



bio-medical library bulletin

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The Bio-Medical Library staff extends a warm welcome to all new and returning students, staff, and faculty. We look forward to assisting you with your information and research needs.

Bio-Medical Library is one of the major libraries in University Libraries, Twin City Campus. It consists of two major units, Public Services and Technical Services, and four special units, the Learning Resources Center, the Biomedical Information Service, The Owen H. Wangensteen Historical Library of Biology and Medicine, and the Bell Museum of Natural History Library.

Public Services provides university clientele services such as circulation, reference, bibliographic searches (e.g., Medline), educational programs and collection development (i.e., decisions about which books and journals to purchase). In contrast to Public Services, the Biomedical Information Service markets services to non-university clients such as law firms and private industry. Technical Processing is responsible for the "behind the scenes" work in making the collection available for use including ordering, cataloging and binding of library materials. Primary responsibility for the implementation of the library's automated system rests with the Technical Processing staff. The Learning Resources Center has responsibility for direct support of the health sciences curricula including a course reserve service and access to non-print educational media (microcomputer software, mainframe computing, videocassettes, etc.) The Wangensteen Historical Library is responsible for Bio-Med's significant rare book collection consisting of books published before 1920 and other items of historic value. The Natural History Museum Library is the only unit of the Bio-Medical Library not housed in Diehl Hall. Located in the Bell Museum, the Library offers reference assistance in using its specialized collection. For details on the services of each of these units see the following pages. If you have any questions, we encourage you to call and ask us.

Public Services

Public Services encompasses a variety of activities that assist people in using the library and accessing and managing health sciences information.

The Reference Desk is staffed by librarians who help with basic and complex reference questions, teach the use of library resources, and identify appropriate sources for study and research. Also, the librarians assist with computer database search requests and database searching, arrange for more formal library instruction and lectures, and refer clients to appropriate library or other information resources. Reference librarians are responsible for selection of materials and collection development. For assistance, call 626-3260.

Staff at the Circulation Desk check-out and check-in, recall and renew materials. The Circulation Desk is the central point for pickup of photocopy orders, database bibliographies, and recalled materials. Staff also monitor auditron-operated photocopy machines and are responsible for shelving books and journals. Call 626-5653 for Circulation Services.

Interlibrary Loan (ILL) makes it possible to get materials not owned by the University Libraries system. If you need something not available here, fill out an ILL request form at the Reference Desk. Please allow three weeks for the request to be filled.

Bibliographic Search Services provides computer-produced lists of references for a fee. If you need a comprehensive literature search or a specific search which cannot be done easily using the printed indexes, a computer search may be useful. Search requests may be submitted in person, by phone or mail. Most searches are ready within 1-2 working days. Stop by the Reference Desk or call 626-3260 for more information about this service.

Librarians teach classes about library use and information management through our single lectures coordinated with faculty, MEDLINE instruction, and special seminars as well as for-credit courses. To find out more about these programs, call 626-3260.

Collection Development is a major activity for the library staff. The Bio-Medical Library has a comprehensive collection of monographs and journals in the subject areas of the health sciences. The library staff makes every attempt to keep the collection as current and extensive as possible. However, if we have overlooked an item which you think would be appropriate for the collection, please let us know. Unless there are extenuating circumstances, (e.g., the item is available elsewhere on campus or is no longer in print), we will purchase it for the collection.

Technical Services

The Bio-Medical Technical Processing staff acquire and catalog the books, periodicals, audiovisuals and software to be added to Bio-Med collections. Please ask at the Reference Desk if you wish to have an item rushed through our processing department. The staff also is responsible for LUMINA, the online catalog of the University Libraries - Twin Cities Campus, activities and coordination with other libraries on campus.

Learning Resources Center

The Learning Resources Center (LRC) supports the instructional and self-instructional efforts of University of Minnesota faculty, staff, graduate students, and health sciences students. The collection includes approximately 2000 titles, representing a variety of media (slide/tape programs, videocassettes, computer software, and videodiscs). Most of the programs are related to the health sciences curricula, although many can be used for in-service training or individual learning. For more information on the LRC collection, or to recommend materials for inclusion in the collection, contact Vicki Glasgow at 626-4045.

Computer hardware available in the LRC includes IBM PC, IBM PS/2 Model 50, Apple Macintosh SE, and Apple II series microcomputers. To use a microcomputer or LRC software, you must show your University of Minnesota i.d. if you are faculty or staff, or, in the case of health sciences or graduate students, your University of Minnesota i.d. and a current fee statement. Computer Consultants are available to assist in the use of computer hardware, software and systems in the LRC from 9:00 a.m. to 5:00 p.m., Monday through Friday. A computer helpline telephone is also staffed during these same hours. For assistance, call 624-3128. For more information about use of computers in the LRC, contact Philip Army, Systems Coordinator, at 626-3375.

