**From the Director**

## Web Projects at the Galter Library

The availability of the World-Wide Web presents tremendous opportunities and challenges for those interested in electronic communication and dissemination of information.  The Galter Library staff, under Dan Barkey's leadership, have started a  number of projects to test the limits and possibilities of web-related publishing.

The most important project to date has been the library's new Health Information System.  The purpose of the system is to bring together major web electronic resources of value to Northwestern users and integrate them with local resources like NUmed (MEDLINE) and NUcat (the online catalog).   The librarians' role as information finder is apparent in this effort to select only a handful of major resources.  Also significant in the library's web page is the simple and straightforward organizational scheme: resources are located in a small number of categories that reflect the mission of the schools and the library.

Many Web resources change frequently because of the need to keep them up-to-date.  The Galter Library's information system is no exception.  Recent changes include easy to use buttons to navigate through the system; a What's New heading to see the changes since the last update; and a search tool that will get you to the source you want based on the keyword you use.  Future efforts will include indexing sources for search by Medical Subject Headings, a subject hierarchy for those who prefer this search approach, and more resources that will meet the information needs of Northwestern users.

Development of the Health Information System has gained the library significant attention from its users and peers. Users are becoming interested in collaborating with library staff to build discipline-oriented Web pages to serve select groups in the medical center.  Faculty see the system's resources and then realize they have data that can be contributed to improve the value of existing materials; library staff can format the data for inclusion and faculty can recommend it to their students.  Peers have also made reference to the Galter projects in papers at a recent conference, and others have commented favorably about our style for Web pages.

Other recent projects include Dan Barkey's design for the Medical Library Association's (MLA) Medical Informatics Section (http://www.ghsl.nwu.edu/mis/mis_home.html) and Eric Albright's design for the *Biomedical Library Acquisitions Bulletin*, a publication of the MLA's Collection Development Section (http://www.ghsl.nwu.edu/BLAB/ BLAB_home.html).  Library staff are heavily involved in the CIC Health Sciences Libraries Internet Working Group; (CIC is the Committee on Interinstitutional Cooperation, the academic arm of the Big Ten Athletic Conference plus the University of Chicago).  The CIC group is starting to produce HealthWeb (http://www.ghsl.nwu.edu/healthweb/ HWhome.html), which will be a collection of electronic Web resources selected by criteria formulated within the group and brought together into one central resource.  Dan Barkey, Head of Information Systems, and Pat Anderson, Media Librarian, were instrumental in designing the 'look' of HealthWeb, and Dan prepared all the programming for its technical features as well as established the working group's internal web page (http://www.ghsl.nwu.edu/cic/ cic_home.html).  They also assisted colleagues at the University of Michigan in producing a new HealthWeb resource in Nursing (http://www.lib.umich.edu/tml/ nursing.html).

**IN THIS ISSUE . . .**

The value of all this effort is to discover what the Web can do especially in the area of publishing. From this experience, library staff hope to work with other Northwestern faculty, staff and students in generating new documents and resources that can be used within the curriculum, to promote Northwestern, and to deliver valuable information to those who need it. Users interested in exploring Web resources can visit the reference desk to see the system in use or inquire about introductory classes by calling 503-8109. Potential collaborators should speak directly with Dan Barkey at 503-0421 about their ideas of using the Web and how the library can help them reach their goal.

James Shedlock, A.M.L.S.
Director

# Renovation Update

The renovation and expansion project has reached the end of Phase I! That means we are halfway to completion! The last part of Phase I and the beginning of Phase II is the library move. **Consequently, the library will be closed July 6-9, 1995 to move offices and collections to new locations.** MEDLINE and the Health Information System will be suspended as the library's server and other computer hardware moves to new quarters. True emergencies for reference questions will be accepted via voice mail; messages will be checked every half hour.

Beginning July 10, 1995 access to the library will be from Ward elevator #1 (the one closest to the mailbox/library door). The temporary circulation and reference desks will be located on the Ward second floor (east end) as will the MEDLINE stations, NUcat stations, reserve and reference collections. All of the current books and journals will be located in the new lower level stacks, accessed by the library's new elevator. Books will be shelved in the new compact shelves (more later) since they are used less frequently, and journals will start in the open shelves until that space is filled. Photocopiers will be located on both levels.

Also on the second floor will be the new permanent locations for Library Administration, Information Systems and Technical Services (processing). Temporary doors will take users through the administration offices to the future home of the special collections department.

