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Library News and Notes: Alumni Medical Library

1997

Library News & Notes: Fall 1997

<https://hdl.handle.net/2144/17854>

Boston University

LIBRARY

News & Notes

A Publication of the Alumni Medical Library
at Boston University Medical Center



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MESSAGE FROM THE DIRECTOR

On behalf of the Alumni Medical Library staff, I extend a warm welcome to all new and returning students, faculty and staff of the Medical Center. This issue of the newsletter provides a guide to medical library services and describes the recent and upcoming improvements in facilities, equipment, and information resources.

Renovation of the library continued over the summer with the carpeting of the 11th floor. This summer, the library also installed new, full-featured photocopy machines, upgraded computers and projection equipment in the Learning Resources Center, and added new software in the form of electronic textbooks and interactive consultation/decision software.

The coming academic year will bring several more exciting improvements in information resources, particularly in the electronic arena. This year, we expect to increase dramatically the number of full text journals accessible through the library. This fall, BUMC MEDLINE Plus will be linked to INNOPAC, Boston University's online catalog, so that users can determine whether the library owns the specific volume and issue of the journal titles identified during a MEDLINE search. An online document ordering capability for BUMC MEDLINE Plus will also be added this fall.

We look forward to assisting you during the coming year, as we continue to enhance access to biomedical information resources and systems in support of your information needs.

David S. Ginn, Ph.D.

Availability of Electronic Journals Expands

The Alumni Medical Library provides access to the electronic version of a growing number of journals. The largest group of these electronic subscriptions is available through the BUMC MEDLINE Plus system. The Web and Windows versions of BUMC MEDLINE Plus provide access to the full text and images of 30 journals through the Core Biomedical I and Biomedical II collections. See full text titles at right.

These full text journals and images in BUMC MEDLINE Plus give users the ability to move from references at the end of articles to the corresponding MEDLINE citation, to other articles published by the same author.

Access to electronic journals for BUMC faculty, staff, and students will continue to expand quickly over the next year. Two other initiatives are currently underway:

(1) Ovid Technologies (the vendor and software developer for BUMC MEDLINE Plus) has recently added another 310 full text journals to

its system, some of which the library will be adding in 1998.

(2) The Alumni Medical Library and Boston University Libraries, as part of the New England Resource Libraries, are negotiating with Academic Press for access to IDEAL, which would provide the electronic versions of another 180 journal titles.

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American Journal of Cardiology
American Journal of Medicine
American Journal of Obstetrics & Gynecology
American Journal of Psychiatry
American Journal of Surgery
Annals of Internal Medicine
Archives of Internal Medicine
Archives of General Psychiatry
Archives of Neurology
Archives of Surgery
Arteriosclerosis, Thrombosis & Vascular Biology
BMJ (British Medical Journal)
British Journal of Surgery
Canadian Medical Association Journal
Circulation
Circulation Research
Fertility and Sterility
Gut
Journal of the American Medical Association
Journal of Bone and Joint Surgery [American volume]
Journal of Clinical Investigation
Journal of Pediatrics
The Lancet
Mayo Clinic Proceedings
Medicine
New England Journal of Medicine
Pediatrics
Quarterly Journal of Medicine
Science
Thorax

Finding Health Care Information on the World Wide Web

World Wide Web documents, which already provide access to thousands of health and medicine related information resources, will continue to proliferate in the coming years. Health care information on the Web spans the entire spectrum of credibility and peer review, from "John Doe's" Home Page to the electronic version of the *Journal of Biological Chemistry*. Among the challenges confronted by those searching the Web is the need to efficiently and effectively retrieve information and to evaluate that information in terms of scope, accuracy, and relevance. Generic search engines such as Alta Vista,

Lycos, and WebCrawler, are often so broad in the resources they include, that the results are comprehensive in volume, but deficient in precision or relevance.

Fortunately, medically oriented search vehicles and databases intended for use by medical and health professionals are beginning to be developed. These systems define the scope of resources to be searched or add a semantic structure, keywords, or controlled vocabulary to the retrieval process. They



utilize indexes and thesauri of medical terminology to aid in the retrieval of relevant sites and sources.

The library now offers several workshops designed to familiarize busy health care practitioners with popular search engines and effective strategies. The workshops *Search Engines: Locating Relevant Information on the World Wide Web*, and *Health Sciences Resources on the WWW* introduce users to search engine features and medically

related information. Internet novices can attend an *Introduction to Netscape and the World Wide Web* course for an overview of available sites, tools and resources. The *Electronic Medical Library* workshop provides a hands-on tour of the Alumni Medical Library on the WWW. Learn how to submit ILL and photocopy requests online, consult a librarian, or use our reference library of Web links.

