

**Dartmouth Biomedical Libraries
Annual Report, FY08 (July 2007–June 2008)**

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Introduction: Mission and Core Priorities

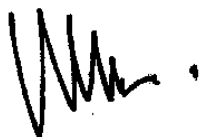
The mission of the Dartmouth Biomedical Libraries is to provide health and life sciences information resources and services that advance research and scholarship, education, and patient-care at Dartmouth Medical School (DMS), the Dartmouth-Hitchcock Medical Center (DHMC), The Dartmouth Institute for Health Policy and Clinical Practice (The Dartmouth Institute, TDI), and Dartmouth College.

There are two Biomedical Libraries: the Dana Biomedical Library at the Medical School's Hanover campus, and the Matthews-Fuller Health Sciences Library at DHMC, in Lebanon. The Biomedical Libraries are part of the Dartmouth College Library system.

The Biomedical Libraries' core priorities are

- *Information:* providing health and life sciences information that advances research and scholarship, education, and patient-care,
- *Education:* developing and implementing programs to train and educate faculty, staff, and students in the skills needed to effectively find, evaluate, and manage health and life sciences information, and
- *Communication:* partnering with clients, being familiar with their needs, and providing and promoting resources and services that meet those needs.

The Libraries' accomplishments and successes for FY08, and our goals for FY09, are highlighted in this report. See the appendices for statistical, financial, and other information.



William F. Garrity
Director
August 22, 2008

Highlights

- Initiation of a planning process for renovation and reconfiguration of the Dana Library.
- Redesign and revision of the [Biomedical Libraries Web](#) in concert with the entirety of the College Library.
- Successful education programs, including the second annual Dartmouth Summer Institute in Evidence-Based Psychiatry and Mental Health, and a new Institute in Evidence-Based Practice for Medical Librarians: Supporting Clinical Care.
- The eleventh annual [October Conference](#), "Surveys and Focus Groups: The Good, The Bad, and The Ugly."
- More than 3,800 e journals in the health and life sciences were linked to from the Biomedical Libraries Web. There were 815,710 articles accessed in 2007 by Dartmouth College and DHMC users from eight of the larger e journal publisher packages licensed by Dartmouth. This represents a 17% growth over 2006.
- Transition of CINAHL from Ovid to EbscoHost.
- Formation of important collaborations with and service to Dartmouth College, Biological Sciences, and DMS and DHMC.
- Launch and management of the [Health Education Center](#) at DHMC.
- Retention of excellent and outstanding staff. The vacant position of Associate Director/Research and Education Services was eliminated for FY09 due to fiscal exigency at DMS.
- Increased visibility in promotional activities (health fairs, open houses, and the like).



Personnel

See Appendix D for the Libraries' organization chart as of July 1, 2008. (The Libraries' current organization chart is available at <http://www.dartmouth.edu/~library/biomed/about/docs/chart.pdf>.)

Administration

- Lora Thompson resigned as Associate Director/Research and Education Services to become Director of Management Services in the College Library. (Due to fiscal exigency at DMS the position was eliminated for FY09.)
- Dave Izzo, Manager of Computing and Media Services, was recognized for his 28 years of service with Dartmouth College.
- Peggy Sleeth, Associate Director/Information Resources, was recognized for her 15 years of service with Dartmouth College.

Dana Library Access Services

- Marilyn Milham joined the staff as Library Services Assistant.
- Adrian Follette, Library Services Assistant (who earned her MLS in April 2007), took a position as Reference Librarian at the University of Southern California's medical library.
- Danelle Sweeney succeeded Adrian as Library Services Assistant.
- Peter Nowell joined the staff as Library Services Assistant. He also enrolled in the University of Wisconsin-Milwaukee's School of Information Studies, working toward a Masters of Library and Information Science.

Document Delivery

- Judith Lerner retired as Document Delivery Assistant.

Matthews-Fuller Library Access Services

- Theresa Ciambra resigned as Library Services Assistant.
- Jeremy Klockars succeeded Theresa as Library Services Assistant.
- Kerry Lazarus, Technical Processing Supervisor, was recognized for her 32 years of service with Dartmouth College.

Fiscal

See Appendix B for a financial summary. We were over budget in information resources and operating, under in compensation, and netted a positive variance that was returned to DMS.