What users will see on the new second floor is still temporary. New furniture will not arrive until later in Phase II. Reference librarians will temporarily occupy the group study rooms. Some equipment and shelving may be stored in the west reading room. More importantly users will get a sense of what the finished library will look like. The handsome wood trim and other casework, the availability of natural light plus the open feeling of the space will make the Galter Library a very special place for research, study and learning.

What can users expect during Phase II? More noise and disruption for sure! Part of the library's roof comes off to complete the building of the atrium. The atrium will cover the new grand staircase that connects the three upper levels of the library. The original library will be restored as the new reference room with a refurbished ceiling featuring decorated beams and special lighting. On the south wall will be backlighted leaded-glass windows. Also, the library entrance will be moved to the Ward lobby (which will also be restored during Phase II). The new LRC will have its floor raised to street level. The library's Superior Street window will extend toward the sidewalk. There will be plenty of activity for all to notice and we are halfway to the project's end. Completion is expected in late December, 1995.

Remember the compact shelves? These shelves are traditional ones without an aisle so that the library can store twice as many volumes in the same space without the aisles. To get volumes, follow the guides at the top of the shelf and crank the handle for your range until the aisle space you need is open. Retrieve needed materials and then crank the handle to close the aisle. A 'safety' pin is located at each crank to secure the aisle space against possible closure. In case you forget to secure the pin, a polite and firm warning will tell another user to stop the cranking.

Visit the library's display window in the Ward lobby for pictures showing renovation features and announcements.

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**Attention Faculty**

Be sure to request course reserve materials 2-3 weeks prior to the start of classes. Please provide the Circulation Department with a detailed list of the materials to be placed on reserve (or the materials themselves) with the name of the instructor, the course name, and the date on which the materials should be taken off reserve. For additional information, contact :

LaShanda Howard at 503-8126

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# Texaco Case Challenges
## "Fair Use" Doctrine
## in Copyright Law

 Issues concerning intellectual property rights, copyright, and the public's right of fair use of copyrighted works have received considerable public attention during the past year. The confluence of initiatives of the National Information Infrastructure (NII), the rapid evolution of electronic information transmission and publication, and the recent case of the American Geophysical Union vs. Texaco, Inc., are primarily responsible for the current debate.

These same issues were prominent during the writing of the current  Copyright Law of 1976.  Specific issues raised in the current public forum regarding intellectual property rights in the electronic environment  have particular relevance to libraries and the educational process.

In July 1994, the White House Information Infrastructure Task Force, Working Group on Intellectual Property Rights, chaired by Bruce A. Lehman, Patent and Trademark Commissioner, issued a draft report for public comment entitled *"Intellectual Property Rights and the National Information Infrastructure."*  This report recommends several changes in copyright law concerning electronic information which would be a major expansion of proprietors' rights without any corresponding protection of user privileges.  For example, the report proposed to give copyright owners the right to control distribution by transmission and identifies downloading, uploading and transfers over the network as allegedly infringing the reproduction right.  The report argues that most works on the NII are protected by the public display right.  Virtually all uses of protected works, according to the report, would fall within the law's display right such as bulletin board distributions and even browsing through copies of works. Digitizing works for preservation purposes would constitute an infringement as well.  Fair use principles which support library services of copyrighted works would be virtually eliminated as proposed by the report.

The Texaco  case challenges the law's doctrine of "fair use" which allows reproduction for purposes of criticism, comment, news reporting, teaching (including multiple copies for classroom use), scholarship, or research without paying royalty fees.  To determine whether the use is a "fair use," the following factors are considered:

1.  Purpose and character of the use (commercial, nonprofit education, etc.);

2.  Nature of the copyrighted work;
3.  Amount and substantiality of the portion used in relation to the copyrighted work as a whole; and
4.  the effect of the use upon the potential market for or value of the copyrighted work.

The Copyright Clearance Center (CCC) exists as a government-sanctioned nonprofit agency to collect royalties for publishers which register their publications. Texaco is being sued by a group of publishers which noticed that royalties collected by CCC were less than those of other similar corporations.

 At issue in the Texaco case is that one researcher (representing all Texaco employees) had in his files photocopies of eight articles from the Journal of Catalysis ($6 per article royalty) available in the library.

The researcher admitted that six articles were never used and that these copies were made and filed for his convenience in future use. Texaco has argued that copying from the library-owned journal was covered by the law's "fair use."

