every month for your records. To arrange for this, call Dorothy Lubert, HSLS Financial Specialist, at 412-648-9298. If you do not want to wait for a monthly invoice, you may pay fees in person anytime at the Falk or WPIC library circulation desks, or by calling 412-648-9298. Library fees may also be paid by cash, check or University of Pittsburgh departmental account number.

HSLS is pleased to be able to offer this convenience to our users as part of our ongoing efforts to provide quality information services.

--Ammon Ripple

Libraries Address Terrorism Response Readiness

An HSLS initiative to provide access to an array of information resources on biological and chemical terrorism is underway. Online and print resources within our collections have been identified and evaluated, and new purchases will strengthen the collections in relevant subject areas. The following topics are included in this initiative:

- Medical aspects of biological terrorism
- Medical aspects of chemical terrorism
- Mental health issues/therapy for children, attack survivors, or the general public
- Health system emergency preparedness

PDA Corner

PDA Corner

New! PDA Class

Do you want to know more about PDAs?
Are you considering purchasing a PDA?
The following new class might be of interest.

Introduction to Handheld Computing/PDAs
Tuesday, March 12, 4:00-5:30 pm
or
Thursday, March 14 at 8:30-10:00am.
Falk Library of the Health Sciences
Conference Room B

The ***Introduction*** class will be taught by Steven Handler, MD and David McAdams, MD. Class topics will include features of PDA hardware and software.

Seating is limited and registration is recommended. You may register by calling the 412-648-8796 or sending an email to medlibq@pitt.edu.

Libraries Address Terrorism

To prepare for this project, HSLS librarian Barbara Folb attended a seminar "Thinking the Unthinkable - Biochemical Terrorism and Disasters: Information Resources for Medical Librarians," jointly sponsored by the New Jersey Hospital Association and the Middle Atlantic Region of the National Network of Libraries of Medicine. Presenters included information specialists from the Centers for Disease Control and Prevention, the United States Army Medical Research Institute for Chemical Defense, and the National Library of Medicine.

The HSLS initiative provides access to resources in various formats that address terrorism response readiness. *Medical Responses to Terrorism* was added to the HSLS Internet Resources Web site in September 2001. It is available from the HSLS home page or directly at <http://www.hsls.pitt.edu/intres/index.html?page =46>. HSLS librarians select and evaluate Web sites for inclusion based on content, presentation, and timeliness. In addition to providing links to freely available Internet sites, *Medical Responses to Terrorism* includes links to full-text online journal articles and books for use by University of Pittsburgh and UPMC Health System faculty, staff and students. This list is updated as pertinent new articles are identified.

Within the Falk and WPIC Library print collections, there are resources both old and new on biochemical terrorism. Chapters within books on broad topics such as toxicology and infectious diseases have been identified. Older atlases with color photographs of anthrax and smallpox patients are in the Falk collection, while WPIC Library provides books on post traumatic stress disorder, and mental health studies conducted on populations in countries targeted by terrorists.

Several databases and other resources provided through HSL Online contain current information on biochemical terrorism. These include:

- MEDLINE
- PsycINFO
- Micromedex
- Harrison's Online
- MDConsult

The National Library of Medicine, which produces the MEDLINE database, has published standards for the indexing of articles related to 9/11. MEDLINE searchers can use this information in formulating their own searches. The article "Indexing the Events of September 11, 2001 and Bioterrorism for MEDLINE" is available online at <http://www.nlm.nih.gov/pubs/techbull/nd01/nd01_indexing_bioterrorism.html>.

For help in using any of the resources listed in this article, contact the Falk Reference Desk at 412-648-8796 or the WPIC Reference Desk at 412-624-1919. To suggest items in this subject area for inclusion in HSLS collections, contact Barbara Folb, folb@pitt.edu, or 412-624-0911.

--Barbara Folb

High Usage Statistics for HSLS Internet Resources Pages

The HSLS Internet Resources page, which can be accessed through the Library's Homepage, or directly at <http://www. hsls.pitt.edu/intres>, provides library users with links to a variety of useful health sciences information. Links to information about specific diseases, conditions and clinical specialties, as well as administrative and technical topics related to health and medicine can be found. HSLS reference librarians choose Web sites for inclusion based on the relevance of the content to medical professionals, the reliability of the source, and currency of information.