Information Resources

Information resources were 51% of the Biomedical Libraries' total expenses. (See Appendix B. Compensation was 44% and operating, 5%.) Over \$1.7 million was spent in FY08 on digital and print books, journal subscriptions, clinical information tools, indexes, and other information resources. Journal price inflation continues to tax the budget and challenge our ability to maintain the breadth and depth of our information resources. After a slight easing in 2007, inflation rose to about 9% in 2008.

For FY09, we are fortunate to have an increase which meets the inflation costs of our current resources in support of research and patient care.

The transition from print to digital for current subscriptions continued, with more than 40 journals switched to digital-only for 2008. Over 90% of the Biomedical Libraries' journal subscriptions now have at least some availability online, and 80% are digital-only.

In addition to the Biomedical Libraries' own subscriptions, our clients have access to thousands of additional titles through the Dartmouth College Library's licensing of several large packages of ejournals.

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The 25 most-used biomedical journals across the university and medical center in 2007, counting both print and digital, were (in order of use)

- | | |
|--|------------------------------------|
| 1. New England Journal of Medicine | 10. Journal of Cell Biology |
| 2. Science | 11. Circulation |
| 3. Journal of Biological Chemistry | 12. British Medical Journal |
| 4. Nature | 13. Pediatrics |
| 5. Proceedings of the National Academy of Sciences | 14. Journal of Neuroscience |
| 6. JAMA | 15. Lancet |
| 7. Journal of Immunology | 16. Development |
| 8. Cell | 17. Annals of Internal Medicine |
| 9. Blood | 18. American Journal of Physiology |
| | 19. Journal of Clinical Oncology |

- 20. Journal of Experimental Medicine
- 21. Health Affairs
- 22. Journal of Cell Science

- 23. Genes and Development
- 24. Molecular and Cellular Biology
- 25. Current Biology

Appendix C provides usage statistics for several prominent digital information resources. Use of UpToDate, a clinical information resource, continued to grow rapidly, as did usage of Web of Science, a multidisciplinary article index and citation tracker. The Cochrane Library is growing in popularity as a source of evidence to support clinical decisions. Use of MD Consult, another clinical information resource, remained steady. Use of MEDLINE, the most prominent medical article index, is very difficult to track as it is available from many sources for which usage statistics are unavailable. PubMed, the primary vehicle for searching MEDLINE, does not provide usage statistics by affiliation or location of the user. We can only get statistics for those searches that start at a Dartmouth-specific URL, which is certainly only a part of the total use of PubMed by Dartmouth/DHMC personnel. (There are many other paths to PubMed.) Ovid MEDLINE received a new interface in FY08, but Ovid continues to decline in usage for MEDLINE as Biomedical Libraries' clients are encouraged to search PubMed. CINAHL, the nursing article index, moved from Ovid to EbscoHost in FY08. Ovid remains an important vendor for ejournals and ebooks.

Use of the Libraries

Appendices A and C provide detailed statistics on use of the Biomedical Libraries' services, facilities, and information resources.

Gate Count. The Libraries counted 191,343 people through the doors in FY08—a 17% drop from FY07.



Dana Biomedical Library

Information Transactions. At least 4,647 clients asked questions at our service desks—in person, by phone, or by email.

Circulation and Reserves. The number of physical items (primarily books) checked out of the Libraries was steady from FY07 to FY08. However, circulation of course material placed on physical reserve continues to decline, due to transitioning to digital format via Blackboard and eReserves.

Biomedical Libraries Web. Because more and more journals, books, and library services are now online, many clients now visit the Libraries virtually, not physically. There were three million hits on the Biomedical Libraries Web in FY08, up 32% from FY07. (Part of this increase is surely an artifact of staff working on the web redesign project.)



Matthews-Fuller Health Sciences Library

In-Library Journal Use. The count of journals picked up after in-library use was steady after a large decline from FY06 to FY07 (due to the transition of most current journals to digital format).

Document Delivery and Interlibrary Loan. Document delivery continues to be an extremely valued service. 16,953 copies of articles from journals in the Biomedical Libraries' collections were provided to clients (a 4% decrease from FY07). Another 10,739 items were obtained from other institutions for our users (an 11% increase). We watch these volumes carefully as part of judging the adequacy of the Libraries' information resources.

DartDoc, the College Library's document delivery system, was given a new, more streamlined interface in FY08.

The Biomedical Libraries supplied 5,151 articles and other items to libraries around the country. This was an increase of 35% from FY07, continuing a trend from a project that makes our holdings more visible to potential borrowing institutions.