The court ruled against Texaco, and upon appeal, the U.S. Circuit Court of Appeals has upheld the lower court.  In doing so, the court established that:

1.  the purpose and character of use was not "fair use" as the copying done by the library  duplicated the library archival function the library was already fulfilling;
2.  the amount and substantiality is considered to be the INDIVIDUAL ARTICLE not the journal issue; and
3.  the effect on the market refers to the article—not the market for the journal as a whole.

The growing use of the NII by individuals and institutions for information transmission and distribution is perceived by the publishing industry as a potential threat to its survival.  How information is transmitted and the form in which it is contained cannot be the basis on which to restrict the free flow of information.

The copyright law balances the intellectual property rights of authors, publishers and copyright owners with society's need for the free exchange of ideas.  These same principles must also apply to the use of information in the electronic environment.  One European publisher has instituted a "networking subscription" for 1995 which would permit, by license or contract, unlimited photocopying from their journals.  Base rates, i.e. existing rate structures, applying

## Dental Library
Ron Sims, M.A.L.S.
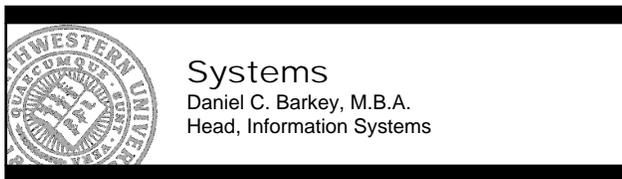Assistant Librarian

### Come Visit the Dental Library

Looking for a quiet place to study during the renovation of the Galter Health Sciences Library? Come study at the A.D. Black Memorial Library (Dental Library) on the 10th floor of the Ward Building.
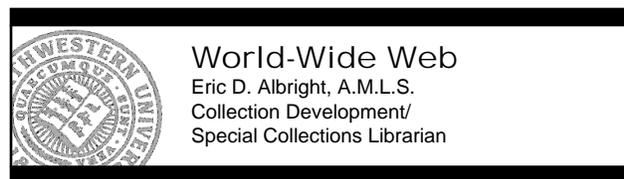
The collection is one of the largest and oldest in the area of dentistry. The Dental Library came into existence in 1897. The rare book collection, one of the best in the world, contains original lecture notes and notebooks of G.V. Black, second dean of the School, who is also noted for early scientific and clinical studies that formed the basis of modern American dentistry.

In addition to scholarly publications, we have a number of leisure reading materials including: newspapers, *PC Magazine*, *Time* and *Sports Illustrated*. We have computers to satisfy your research needs: two NUcat dedicated terminals; two MEDLINE workstations; two IBM PCs; and a Mac. Typewriters and photocopiers are also available. Come study in the quiet place!

## Systems
Daniel C. Barkey, M.B.A.
Head, Information Systems

### Windows for NUmed

Northwestern University has been selected as a beta test site for new client Windows software to access NUmed. Ovid is the name of the search software, as well as the new company name for our MEDLINE vendor (Ovid Technologies Inc., formerly known as CDPlus). Ovid will allow you to search NUmed using native Windows software. This means that you no longer have to "login" to the system and run a text-based search program. With Ovid for Windows you get a graphical user interface, which will make it easier to use, plus you'll be able to print and save citations directly at your PC. We expect final release of Ovid sometime this summer. For updates regarding release, please read the NUmed news screen when you first login.

## World-Wide Web
Eric D. Albright, A.M.L.S.
Collection Development/
Special Collections Librarian

### What's New

We have added a new feature to the Galter Information System appropriately called What's New. We review health related Web sites and add them to the Information System on a monthly basis. Each month's additions are listed under the category where they can be found.

An example of one of the better sites is the Diagnostic Test Information Server (http://dgim-www.ucsf.edu:80/TestSearch.html). It is an experimental resource which provides information on diagnostic laboratory tests. The database was created as part of the publication of the book *Pocket Guide to Diagnostic Tests*. The database is searchable by both disease and test names.

Another excellent resource is the *Whole Brain Atlas* (http://www.med.harvard.edu/AANLIB/home.html), an information resource on central nervous system imaging which integrates clinical information with magnetic resonance, x-ray computed tomography, and nuclear medicine images. The Atlas project is a cooperative effort by Harvard University and its affiliates, Digital Equipment Corporation and the American Academy of Neurology. Included are scans of normal brain structure and function as well as nine case studies of abnormal function.