The LRC coordinates a very active reserve service for the health sciences. Faculty may request that required course materials (both print and non-print) be placed on reserve for student use. Students have access to these materials whenever the LRC is open (96 hours/week). For more information on the reserve service, contact Kathy Holliday at 626-4045.

Biomedical Information Service

Biomedical Information Service is the fee-based unit of the Bio-Medical Library dedicated to providing medical information to non-University clients. These client groups include businesses,

industries and the community at large. Services include medical information research (done by computer or using other resources), photocopying, and book loans as well as other services requested by clients. For more information, call 626-3730.

Wangensteen Historical Library

The Wangensteen Historical Library, on the 5th floor of Diehl Hall, contains a collection of more than 40,000 rare and historical works dating from the 15th century to 1920. This non-circulating collection is housed in controlled environmental conditions to ensure preservation of the materials.

The library covers broad subject areas in the health sciences and biology with excellent collections in anatomy, cardiology, French medicine, herbals, rabies, hospitals, tuberculosis, fevers, naval and military medicine, nursing and public health. Its major subject strength is in surgery and related subjects such as anesthetics, antisepsis, lithotomy, wound healing, etc.

The Wangensteen Historical Library has been developed to support research and study in the history of the health sciences and biology. It is open from 8:00 a.m. to 5:00 p.m., Monday through Friday. Reference assistance, including computerized literature searches, is available. Exhibits illustrating various historical medical subjects are displayed.

Natural History Library

The Natural History Library is a specialized departmental library located on the third floor of the Bell Museum of Natural History. It is open 8:00 a.m. to 4:30 p.m., Monday through Friday. While the library's resources are available to anyone, its principal clientele are the students and faculty of the Department of Ecology and Behavioral Biology and the Museum staff.

The library contains a collection of approximately 12,000 monographs and bound journals, and subscribes to more than 300 current serial titles.

The library contains significant collections in such broad subject areas as general ecology and animal behavior, but its major collection development is concentrated on mammalogy, herpetology, and especially ornithology. In fact, the depth and quality of its ornithology collection is thought to be one of the best in North America.

Unique among the library's holdings are an index to paintings and photographs of animals of all kinds and a collection of audio recordings of animal sounds, especially bird songs. The library's prize possession is its copy of the original double elephant folio of Audubon's "Birds of America." This extraordinary first edition is housed in Wilson, in the James Ford Bell Collection, for safekeeping.

The Natural History Library lends its materials to on-campus patrons through library mail and to non-University clientele through MINITEX and the Bio-Medical Library's Interlibrary Loan Service. A self-service copy machine is available on the premises. Presently, patrons desiring computerized literature searches are referred to other libraries on campus, particularly to the Bio-Medical Library.

The library is located in Room 305 of the Museum of Natural History. Hours are 8 a.m. - 4:30 p.m., Monday - Friday. Staff may be reached at 624-1639.

Technical Processing/LUMINA

The Bio-Med Library Technical Processing Staff has been involved with implementation of LUMINA (Libraries of the University of Minnesota Integrated Network Access) during the past year. Implementation included the abandoning of our in-house developed system, SIMS. All processing (serials control, acquisitions/book fund accounting, and cataloging) is now handled on LUMINA which also provides University staff and students with a University Libraries-wide on-line catalog of library holdings.

LUMINA implementation projects will continue during the coming year. By the end of 1988, records for all cataloged University Libraries' holdings will be included in LUMINA. The capability to search the data base using keywords and Boolean logic is to be implemented during 1988/89. Planning is also underway to bring up the circulation system in University Libraries. Circulation implementation will include the bar coding of each volume in the Libraries' collections, roughly 350,000 volumes in the Bio-Medical Library, and over four million volumes University Libraries wide.

The library offers classes on the use of LUMINA. Contact Margaret Olson, 626-5808 for more information.

Laser Printing Available in the LRC

A laser printer has been installed on the Macintosh network in the Learning Resources Center (Level 2). Beginning November 1,

users will be able to purchase laser printer cards from the Circulation Desk on Level 3. These cards, sold in denominations of \$2.50--good for 5 pages of printing--can be purchased by cash, check, or budget number.

Once you have purchased your laser printer card, bring it to the LRC Service Desk (along with your Univ. of Minn. i.d. and, if you are a student, your fee statement). LRC staff will explain how to access the laser printer via the local area network. Print jobs can be picked up at the LRC Service Desk. Your card will be punched to reflect the number of pages you print.

Departments interested in higher volume use (more than 5 pages) of the Macintosh network laser printer can charge their laser printing to a budget number by filling out a journal voucher at the LRC Service Desk. For more information, contact Vicki Glasgow or Philip Army at 626-4045.