The pages are divided into three broad categories: *Health Resource*s, *Mental Health Resources*, and *Internet Guides and Tutorial*s. Within each broad category are subtopics, including disciplines and diseases. For example, under *Health Resource*s, there are 28 subcategories such as Dentistry, Ethics, and Medical Responses to Terrorism. The *Internet Guides and Tutorials* differ slightly in their organization and content. Each covers a topic, such as Health Statistics or Medical & Health News, which are useful across multiple disciplines.

Recently librarians reviewed the use of these pages by using the WebTrends™ software package to read the server log file. Figure 1 depicts the number of visitors to the Internet Resources site during the first 10 months of 2001. The number of visitors ranged from 9,000 to almost 12,000 per month. The total number of page views for the entire Internet Resources site was 239,009 from January 2001 through October 2001. The top ten pages viewed are shown in Figure 2.

The next time you are looking for Web based health information, consider joining your many colleagues who are searching these 50+ Internet Resources topics provided through HSLS.

--Nancy Tannery and Barbara Folb
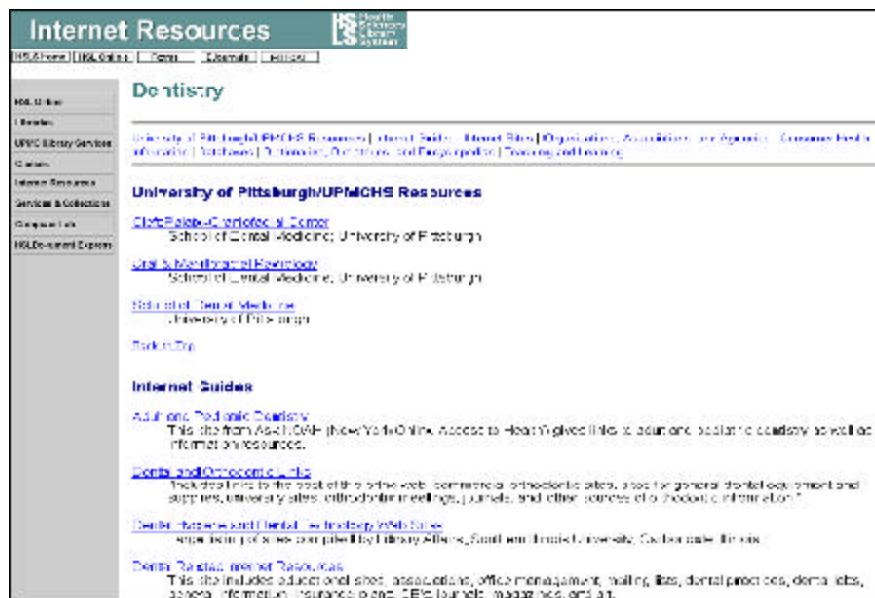
Figure 1
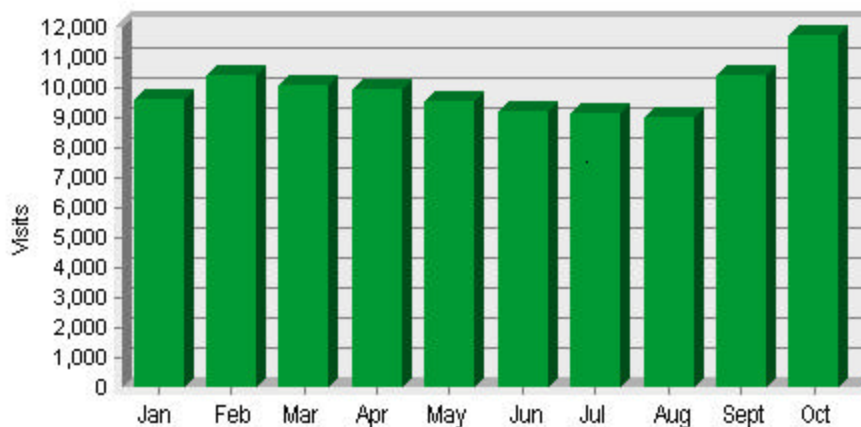
Figure 2

Internet Resources page	Number of times the page was viewed
Internet Resources index page	140,173
Dentistry	19,972
Health Statistics	6,800
Bipolar Conference	4,094
Health Administration	3,877
Psychological & Psychiatric Tests	3,082
Search Engines	2,344
Kidney and Urologic Diseases	2,077
Medical Informatics	1,976
Pharmacy, Pharmacology	1,857
Medical & Health News	1,550