The federal government is quickly entering the Web, and one of its best sites is the Center for Disease Control and the Agency for Toxic Substances and Disease Registry (http://www.cdc.gov/). This site is a storehouse of health information, scientific data, and electronic publications, including electronic resources such as full-text editions of *Morbidity and Mortality Weekly Report* (MMWR), Hazardous Substance Release/Health Effects Database (HAXDAT), and *Emerging Infectious Diseases*, a quarterly electronic peer-reviewed journal published by the National Center for Infectious Diseases.

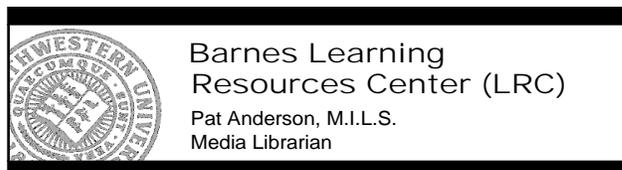When it comes to health statistics the National Center for Health Statistics is the best resource (http:/www.cdc.gov/nchswww/nchshome.htm).

Suggestions for the Galter Information System can be sent to: e-albright@nwu.edu or call 503-0476.

## New LRC Equipment Survey:
## Tell Us What You Want!

During Phase II of the library's renovation project decisions need to be made regarding equipment for the new LRC. Library staff would like to hear from users about their preferences for using equipment while visiting the library. Consider the following questions:

1. What platform do you prefer to use?
   (a) IBM/compatibles
   (b) Mac

2. What proportion of computers should the library have? (to equal 100%)
   (a) Macs/PowerMacs
   (b) IBM/compatibles

3. Which operating system is preferred:
   (a) DOS
   (b) OS/2
   (c) Windows
   (d) UNIX
   (e) System 7

4. How dependent are you on library equipment:
   (a) very dependent (no other access to a computer)
   (b) somewhat (have access but want to use library equipment while in the library)
   (c) rarely (almost always prefer to use my own machine; I visit the library for other reasons)

5. How would you use the new equipment in the LRC?
   (a) Searching local databases
   (b) Searching the Galter Library's Health Information System
   (c) Searching the Internet/Web on your own
   (d) Preparing course materials/presentations for use inside the school
   (e) Preparing presentations for use outside of the school

6. What special equipment do you believe should be included in the new LRC? Tell us what about your multimedia needs.

7. What prevents you from expanding your use of multimedia in your Northwestern position?

8. What special programs (software) do you believe should be included in the new LRC?

9. Are you faculty, staff or student?

Please suggest other issues/topics about the new LRC that should be addressed. To avoid handling more paper, please respond to this survey via the Health Information System at http://www.ghsl.nwu.edu by using the Suggestion Box. If you do not have access to Netscape or another web browser, please respond by email to Marie Kenney, Program Assistant: **mkenney@nwu.edu**

**Barnes Learning Resources Center (LRC)**
Pat Anderson, M.I.L.S.
Media Librarian

## New AV PowerMacs

The Barnes Learning Resources Center is pleased to have a new Macintosh PowerMac 7100 AV up and running. The LRC now has four Macs with CD-ROM drives. This new PowerMac is capable of running advanced multi-media applications faster than older Macintoshes and has been connected to the University's network to take advantage of its speed.

## New Multimedia Programs

One new application is *Med Pics Histology/Pathology* from the University of California/San Diego School of Medicine. *Med Pics* has an easy to use interface with images divided into logical hierarchies. Images are customized for educational use by designating features the students should identify via the highlighting feature. This feature is unique because it highlights *exactly* the feature being discussed, and no other. A quiz feature allows the user to add and remove the supporting text from each image.

Also available on CD-ROM are *Embryonic Heart Development*, which features excellent animations, and *Prime Practice*, a new CME medical journal. *Prime Practice* includes a rich variety of information, including case studies with sound and movement, articles, interviews, and related information on the topic of the issue. The first two issues are devoted to cardiology and neurology.

Additionally, we have acquired a laser videodisc version of *The Complete Visible Human Male*, a project from the National Library of Medicine which has received much fanfare in the press. The disc contains both CT scans and cryosections of the entire body, over 1000 MRI images and is accessed via a Macintosh driven interface.

# Highlights of the 95th Annual Meeting of the Medical Library Association

*by Faith Ross, Associate Director*

"Health Information for the Global Village" was the theme of the Medical Library Association's annual meeting held in Washington D.C., May 7-10. The theme was conveyed throughout the conference by featured speakers from the fields of health, information and education.