We look forward to seeing you on the World Wide Web! For more information on search engines or the new workshops, contact a reference librarian at refquest@med-libmail.bu.edu or 638-4228.

CAI Programs Support School Curriculum

The library collects Computer-Assisted Instruction (CAI) software [electronic texts, tutorials, hypermedia, drill & practice, and consultation/decision resources] in support of the curriculum at the Schools of Medicine, Dental Medicine, and Public Health. *SAM-CD* and *Up-To-Date* are the two newest additions to the library's collection.

SAM-CD is the interactive version of the complete *Scientific American Medicine*. It contains the latest clinical developments, clinical trials, treatment recommendations, and literature references in all specialties of internal medicine. *SAM-CD* is organized similarly to the printed version, with the identical content, but it provides the added functionality of an extensive search capability and a user-friendly interface. Included with *SAM-CD* are the *Discotest II* patient management problems and the *USP DI*, a comprehensive database of drug information.

Up-To-Date Cardiovascular Medicine and *Up-To-Date Endocrinology & Diabetes* series provide current clinical information and recommendations, including full references and abstracts from current biomedical literature. *Up-To-Date* contains radiographs, histological pictures, ECGs, echocardiograms, angiograms, and heart sounds. Important data and study results are presented in illustrated graphics. Both *Up-To-Date* and *SAM-CD* are updated quarterly.

The Learning Resources Center (LRC) also houses several other popular CAI programs including *ADAM* (Animated Dissection of Anatomy for Medicine), *Brainstorm — The Interactive Guide to Human Neuroanatomy*, *HyperBrain*, *Keyboard Stacks Pathology*, *Histology* and *Laboratory Medicine* Series, the online *Merck Index*, and others.

Faculty, staff and students are invited to use *SAM-CD*, *Up-To-Date*, or any of the CAI programs in the LRC. Faculty who are interested in supplementing their course curriculum with CAI software can contact Kathy Schilling at 638-4271 or kschill@bu.edu for information.

Expanded Free-of-Charge Access to BUMC MEDLINE Plus

Faculty and staff of the Division of Graduate Medical Sciences, the School of Public Health and the School of Dental Medicine are now eligible for BUMC MEDLINE Plus passwords free-of-charge. This service is being subsidized by the Division and Schools. To obtain a password or for more information, contact Debbie Bruno, Administrative Assistant, Alumni Medical Library at dbruno@bu.edu or 638-4231.

Library Networks Increase Access To Books and Journals

The Alumni Medical Library participates in consortia with other academic and medical libraries through a variety of networks. One of the most important networks for all health sciences libraries is the National Network of Libraries of Medicine (NN/LM). Created and coordinated by the National Library of Medicine in Bethesda, Maryland, the NN/LM was established in 1991 with the mission "...to provide equal access to biomedical information to all U.S. health professionals in order to advance the progress of medicine and improve public health."

The NN/LM is the successor to an earlier program developed by the National Library of Medicine in 1967. Initially called the Regional Medical Library Program, the network was federally mandated by

the 1965 Medical Library Assistance Act. By dividing the country into regions and contracting with a large medical library to provide services and facilitate communication among the academic and hospital libraries in each region, NLM established a foundation for coordinated efforts to serve the nation's health information needs.

Over the years, the regional configurations changed substantially. In 1967, there were 11 regions, including the New England Regional Medical Library Service, which served as a prototype for programs around the country. In 1991, the name NN/LM was adopted and the regions were again reconfigured. Massachusetts is now in Region 8, which also includes Rhode Island, Connecticut, New Hampshire, Vermont, and Maine. The program headquarters are located

at the Lyman Maynard Stowe Medical Library of the University of Connecticut.

Services provided by the regional headquarters include a referral center for health care professionals in need of information resources; coordination of reimbursement for interlibrary loan activity between Region 8 libraries; training classes for NLM databases and services; grant funding for special projects in the region, such as a recent effort to connect community hospital libraries to the Internet; and facilitation of the development of the national database of serials holdings which forms the backbone of DOCLINE, an electronic interlibrary loan system used by most medical libraries.

The regional office typically subcontracts with large medical libraries to serve as resource libraries, providing

services to smaller libraries and to individuals who do not have an institutional affiliation. Boston University's Alumni Medical Library is one of five resource libraries in Massachusetts.