Helpful MEDLINE Tutorial Available

Learning to Use MEDLINE on Ovid is now available to assist users who wish to become more proficient in using the Ovid search platform. This online tutorial is designed so that users may either follow the tutorial through each step of a typical search, or jump directly to a section to answer a specific question. Tutorial topics include formulating a search using Medical Subject Headings (MeSH), narrowing a topic through search limits, and locating print and electronic holdings at University of Pittsburgh libraries. Other concepts include logging on to Ovid through one of three remote access options, and using the citation manager to print, save, email, or order documents from the search results.

Learning to Use MEDLINE on Ovid was designed by HSLS librarian Amber Knopic to explain the basic mechanics of a MEDLINE search. An online tutorial allows users to walk through the search process at their convenience, and at their own pace. The tutorial may also be used to review concepts discussed in one of the **Searching MEDLINE on Ovid** classes offered through HSLS. Please refer to the calendar of classes on page 10 for the next available class, or view the Web site at <http://www.hsls.pitt.edu/classes>.
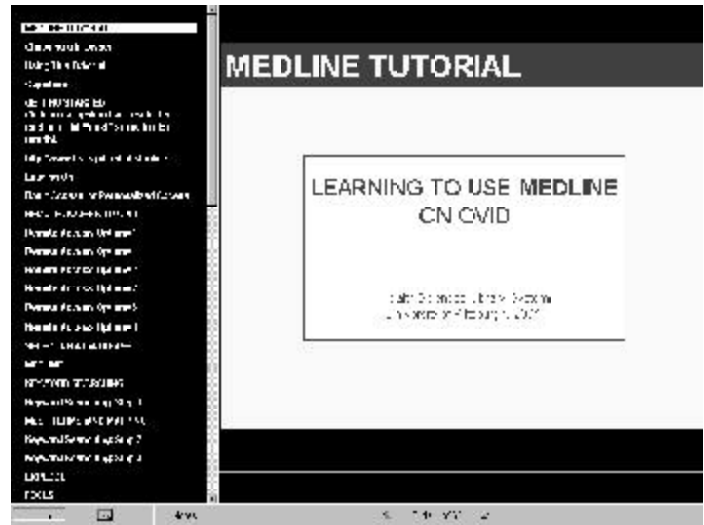
The tutorial can be accessed at <http://www.hsls.pitt.edu/hslinfo/medlinetutorial.html>. To follow the tutorial consecutively, use the arrows at the bottom of the page. To jump to a specific section, click on the section heading listed on the navigation bar located on the left side of the screen.

--Amber Knopic

Update to Locating Patient Education and Consumer Health Information through HSL Online

Several of the clinical resources provided through HSL Online have recently expanded to include information suitable to help you meet your patient education and consumer health information needs.

• Patient information on *UpToDate* can be found by using the link to the Table of Contents. Once in the patient information area, you will find a subject list consisting of sixteen areas. For instance, endocrinology lists 34 topics, orthopedics lists 19 topics and women's health has 16 topics. The format is the same as the professional material, and includes references.

• *MDConsult* patient education handouts are licensed from several leaders in patient education and have recently been updated. The Patient Education Database now includes the newest version of Adult Health Advisor and Medical Advisor from Clinical Reference Products. The most comprehensive patient education material, Well-Connected, from Nidus Information Services has also been updated. Remember – patient handouts can be customized and may include special instructions and contact information. Notes are saved online so you may print customized handouts from any computer. Key topics are also available in Spanish.

• *MEDLINEPlus*, the consumer's version of MEDLINE, includes interactive health tutorials on a variety of diseases, conditions, and surgical, treatment, test and diagnostic procedures. It is available at <http://medlineplus.gov>. Using animated graphics with an audio component, each tutorial explains a procedure or condition. These modules may also be printed as patient handouts.

For a previous discussion about locating patient education and consumer health information in HSLS, please refer to <http://www.hsls.pitt.edu/feb2001.pdf>. You may also consult *The Hopwood Library: A Health Resource Center for Patients and Families* (412-623-2420), located at UPMC Shadyside, for patient and consumer health information needs.