Dr. Daniel R. Masys, Director of Biomedical Informatics at the School of Medicine, University of California, San Diego, gave advice to medical librarians dealing with the effects of managed care, during his Joseph Leiter NLM/MLA Lecture entitled "The Informatics of Health Care Reform." In his speech, Dr. Masys noted that librarians are in the best position to promote Internet use. Enhancing the visibility of library services, (by creating your own home page), will aid in the support of user needs for research. Dr. Masys' closing remarks encouraged librarians to ride the Internet wave and not be crushed by it.

MLA attendees packed the International Ballroom to hear Cokie Roberts, Broadcast Journalist, speak on "Health Care and Global Communications." This interesting and entertaining talk was a verbal snapshot of the current activities of Congress, in this 75th anniversary year of women's suffrage. Roberts quoted Susan B. Anthony, who in 1894 stated that the greatest trouble when working with Congress is that there is always a new set of men. Much of her talk contained a humorous discourse on the political climate in Washington and the recent passage of nine of the ten items in the Contract with America. There was a lively question and answer period where Roberts spoke about the use of polls by the media. She said that polls are simply not useful predictors, but a glimpse of what the public is feeling. In Roberts' view, she sees the main healthcare issues to be: portability of insurance; pre-existing conditions; allowing Medicaid to go to managed care; and insurance availability to the working poor.

In a refreshing change of pace from the usual presentation on coping with technostress, Jennifer James, the Medical Library Association's 1995 McGovern Lecturer, captivated her audience with vivid descriptions of the magnitude of change that humanity now faces and with recommendations for survival in these times of chaos. Dr. James is a cultural anthropologist from Seattle and a faculty member at the University of Washington. She is noted for her speaking and research on coping with criticism and women's health.

Because of the simultaneous changes in demographics, economics and technology, James proposes that the world is now in a "Grand Canyon of change". It is the most massive change that the world has ever seen. Since people can't absorb this much change, chaos occurs. When there's chaos, civilization has to find a new order and frame of reference.

James suggests that the key to surviving this unprecedented amount of change is understanding how man adapts. Man can no longer change gradually but must constantly evolve and consciously grow. Man must depend on myths that take us into the future, not into the past. James encourages us as individuals to stretch for what's above us rather than struggle with the technology below us. She also notes that these are revolutionary times with dramatic gender shifts.

The good news for librarians is that they find themselves in the cat-bird seat. Information skills, the librarian's specialty, will be the most critical skills in the new world order. The other good news is that technology will give us back our family life, indiscrim- inate access to information means that people can work anywhere in the world from their homes.

So just how do librarians take advantage of their cat-bird seats? According to James, there are several actions they can take. They must understand history. They must take care of their safety. If they don't feel safe, they won't be able to function. They must be on the cutting edge. Action generates energy. Last of all, they must remember that there's always chaos before you get to the next level of civilization.

The MLA conference addressed many interesting points of implementing technology into health sciences libraries. Many attendees remarked about the overwhelming presence of the Internet as seen in nearly half the conference's papers and programs.

Galter librarians provided their share of contributions in the poster session. James Shedlock, Library Director, Dan Barkey, Head of Information Systems and Faith Ross, Associate Director, presented "Designing Information Systems for the Virtual Library" that outlined development of the library's Web page. Tony Olson, Head of Technical Services, presented a poster entitled "Multiple Subject Systems in the Online Catalog" which showed how a program developed at the University Library is used at Galter to reconcile terminology conflicts in the libraries'

two major vocabularies, Library of Congress Subject Headings  and Medical Subject Headings (MeSH).  Another contribution from Northwestern came from Faith Ross and Pat Anderson, Media Librarian, and accepted by the Library Research Section. This poster dealt with "Factors in Student Selection and Demand of CAI Programs: Importance of Usability and Interface Issues."

Librarians also participated in association work.  Jim Shedlock served as chair of the Medical Informatics Section and introduced program speakers invited to discuss interface screen designs for library information systems; Eric Albright, Collection Development/Special Collections Librarian, attended meetings of the Continuing Education Committee and the JAMA Journal Review Committee; and Ron Sims, Assistant Dental Librarian, attended  meetings of  the  Dental  Libraries  Section  in  his  role  as  section newsletter editor.