For almost 30 years, the regional network program has worked toward the goal of providing broad access to biomedical information. As book and journal prices continue to rise, libraries increasingly rely on networking to insure continued access to materials that cannot be held in-house.

The library is also part of the Boston Library Consortium (BLC) and Massachusetts Health Sciences Libraries Network (MaHSLiN). Library membership in these consortia provides BUMC faculty, staff and students access to the collections of hundreds of other libraries as well.

Behind the Scenes of Interlibrary Loan

To most people, the interlibrary loan (ILL) process appears to take just two simple steps: (1) filling out a request form and (2) picking up the material. But as Joseph Harzbecker, Reference Coordinator and ILL Supervisor explains, "You might be surprised how complex a process is required to move the request from (1) to (2)."

Each year, the Alumni Medical Library processes over 6,000 requests from BUMC patrons and fills about 8,500 requests for loans to other libraries. Florina Tynyanova, ILL Assistant since 1990, is responsible for all requests on both the borrowing and lending side of the ILL service.

The borrowing process begins with your request. Tynyanova checks all requests against INNOPAC to determine whether the item is available at another library in the Boston University system. Either OCLC or DOCLINE are then used to identify lending libraries.

OCLC was begun in 1971 by a group of Ohio universities. Its original purpose was to share cataloging information for books and

to identify which titles were held by libraries on the system. In 1980, an ILL module was added to OCLC, which allowed participating institutions to send interlibrary loan requests electronically. OCLC now represents the book and journal holdings of over 20,000 public, academic, law, and other libraries nationwide.

DOCLINE, an electronic interlibrary loan system, was developed by the National Library of Medicine specifically to support resource sharing between health sciences libraries.

Tynyanova explains that "both systems operate on the same principle. They search the database of library holdings and send a request electronically to libraries owning an item. If one library is unable to fill the request, it is forwarded electronically to another library in the system."

On OCLC, the requesting library selects up to five potential lenders for each item and determines the order in which they will receive the request. On DOCLINE, each library establishes its own unique hierarchy of up to 240 potential lenders, and

EACH YEAR, THE ALUMNI MEDICAL LIBRARY PROCESSES OVER 6,000 REQUESTS FROM BUMC PATRONS.

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A Guide to Alumni Medical Library Services & Resources

LOCATION & HOURS The Alumni Medical Library is located on the 11th, 12th and 13th floors of the Instructional building. Entrance to the library is on 12. During the academic year, hours are:

Monday - Thursday	8:00 am - 11:00 pm
Friday	8:00 am - 10:00 pm
Saturday	10:00 am - 8:00 pm
Sunday	10:00 am - 11:00 pm

Contacts

Main Telephone Line	638-4232
Library Homepage	med-libwww.bu.edu/library/home.html
Administrative Offices	638-4230
Circulation Desk	638-4232
Computing Lab, LRC	638-5433 med-libwww.bu.edu/library/computing.html
Reference Desk	638-4228 refquest@med-libmail.bu.edu
Interlibrary Loan/Photocopy	638-4270 illquest@med-libmail.bu.edu med-libwww.bu.edu/library/ill.html
Education & Training	638-4228 med-libwww.bu.edu/library/courses.html

CIRCULATION SERVICES Books in the regular collection circulate for 28 days with an option to renew. Books may be returned to any of the Boston University libraries or to the book drop on the first floor of the Instructional Building. Books may be renewed in person or over the telephone.

RESERVE MATERIALS Reserve books may be used in the library for a two-hour period. Reserves may be requested at the Circulation desk. You must leave a valid ID to use reserve materials.

REFERENCE SERVICES Reference librarians are available to answer questions and provide assistance from 8:30 am to 5:00 pm Monday through Friday, or by appointment. You may also e-mail reference staff at: refquest@med-libmail.bu.edu.

PHOTOCOPY SERVICES Self-service photocopy machines, which operate by coin or copy card, are available on all floors of the library. Copies are \$.10 per page by coin and less by copy card. Upon request, the library will photocopy book or journal pages for \$.20 per page. Requests may be submitted at the Circulation desk or on the WWW at med-libwww.bu.edu/library/ill.html.

INTERLIBRARY LOAN Books and photocopies of articles not owned by the Alumni Medical Library may be requested through Interlibrary Loan. The fee is \$3 per item. Items usually arrive in 5-10 working days. A rush fax service is available for \$15 per item. Requests may be submitted at the Circulation desk or via the WWW at: med-libwww.bu.edu/library/ill.html.