--Michelle Burda

Integrated

Information Matters

CRIS - New Informatics Service
Available to Clinical Researchers

As of September 2001, a new clinical research resource called CRIS – the Clinical Research Informatics Service is available to faculty of the Schools of the Health Sciences. This service is jointly sponsored by the Center for Biomedical Informatics and the Office of Clinical Research. The primary goal of CRIS is to make the vast clinical data sources at UPMCHS available in an integrated and timely fashion, and within the parameters of University regulations for using clinical data for research purposes. CRIS provides a range of services from answering routine queries to determine characteristics of specific patient populations, to supporting more complex studies in which the patients of interest are unknown.

CRIS utilizes two software applications within the core of the Health Sciences family – IPS (Identify Patient Sets) and De-ID. The development of IPS began several years ago as part of an IAIMS focal project to develop modeling tools to help researchers identify patients of interest for a particular study. The IPS system is designed to help researchers locate records that are difficult to find with a simple query, because many of the relevant query terms are not easily identified (i.e., identifying patients seen in the emergency room for post-operative 'pain'). IPS uses machine learning to help the researcher

construct a model to locate the patient records of interest. The software already has been used for several studies within the School of Pharmacy.

De-ID began as a component within IPS, since patient identifiers found in IPS needed to be blinded to the investigator. However, with the emergence of the HIPAA regulations requiring that records used for research purposes not contain items that could identify a patient, unless consent of the patient is obtained, De-ID has become a popular application for researchers wishing to do retrospective studies. HIPAA requires eighteen items to be de-identified within a record (see Table 1 for a complete list). De-ID is currently able to recognize all of those items relevant to text records found in the Medical ARchival System (MARS). De-ID will be expanded in the future to handle additional text records found at UPMCHS. The identified text is replaced with a tag indicating that an item was replaced while still maintaining the readability of the patient record. When the records are processed with De-ID, a linkage file is also created so that re-identification is possible. Upon request, the record can be re-identified to allow CRIS to gather additional information about the patient. The linkage file is never released to the researcher, and is maintained in a separate physical location from the clinical records.

Current De-ID Rules
Include Removal of:

- Names of individuals, relatives, employers, or household members
- Geographical subdivisions smaller than a state to include city, county, zip codes (first 3 digits can be retained), hospitals, corporations, etc.
- All elements of date (except year) relating to birth date; admission date; discharge date, etc. All ages over 89 to be represented as 90+
- Telephone numbers
- Fax numbers
- Electronic mail addresses
- Social Security numbers
- Medical record numbers
- Health plan beneficiary numbers
- Account numbers
- Certificate/license numbers
- Vehicle identifiers
- Device identifiers and serial numbers (i.e. pacemakers)
- URLs
- Internet Protocol (IP) address numbers
- Biometric devices (not applicable for text records)
- Full face photographic images (not applicable for text records)
- Any other unique identifying number, characteristic or code

Reference: CPR 164.514 (2) (i)

Update: Education and Certification Program in Research Practice Fundamentals (RPF)

The Education and Certification Program in Research Practice Fundamentals (RPF) is an Internet-based program, introduced in 2001 as a training tool in research fundamentals at the University of Pittsburgh. An introduction to the RPF program, published in the June 2001 HSLS Update is available at <http://www.hsls.pitt.edu/jun2001.pdf>. The article reviews the need for this type of a training program, discusses the available program components, and provides a timeline for the release of content modules. Access to the Research Practice Fundamentals program is available from the "Resources" section of the Health Sciences Web portal <http://www.health.pitt.edu>.

The RPF program was built as a modular system so that it can continue to grow and incorporate new features. In August 2001, a new module entitled "Use of Laboratory Animals in Research & Education" was added to the initial "Research Integrity" and "Human Subjects Research" modules. The three available modules incorporate all of the "Core Instructional Areas" associated with the U.S. Department of Health & Human Services' Responsible Conduct of Research (RCR) policy document <http://ori.dhhs.gov/html/programs/finalpolicy.asp>. Two additional modules, dedicated to the topics of "Radiation Safety" and "Conflict of Interest" are being planned for a spring 2002 release.