Wangensteen Historical Library News

"Leadership in Academia: The Role of the Librarian" was the topic addressed at the joint meeting of the ACRL Minnesota Chapter and the Academic and Research Libraries Division of the Minnesota Library Association. Chaired by Judith Overmier, Curator of the Wangensteen Historical Library on Thursday October 6, the program featured John Howe, Interim Director, University Libraries, University of Minnesota; Carla Stoffle, Deputy Director, University Library, University of Michigan, and Leigh Estabrook, Dean Graduate School of Library and Information Science, University of Illinois, Urbana.

Artifacts from the Owen H. Wangensteen Historical Library of Biology and Medicine are featured on the cover of the Fall 1988 issue of the Minnesota Medical Foundation Bulletin.

Historical artifacts are also on loan to the Boynton Health Service for its 70th anniversary exhibit. The exhibit will be in Boynton's main lobby through October which coincides with the North Central College Health Association's fiftieth anniversary conference being held here.

The Wangensteen Library's Fall Quarter Exhibit on the history of cardiovascular surgery was prepared in conjunction with the C. Walton Lillehei Surgical Symposium held October 21-22. Sarah D. Wangensteen served as consultant for the exhibit which covers cardiovascular surgery up through the advent of the first human heart transplant.

STAFF NEWS

Vicki Glasgow has been elected Chair-Elect of the Educational Media and Technology (formerly Health Sciences Audiovisual) Section of the Medical Library Association. She will be serving as this year's Program Chair for the annual meeting in Boston in May, 1989.

Philip Army has been appointed Systems Coordinator in the Learning Resources Center. Philip comes to the Bio-Medical Library from Louisiana State University, where he completed graduate degrees in System Science as well as Library and Information Science. Philip's responsibilities include overseeing the Computer Consultant service in the LRC, managing the LRC's local area networks, providing workshops related to computer use, and facilitating the use of computer resources in the LRC.

Judith Overmier, Chair of the Minnesota Chapter of the Association of College and Research Libraries, represented the Chapter at the ACRL Chapter Council meeting on Sunday, July 10 during the American Library Association meeting in New Orleans. She and Karen Nelson Hoyle, Director of the University Libraries' Children's Literature Research Collection attended the ACRL/ALA Rare Books and Manuscripts Preconference, the theme of which was "Libraries and Museums: Leaves From Each Other's Books."

Gertrude Foreman, Vicki Glasgow, and Mary Mueller attended the Midwest Chapter/Medical Library Association (MC/MLA) Annual Meeting in Indianapolis, October 16-19. Theme of the meeting was "Keeping on the Fast Track". Sessions included presentations on archives and preservation, new technologies, technical services, professional development, negotiating skills, and online database searching. Exhibits, social functions and continuing education all contributed to an excellent meeting.

(The following article was printed in the **STAR TRIBUNE** August 14, 1988, and is reprinted with their permission.)

WHERE THE LEADERS ARE - Librarians bring it all together.
By Harlan Cleveland

"Where are the Jeffersons and Hamiltons of today?"

The question is posed in the latest of John Gardner's Leadership Papers. He concludes that "they are among us," but he doesn't claim to know just where. "We don't have many first-class minds capable of leadership."

It pains me to disagree with my longtime friend and sometime mentor, but in Leadership Paper No. 7, Gardner seems mostly to be looking for leaders in the "top leadership," among publicity heroes, and predominantly in the United States.

The leaders he names - by implication as role models, since he's writing about "Leadership Development" - include three non-Americans (Bismarck, Churchill, and Pope John XXIII); six U.S. Founding Fathers (Washington, Adams, Jefferson, Franklin, Madison, Hamilton); three dead Americans (Oliver Wendell Holmes, Harry Truman, Lyndon Johnson); and three living leaders (Robert McNamara, Walter Wriston, and Henry Cisneros), two of them more or less retired. No women. No young leaders. No one in Asia, Africa or Latin America.

Yet, especially in the United States, policy isn't made by celebrities - people who are "well-known for their well-knownness." Those with visible responsibility for leadership are nearly always too visible to take the responsibility for change - until it becomes more dangerous to stand there than to move on.

Most of us have a model of leadership in our heads - based on few policy-makers (somebody besides us) at the "top". A larger number of experts, communicators and community go-getters in the middle. Everyone else at the pyramid's wide bottom. But now that knowledge is our main resource and most people are more-or-less educated to use it as a basis for citizen judgments, the pyramid in our minds has to be turned upside down.

On major issues - warfare and welfare, taxes and spending, struggle or compassion, competition or cooperation - the people-at-large make the policy judgments. The mostly invisible experts and specialists and communicators dish out the information on which these judgments are based, and then codify the gathering consensus in media events, articles and speeches and editorials, corporate strategies, party platforms, laws, court opinions and executive staff work.