ONLINE CATALOG INNOPAC, the online catalog for the Boston University library system, contains information about book and journal holdings at all BU libraries. The catalog is searchable by author, title or subject. You may access INNOPAC from terminals in the library or from home and office computers.

BOSTON LIBRARY CONSORTIUM Boston University belongs to the Boston Library Consortium (BLC), a cooperative consortium of 16 University libraries in the Greater Boston Area. Members include Tufts, MIT, UMass, Northeastern, Boston Public Library and others. BLC membership entitles you to borrowing privileges at member libraries. BLC access cards are available at the Reference desk. Use the online catalog to search the BLC Union List of Serials for journal holdings in member libraries. Also available are the online catalogs of member libraries as well as *UnCover*, a table-of-contents journal database and document delivery system. More information about the BLC can be found by consulting a Reference librarian or via the WWW at: med-libwww.bu.edu/library/oncat.html.

BUMC MEDLINE PLUS The system provides the full MEDLINE database plus AIDSLINE, BIOETHICSLINE, CINAHL, HealthSTAR, and the Core Biomedical

Collections, which contain the full text, including graphics and images, of 30 biomedical journals. BUMC MEDLINE Plus may be searched from library terminals or via remote access by eligible users. Help guides and handouts are available at the Reference desk or on the WWW at: med-libwww.bu.edu/library/dbases1.html. Training sessions are also offered regularly.

EDUCATIONAL PROGRAMS Instructional programs on a wide range of topics are scheduled regularly. Consult the calendar of sessions, or contact a Reference librarian at 638-4228 or refquest@med-libmail.bu.edu for more information. Class schedules and materials are available on the WWW at med-libwww.bu.edu/library/courses.html.

COMPUTING LAB The library provides access to a variety of computers, software, and systems in the Learning Resources Center, located on the library's 11th floor. Resources include computer-assisted instruction software, word processing, spreadsheet and database software, scanners and laser printers. Full Internet access is also available from the LRC. Contact the LRC at 638-5433 or med-libwww.bu.edu/library/computing.html. During the academic year, LRC hours are:

Monday - Thursday	8:30 am - 10:30 pm
Friday	8:30 am - 9:30 pm
Saturday	10:30 am - 7:30 pm
Sunday	10:30 am - 10:30 pm

BUSM Sesquicentennial Highlights use of Library Archives

The year 1998 marks the sesquicentennial celebration of the founding of the Boston University School of Medicine. The role of the library in this celebration is to support activities by making available archival materials on the history of the School, its educational programs, clinical research, and the people who contributed to these areas. The sesquicentennial celebration will highlight the history of BUSM through a series of publications, scientific sessions, exhibits, and social functions. A book updating the School's history will also be published.

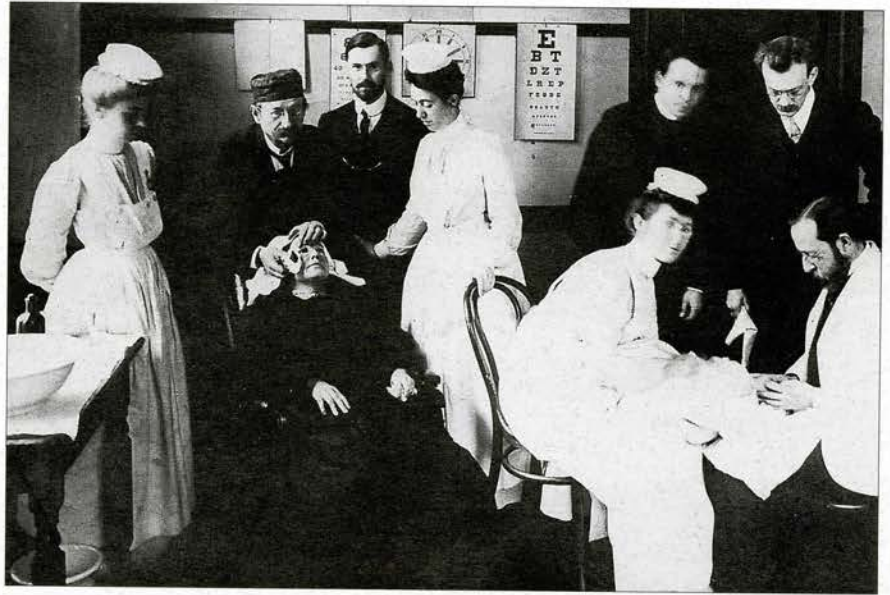
The materials generated by this benchmark date will join those already in the archives celebrating past centennials of 1848-1948 and 1873-1973.