Use of the RPF training program has grown quickly as displayed in the table below:

Current Modules	Attempted	Passed	% Attempted Who Passed
Research Integrity	5509	5144	93.4
Human Subjects Research	3645	3376	92.6
Laboratory Animal Research	766	648	84.6

(Note: "Attempted" means all users who attempted to pass a quiz or test for the module. "Passed" are those who attempted and passed the module.) Total number of registered users: 7025. Information current as of 12/18/2001.

As the use of the program has grown, so has the need to access data collected about individual results, especially within the Office of Research, the Institutional Review Board and the Institutional Animal Care and Use Committee. The review process requires that these entities check on the training status of each individual who appears on the submissions received. To facilitate timely access to this information, a Web-based interface has been developed so that they can quickly search the users' records for training program compliance.

The Education and Certification Program in Research Practice Fundamentals was developed with the knowledge that training content would grow over time, and the number of users would increase significantly. Additional components are being developed so that the RPF program can continue to meet these demands.

--Ari Beedle, MBA
Systems Programmer, CBMI

CRIS *continued from page 5*

De-ID has been audited and approved for use by the Institutional Review Board (IRB) and the UPMCHS Security Committee. All projects wishing to use De-ID must have IRB approval prior to beginning, and must reference the use of CRIS in the IRB submission.

Questions regarding CRIS can be directed to Melissa Saul at 412-647-4300 or mis@cbmi.upmc.edu. The CRIS Policy and Procedures and Request Form can be obtained at <http://www.oorhs.pitt.edu/fusion/clinicalresearch/cris.htm>.

--Melissa Saul, MS
Director, Clinical Research Informatics Service, CBMI
Adjunct Assistant Professor, Health Information Management
Schools of the Health Sciences

Watch for New HSLS Web Site

HSLS will unveil a redesigned Web site in March 2002. The new design reflects the site's importance as both an extension of our physical libraries, and the primary access point to our increasingly large and complex collection of electronic resources. In addition to improving access to online library resources, the new site has been designed to improve navigation and searchability. The site will be available for evaluation and user comments prior to its release. Keep an eye on the current HSLS Web site for more information at <http://www.hsls.pitt.edu>.

--Phil Bergen

HSL Online Password Needed

Beginning February 1, 2002, an HSL Online password will be needed to use the computers near the Falk Library reference desk. The public computers at WPIC Library will also require a password in the near future. You may apply for an HSL Online password at the Falk or WPIC Library circulation desks. Please bring your valid University of Pittsburgh or UPMCHS ID card to register for your HSL Online account. While guest passwords will be provided to those eligible after February 1, library users are encouraged to register and obtain a personal password.

HSL Online databases and electronic resources are provided by HSLS for the exclusive use of the University of Pittsburgh and UPMC Health System faculty, staff, and students.

New Resources Added to HSL Online

HSL Online now provides the University of Pittsburgh and UPMC Health System with full text electronic access to 426 journals in Journals@Ovid, 43 books in Books@Ovid, and 32 English-language journals and 62 German journals published by Thieme. All resources are available through HSL Online at <http://www.hsls.pitt.edu/hslonline>.

Journals@Ovid includes journals in the field of clinical medicine, behavioral and social sciences, life sciences, nursing and related subject areas. Approximately 240 titles from the collection are newly accessible in 2002. Books@Ovid provides medical, nursing and pharmacy textbooks. (See page 8 for details about these new textbook additions). The Thieme electronic journal collection covers general medicine, neurology, psychiatry, psychology, surgery and other life and medical sciences subjects.

With the addition of these new resources, HSL Online currently provides desktop access to 2000 online journals, 300 electronic books, and more than 30 health sciences databases.

--Yumin Jiang

HSL Online and Stargate

In 2001, the University of Pittsburgh began offering remote Internet access to University resources through a Virtual Private Network provided through Stargate, a local Internet Service Provider (ISP). In 2002, the UPMC Health System began offering a similar Stargate package for its employees. However, the two Stargate access plans are different, especially in how users may access library resources.