Only then, when the parade's direction is already predestined and the obvious danger is not moving on but being trampled in the rush, do the policy announcers come forth, trying to pretend they have been leading all along.

In this upside-down model, the real leaders are the professional processors of knowledge, who mediate between the people-at-large and the announcers of the people's changing sense of direction. I once tried to count them, and came up with more than a million such leaders in the United States - one out of every 220 Americans of both sexes and all ages.

They are not well known; you won't find them on a newsmagazine cover and certainly not in **People** magazine; they are not interviewed on the television networks.

All around the country, the invisible policy-molders are focusing on what it takes to lead in a nobody-in-charge society like ours. Take, for example, the nation's librarians.

If they gave out prizes for invisibility, librarians would certainly be much-prized. The American Library Association gathered 12,000 of its nearly 50,000 members in New Orleans and made a small inside-page headline only because the ALA is suing the FBI for trying to find out who is studying what in the nation's libraries. (The FBI guesses, no doubt correctly, that the Soviets use our public libraries as a source of useful information.)

Much more important than its hectoring of the FBI is the ALA's ambitious project called Visionary Leaders for 2020 - a deliberate pun, as befits the nation's experts on words. "We must not be myopic in planning for 2020; we must be farsighted," said ALA President Margaret Chisholm.

Librarians preside over the common heritage of knowledge and wisdom, from the earliest hints of pre-history down to this morning's newspaper. They are the feeding stations for facts and ideas that contribute to the people's consensus, which has to form before the celebrities can safely announce it as policy. Librarians, along with journalists, tend the critical valves in the people's information pipeline.

There are plenty of other folks tapping into that same precious pipeline - advocates pumping in "facts" that reinforce their advocacy, ideologues feeding in their own versions of the truth, scientists and pollsters and experts on everything from genetics to ethics.

But librarians have a generalist (which is to say, a leadership) responsibility: They can bring to bear not only the news of the day and the arguments of the moment, but the wisdom of the ages. They have the most reason to understand that using a reference system is a way to unleash the searcher's insight.

As each new information technology comes on line, it's the librarians who should be educating the rest of us about it. In a world of electronic data bases, the image of library as a building that houses knowledge is clearly obsolescent. If I know that someone at my favorite library has an overview of what's available in the world's computerized data bases, the library becomes several times as valuable to me. Yet I may "go to the library" less and less.

Don't get me wrong. I love libraries and I'll still come and visit with librarians - about books as well as about all those miraculous electronic prostheses for my brain. But if I don't have to come as often, maybe there will be room for lots more people who aren't yet coming to library at all.

The measure of fairness, and the means of discrimination, have always in history been access to civilization's dominant resource. In other times that meant having better weapons - the caveman's club, the tribesman's spear, modern man's gunpowder, Or it meant swifter transport, or control of land, minerals, food or energy.

But suddenly, civilization's dominant resource is knowledge, its collection, analysis, and storage. So what the "downs" do to educate themselves is the key to whether they can wrest from the "ups" fair shares of bread and power. And that means fairness is somewhere near the center of the ethical responsibility of people, such as librarians (and educators too) who purvey information to the policy-making-people-at-large.

The ALA Commission put it persuasively: "Millions of those made relatively powerless in our society by the lack of education, of knowledge and skills - those most in need of information - have neither the sophistication to seek it out nor the means to pay for it. Schools and libraries should have the resources to act as their surrogates, expressing their needs as marketplace demands."

That's a leadership function if there ever was one. If it isn't undertaken by the invisible million, the powerful word won't get out to the powerless - and the celebrities will bask in their well-knownness without having to do anything about their disadvantaged fellow citizens.

We don't need half a dozen Jeffersons nearly as much as we need half a million no-names to mobilize the people for constructive change.

That's why it's so interesting to me that librarians - and many other invisible leaders in their own ways - are organizing to stretch their wings as "visionary leaders for 2020." We need them badly, long before that.

"Probably a majority of Americans never use a public library or enter a bookstore," says an ALA Commission of Freedom and Equality of Access to Information. "And unfortunately this is true among those groups in society that most need information to deal with their problems: the poor, the ill-educated, the elderly, the unemployed."

LIBRARY HOURS

Monday - Thursday	8 am - 11 pm
Friday - Saturday	8 am - 8 pm
Sunday	11 am - 11 pm

The library will observe holidays and be closed on the following dates:

Nov. 24-25, 1988	Thanksgiving
Dec. 23-26, 1988	Christmas
Dec. 30-31, 1988	New Years
Jan. 1-2, 1989	
Jan. 16, 1989	Martin Luther King Day

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The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, religion, color, sex, national origin, handicap, age, veteran status, or sexual orientation.

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