The library archives collection contains photographs, artifacts, books, journals, in-house publications, and assorted records of the Medical Center, as well as biographical information about faculty, staff and students.

The strongest areas in the

archives are the materials for the School of Medicine and the former University Hospital. Annual catalogs and reports for both institutions, for example, go back to their inception. Most of the materials are housed in cabinets with limited public access, given their fragile nature and physical size.

Archives are collected from a variety of sources. Alumni and faculty donations, newspaper clippings and photo reprints all contribute to the collection. Library Archivist Emily Beattie often has to be creative in locating needed materials. In preparation for the sesquicentennial, a portrait of a former dean was required for a display. Beattie utilized the Internet, electronic mail and detective work to track-down a photo. She then contacted



BUSM students receive instruction at the Dispensary Eye Clinic, 1904.

librarians at the Special Collections Library at the American University in Beirut to request a copy of the photograph.

Access to a portion of the archives, including journals and history of medicine texts, is searchable through the University's online catalog. Beattie also catalogs archival publications in a ProCite database. One goal of the archives program is to improve access to

the collection by making all holdings accessible online.

The library constantly seeks to add materials to its archives collection. We collect materials that illuminate the past, but also collect current materials as the legacy for future faculty, staff and students. Contact Emily Beattie at ebeattie@bu.edu or 638-4236 for more information about using or donating to the archives.

Availability of Electronic Journals Expands, continued from page 1

In addition to the BUMC MEDLINE Plus full text journals, several other electronic versions of journals are also available at the library's World Wide Web site: <http://med-libwww.bu.edu/library/home.html>. From the home page, click on Electronic Journals for access to:

American Journal of Nursing	Journal of Molecular Biology
Diabetes Care	Journal of the National Cancer Institute
Genomics	Journal of Neuroscience
JBC (Journal of Biological Chemistry Online)	Pediatrics
Journal of the American College of Cardiology	Protein Science
Journal of Clinical Investigation	Yale Journal of Biology and Medicine

Look for future announcements of electronic journals in News and Notes and the library's WWW site.

Recent Renovations & Improvements

Those of you who have not visited the library in several months will notice many changes. This past spring, new circulation, reserve and reference desks were installed. The entire library was painted, and 350 new, more comfortable chairs were purchased. These renovations have been designed to meet the current needs of staff and patrons, replacing furniture dating back to 1969. The library has also installed new photocopiers including an additional machine on the 12th floor where current journals are shelved.

Last fall, the 12th floor was recarpeted. Carpeting of the 11th floor was completed this summer, supported by a gift from Paul Ossen, M.D., an alumnus from the School of Medicine Class of 1943-B.

In addition to these renovations, a book and journal shifting project is now nearing completion. Mary McKeon, Information Services & Education Librarian, has been overseeing the project,

which is intended to make materials more accessible. A shift of the entire journal collection was necessitated by the increasing number of volumes housed in the library. Eight new stack ranges were added to accommodate the increase. The result of this project is that staff will be able to shelve journals more efficiently and quickly, making the journals more readily accessible to library users. All materials and stacks are being cleaned and older materials are being repaired or housed in acid free preservation boxes.

Twelve Pentium 133 computers and a multi-media video projector have upgraded equipment in the LRC. These resources were supported by a gift from the School of Medicine Class of 1972. (Willard Information Technology Fund)

We are confident that these renovations and improvements will make the library more functional, comfortable, and accessible.

Interlibrary Loan, continued from page 3

all requests are routed according to that library's "map." Any unfilled requests are automatically sent to the National Library of Medicine.

Typically, an ILL takes 5-10 working days to arrive from the lending library. Rush telefax services are received within 24-36 hours, but are more expensive. The Alumni Medical Library pays the lending library a fee of \$8-\$20 per item ordered. Because of the library's

participation in the Boston Library Consortium, we are able to charge you only \$3 for most ILL's. Rush requests or those filled by commercial document delivery suppliers cost \$15 or more.

ILL's can be submitted at the Circulation desk or via the WWW at med-libwww.bu.edu/library/ill.html. You can also contact our ILL department at 638-4270 or illquest@med-libmail.bu.edu.

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