Through the University's Stargate service, subscribers have access to nearly all University of Pittsburgh library-networked resources, both in the Health Sciences Library System and the University Library System. (One notable exception for health sciences users is UpToDate, which does not allow off-site access of any kind.) Conversely, the UPMC Stargate service provides remote access only to unrestricted HSLS electronic resources such as PubMed. UPMC Stargate does not automatically provide access to HSL Online resources that HSLS has licensed for Pitt/UPMCHS users. However, remote access to these HSL Online licensed resources is available to UPMC Stargate subscribers by using an HSL Online password. Your HSL Online account will work the same way through Stargate as it does through any other ISP, and should not interfere with other services available through Stargate. Users who do not have an HSL Online password can register at HSLS Libraries. Please bring your University of Pittsburgh or UPMCHS ID card to apply for your password. Additional details about HSLS remote access are available at <http://www.hsls.pitt.edu/hslinfo/proxyintro.html>.

For information on the University's Stargate service, see <http://www.stargate.net/html/pitt.html>, and for the UPMC Stargate plan, see <http://www.stargate.net/html/upmc.html>.

--Deb Silverman

Books@Ovid Expands

The HSL Online Books@Ovid collection has grown from 4 key nursing texts (formerly Primary Care Online) to include 43 medical, nursing, and pharmacy textbooks. The complete list of titles is available by clicking 'Books@Ovid' at the Ovid 'Choose a Database' screen

Books@Ovid offers the complete text, references, updates, and graphics of these sources, giving quick access to diagnostic, research, and reference information. A searcher can choose to run a search in one text, selected texts, or all 43 texts. Currently, the Books@Ovid collection does not provide access through a subject index.

The search environment of Books@Ovid is different from other Ovid databases to which you may be accustomed. Single or multiple frames contain the retrieved text, and buttons bars on the top and side of the screen provide for navigation, links to the search page, and access to help screens.

With the addition of the new Books@Ovid textbooks, the HSL Online Electronic Books Collection places more than 300 health sciences textbooks on your desktop. Connect to these resources at <http://www.hsls.pitt.edu/hslonline>.

PDF Format Available for Journals@Ovid AMA Titles

Beginning with the November 2001 issues, the eleven AMA journals available online through Journals@Ovid include a PDF version of most articles. PDF, Adobe Systems' Portable Document Format, retains the same appearance, fonts, and graphics as the original print article. Within each article, you can access the PDF version by selecting 'Full Text (PDF)' from the Output Box. The alternate option for printing from Journals@Ovid is the on-screen view, available by selecting 'Print Preview.' Unlike the PDF view, the on-screen view offers the ability to link to abstracts or full text articles directly from the bibliography of each article. PDF format is available for these AMA titles:

- *Archives of Dermatology*
- *Archives of Facial Plastic Surgery*
- *Archives of Family Medicine*
- *Archives of General Psychiatry*
- *Archives of Internal Medicine*
- *Archives of Neurology*
- *Archives of Ophthalmology*
- *Archives of Otolaryngology: Head & Neck Surgery*
- *Archives of Pediatric & Adolescent Medicine*
- *Archives of Surgery*
- *JAMA: Journal of the American Medical Association*

In addition to the eleven AMA titles, the PDF printing option is available for more than 250 Journals@Ovid through HSL Online <http://www.hsls.pitt.edu/hslonline>.

HSLS Staff News

Laurie Davidson recently joined the Reference Department as a Library Specialist IV. Her responsibilities include staffing the reference desk, working on special projects, and teaching HSLS classes. Laurie has a BA in psychology from Chatham College and a MEd from Springfield College. She is currently working on an MLIS degree here at Pitt.

Jonathon Erlen, HSLS history of medicine librarian, reviewed *Time to Heal: American Medical Education from the Turn of the Century to the Era of Managed Care*, by Kenneth Ludmerer, in *The Filson History Quarterly*, 2001 (75): 404-407. He also published "Recent dissertations in the history of medicine" in the *Journal of the History of Medicine and Allied Sciences*, 2001 (56): 411-414, and with co-author Kelly Fryer-Edwards published "A tour of dissertations" in *ASBH Exchange*, 2001 (Fall): 5.

C. F. Reynolds Medical History Society

The C. F. Reynolds Medical History Society was formed more than three decades ago by a group of Pittsburgh based physicians who shared an interest in the history of medicine. The Society was named after Charles F. Reynolds, the former head librarian of the Falk Library of the Health Sciences, who also taught history of medicine courses in Pitt's School of Medicine and School of Dental Medicine.