In addition Galter staff participated in an informal meeting of the CIC Health Sciences Internet Working Group. The group, which first met at MLA in 1994, is part of the CIC's library initiative addressing information access projects. Representatives from nearly all of the Big Ten institutions were present.

## Wanted: Missing Issues
Susan Wishnetsky, A.M.L.S.
Acquisitions-Serials Librarian

Just a reminder that the next two months will not be a good time for us to accept large donations, since we are preparing to move to our new offices.  However, if you can supply any of the journal issues listed below, we welcome your donation with open arms!

*Academe*  v. 80, no. 6 (Nov/Dec 1994)
*Acta Cytologica*  v. 38, no. 2 (Mar/Apr 1994)
*Archives of Environmental Health*  v. 49, no. 5 (Sept/Oct 1994)
*Bone and Mineral*  supplement to v. `22 (1993)
*British Journal of Hospital Medicine*  v. 52, no. 7 (Oct 1994)
*Cardiology Clinics*  v. 12, no. 2 (May 1994)
*Computers & Medicine*  v. 23, no. 11 & Supplement (Nov 1994)
*Environmental & Molecular Mutagenesis*  v. 24,  no. 2 (1994)
*European Respiratory Journal*  v.7, no. 8 (Aug 1994)
*Israel Journal of Medical Sciences*  v. 30, no. 12 (Dec 1994)
*Journal of Immunological Methods*  v. 177, no. 2 (1994)
*Journal of the Korean Medical Association*  v. 37,  nos. 1-4 (1994)
*Journal of Motor Behavior*  v. 26, nos. 1-2 (1994)
*Journal of Neural Transmission*  Supplement no. 40 (1993)
*Survey of Ophthalmology*  v. 38, nos. 1-3 (July-Dec 1993)

## Staff News
Ramune Kubilius, M.A.L.S.
Head, Public Services

Sue London, Senior Reference Librarian, has left the Galter Library to work at Indiana University's Ruth Lilly Medical Library in Indianapolis.  Sue's new position is Head of Reference.  Sue joined Northwestern in 1987 and was actively involved in designing and teaching the library's portion of the problem-based-learning curriculum to medical students.

Frieda Afary, Technical Services Library Assistant   has left the Galter Library to pursue a degree in Library and Information Science at Rosary College.

Notice a few new faces in the library and Learning Resources Center? Introduce yourself to our two newest employees: Craig Jewell and Jon Jablonski. Craig is our new Library Clerk in the Interlibrary Loan office and Jon is the new Library Assistant in the Learning Resources Center.  Welcome!
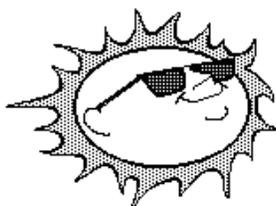
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*COPYRIGHT*

if the library certifies that only single copies of articles will be permitted and that copying be in accordance with the copyright law of the publisher's country.  Subscription rates under the contract are from three to six times higher than base rates which restrict copying.

Changes in the requirements for the academic tenure system with its "publish or perish" mandate can dramat-ically impact the movement to restrict the use of copy-righted works.  All national library associations have presented testimony and comments to the Work Group in response to the report recommendations in September.

There is a need for educators to take an active role in the copyright discussion to assure that the needs of faculty, students and libraries, as well as copyright holders, are not compromised in the attempt to make changes to the law due to the growing electronic environment.  There is considerable discussion about whether changes in the law are even needed.

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*Galter Health Sciences Library*
*Northwestern University*
*303 E. Chicago Avenue*
*Chicago, IL 60611*

## Summer Hours
### Friday, June 16 through  Monday, September 4

|  | **Galter Library** | **LRC** | **Dental Library*** |
|---|---|---|---|
| Mon. - Thurs. | 8:30am - 10:00pm | 9:00am - 9:00pm | 8:30am - 10:00pm |
| Friday | 8:30am - 6:00pm | 9:00am - 5:00pm | 8:30am - 6:00pm |
| Saturday | 9:00am - 5:00pm | 1:00pm - 5:00pm | 1:00pm - 5:00pm |
| Sunday | 12:00pm - 5:00pm | CLOSED | 1:00pm - 5:00pm |

The Galter Library, Dental Library and LRC will be closed:
Tuesday, July 4
Sunday, September  3
Monday, September 4

*Dental Library hours are shortened from August 5 - September 2:
Mon. - Fri.       8:30am - 6:00pm
Sat. - Sun.       CLOSED