The primary goals of the Society are to offer high quality history of medicine programming, and to foster an appreciation of this academic discipline among health care professionals and the public. Annually, the Society sponsors five major lectures that are open to all. Topics span a broad spectrum of history of medicine subjects, from technical aspects of medicine's growth over the centuries, to discussions of 20th century social issues in health care. Each year, distinguished outside scholars are invited to present four of the lectures, while the annual business meeting lecture features one of the Society's own experts.

The Society, administratively based in Falk Library, has grown to over two hundred members, making it one of the nation's largest local or regional history of medicine organizations. Currently the Society draws its membership from western Pennsylvania, eastern Ohio, and West Virginia, with individual members hailing from as far away as California, Colorado, and New York. Membership is open to interested persons and annual dues are $15.00. Membership forms are available at <http://www.hsls.pitt.edu/services/histmed/membership.pdf>, or by contacting Dr. Jonathon Erlen, HSLS history of medicine librarian and Reynolds Society secretary/treasurer, at 412-648-8927 or erlen@pitt.edu.

The C. F. Reynolds Medical History Society invites everyone to attend its forthcoming 2002 lectures listed at the bottom of this page.

--Jonathon Erlen

**C. F. Reynolds Medical History Society Lectures are held in the
University of Pittsburgh Scaife Hall Lecture Room #5 from 6:00-7:00 PM.**

What's a Doctor? How William Osler Practiced Medicine
Michael Bliss, Ph.D.
University Professor of History
University of Toronto
Thursday, February 28, 2002

Dr. Mark Ravitch, the Father of Surgery for Chest Wall Deformities in Children: A Student's Perspective.
14th Annual Mark M. Ravitch History of Medicine Lecture
Alex Haller, M.D.
Professor of Pediatric Surgery, Emergency Medicine and Pediatrics, Emeritus
The Johns Hopkins University School of Medicine
Thursday, April 11, 2002

Purveying and Regulating Medical Quackery in 20th Century America
John Swann, Ph.D.
Historian
Food and Drug Administration
Tuesday, September 24, 2002

Enhancing the Popular Image of the American Medical Profession: Sidney Kingsley's 'Men in White' (1933)
Donald Madison, M.D.
Professor of Social Medicine
University of North Carolina School of Medicine
Thursday, November 7, 2002

Schedule of Classes: March - April 2002

Introduction and Tour of Falk Library
(Falk Library, meet inside entrance to Library)
Tuesday, March 26……..……………11:00am-12:00pm
Friday, April 19………..………… 11:00am-12:00pm

Searching the PITT*Cat* Online Library Catalog
(Location: Falk Library, CMC Classroom #2)
Monday, March 25………………… 2:00pm-3:00pm

Searching MEDLINE on Ovid
(Location: Falk Library, CMC Classroom #2)
Tuesday, March 12…….……………12:30pm-2:00pm
Wednesday, April 17………..……… 11:00am-12:30pm

Searching PubMed
(Location: Falk Library, CMC Classroom #2)
Monday, March 18……….……….. 11:00am-12:30pm
Thursday, April 25……….………… 2:00pm-3:30pm

Finding Information on Psychiatric & Psychological Testing Instruments
(Location: Falk Library, CMC Classroom #2)
Monday, March 11………………… 9:00am-10:30am

EndNote Basics
(Location: Falk Library, CMC Classroom #2)
Thursday, March 21….……..……….……....9:00am-11:00am
Monday, April 22…….……………….….…12:30pm-2:30pm

Mental Health Resources on the World Wide Web
(Location: Falk Library, CMC Classroom #2)
Tuesday, March 5……………………….....10:00am-11:30am

Getting Started with Netscape on the World Wide Web
(Falk Library, CMC Classroom #2)
Wednesday, March 27………………….....1:00pm-2:30pm

Adobe Photoshop for Beginners
(Location: Falk Library, CMC Classroom #1)
Monday, March 25…….………….……….10:00am-12:00pm
Tuesday, April 2……………………….....9:00am-11:00am

PowerPoint for Presentations
(Location: Falk Library, CMC Classroom #1)
Thursday, March 21….………………..…11:00am-1:00pm
Monday, April 22………...……………..…...12:00pm-2:00pm

**All classes are open to faculty, staff and students of the University of Pittsburgh Schools of the Health Sciences and the UPMC Health System.
No registration required. Seating for classes is first-come, first-served until the class is full.
Detailed course descriptions are available at <http://www.hsls.pitt.edu/classes>.**

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