Copying and Printing. Use of public copiers continues to plummet as more and more journals and course materials are made available in digital format, and so printed out rather than photocopied. Use of the Libraries' printers had historically risen dramatically year after year—1,131,781 pages in FY07, up 18% from FY06. However, in the spring of 2007, the GreenPrint management system was introduced in the Dana Library and contributed to a welcome 26% drop in pages printed.

Education

The Biomedical Libraries' education program is very rich, and touches on all aspects of finding and managing information. Education is one of our activities of which we are most proud.

Education programming declined a bit following a hefty increase from FY06 to FY07. The number of programs was 197 (down from 235 in FY07, but on par with prior years) and attendance was 2,191 (down from 2,742). The Libraries' educational activities included orientations, workshops, journal and book clubs, and grand rounds and other presentations. Participants included medical students (including transfers from CUNY's Sophie Davis School of Biomedical Education), nursing students and fellows, chaplaincy students, engineering students, MD/MBA students, surgical technology students, and undergraduate and graduate students in the life sciences; faculty; medical residents and fellows, physicians, nursing personnel, allied health professionals, patients, and the general public; Health Education Center volunteers; ILEAD students; and administrative, research, and support staff of the College, the Medical School, the Medical Center, The Dartmouth Institute, and Dartmouth-Hitchcock Alliance member hospitals.



Topics covered include Business Resources for Healthcare, EndNote and RefWorks, Google (introductory, advanced, and for scholarly research), Image Editing, MEDLINE (introductory and advanced), PowerPoint (introductory and advanced), SurveyMonkey, Evidence-Based Healthcare Information Resources, Collaborative Tools (on the web), Finding Nursing Articles, From Citation to Article: Getting the Full Text, Finding Published Articles: MEDLINE, Web of Science, Google Scholar, Search360, Google for Scholarly Research, Copyright and Fair Use, "Information Mastery" (research methods), Palliative Care Information Resources, and Creating Posters in PowerPoint.

Highlights of FY08 include:

- *Evidence-based practice.* Several Biomedical librarians are noted experts in aspects of evidence-based healthcare. We ran two institutes that leveraged this expertise for the healthcare and library communities. One was the **Second Annual Dartmouth Summer Institute in Evidence-Based Mental Health**, August 2007. This was our second year collaborating with Dartmouth's Psychiatric Research Center and the Department of Psychiatry. The course utilized small-group sessions with hands-on, case-based training to introduce the evidence-based process using topics in the areas of child, adolescent, adult, and geriatric mental health. The audience was all mental health professionals, including residents, trainees, and training directors. (The third annual "[Dartmouth Summer Institute](#)" was August 7–9, 2008.)
- Combining our general experience putting together institutes and conferences and our deep skills in evidence-based care, we developed a course for medical librarians who want to learn evidence-based concepts in order to support and teach evidence-based clinical practice at their institutions. The (first annual) **Supporting Clinical Care: An Institute in Evidence-Based Practice for Medical Librarians** was July 28–30, 2008. The enrollment of 25 learners @ \$850 was fully subscribed less than fifteen minutes after registration opened!
- *October Conference.* The annual October Conference for New England academic librarians (not just biomedical librarians) is one of the Dartmouth Biomedical Libraries' signature events. 2007's was "Survey and Focus Groups: The Good, The Bad, and The Ugly" (see http://www.dartmouth.edu/~biomed/services.html/OctCon2007/index_promo.shtml). 2008's (Friday, October 3) is "Space 2.0: Small-Scale Library Redesign Projects" (see <http://www.dartmouth.edu/~biomed/services.html/OctCon2008/index.shtml>).



October Conference 2007

- *Mouse Genomics.* We sponsored a workshop on mouse genomics taught by computational informaticists from The Jackson Laboratory. Over 65 scientists attended one of three back-to-back two-hour lectures.
- *Library Grand Rounds.* Programs in FY08 featured collaborations with Psychiatry, the Healthy Aging Center, Community and Family Medicine, and colleagues from the College Library. We have given 40 Library Grand Rounds since FY99.
 - "Information Resources for Dealing with Dementia: Decision Making in the Gray"
 - "Health Statistics: Hidden Treasures," parts I and II

Librarian Liaison Activities. Librarian liaisons provided a variety of education and outreach programs, including orientations, workshops, and journal clubs, to the following entities:

- The Dartmouth Institute
- Nursing
- Franklin Pierce School of Nursing
- Child Psychiatry
- Geriatric Psychiatry
- Life Sciences (Biology, Ecology, etc.)
- Pathology
- Dermatology
- Pharmacology/Toxicology
- Chaplaincy
- DHMC Information Desk Staff
- Obstetrics/Gynecology
- DHMC Compliance and Audit Services
- DHMC/DMS Development
- Radiology
- Tuck
- ILEAD
- Cardiology
- Anesthesiology
- Hematology/Oncology
- Molecular and Cellular Biology
- Psychology
- Physiology
- Rheumatology
- Community and Family Medicine
- General Internal Medicine
- Pediatrics
- Graduate Medical Education
- Health Education Center
- Urology
- Thayer
- New London Hospital
- Central Vermont Medical Center
- Obstetrics and Gynecology

For a complete list of librarian liaisons and designated departments, see <http://www.dartmouth.edu/~library/biomed/services/liaison.html>.

Dartmouth Medical School Curriculum

- For several years now, Dartmouth Medical School students in their first- and second-years are able to sign up for the "Book Club" enrichment elective. The objectives of the book club are to give students the opportunity to explore medical issues in a relaxed, comfortable, "book-talking" environment, and to bring together students and librarians outside of the usual library-user relationship. This year's topics included "Being and Becoming a Doctor" (Fall 2007) and "Ethical Dilemmas in Medicine" (Winter 2008). (The book clubs are so popular that we will be extending them to the third- and fourth-years.)
- Library orientations for DMS first-, second-, and third-year students were offered.
- We provided special orientations for students transferring to Year III from CUNY's Sophie Davis School of Biomedical Education.
- We were involved in assignments in On Doctoring (Year I) and SBM/Hematology (Year II).
- We taught in Problem-Based Learning (Year II).
- Librarians provided presentations in the Interdisciplinary Clinical Experience (Year III) and various clerkships in years III and IV.



Studying in the Dana Library

Collaborations

The Biomedical Libraries engaged in numerous collaborations during FY08.

- *CTSA*. The Libraries are contributing to the grant application for an NIH Clinical and Translational Science Award.
- *Medical Informatics*. The Libraries, along with clinical informatics and bioinformatics at DHMC, are heightening Dartmouth's awareness of the utility of an institutional medical informatics program. We are sponsoring a bimonthly grand rounds featuring outside speakers alternating with a bimonthly faculty informatics interest dinner.
- *Tuck and the CCEHS*. The Libraries are involved with the Center for Continuing Education in the Health Sciences and the Tuck School of Business to organize a "mini-MBA" business skills series for section chiefs and practice managers.
- *Arts and Sciences*. Biomedical librarians cooperated with Baker-Berry librarians to support psychology undergraduate classes.
- *New Hampshire Humanities Council: Literature and Medicine Program*. "Literature and Medicine: Humanities at the Heart of Health Care" is a nation-wide hospital-based reading and discussion program for healthcare workers. Participants included physicians, residents, nurses, support staff, and clinical and program coordinators. Suzanne Brown, PhD, a Visiting Assistant Professor of English at Dartmouth College, was the discussion leader.
- *DHMC CIS*. The Libraries are supporting DHMC Clinical Information Systems staff in taxonomizing evidence-based order sets integrated in clinical information systems.
- *Health Education Center*. The HEC is a resource that serves as a point of entry into the care process at DHMC and provides ongoing health education, counseling, and decision support for patients and their families. The Biomedical Libraries administer the HEC under the sponsorship of DHMC's Vice President for Public Affairs and Marketing and in collaboration with the Center for Shared Decision Making, the Center for Continuing Education in the Health Sciences, the Comprehensive Breast Program, and DHMC's Volunteer Services.
- *Neurology*. The Biomedical Libraries continues our collaboration with the Department of Medicine/Section of Neurology on a study, "Targeted psychoeducational intervention to improve immunotherapy treatment adherence and quality of life in multiple sclerosis." The Biomedical Libraries are responsible for one of the education modules in the study: "finding reliable health information."

Committees and Other Groups

Biomedical Libraries staff served on numerous College, College Library, DMS, and DHMC groups in FY08 and generally contributed broadly to institution-wide activities. Some examples follow.

Internal

- In the College Library, staff served on the Steering Committee for the Provost's review of the College Library, the College Library Web Redesign Group, the Diversity Committee, the Collections Management and Planning Group, the Education and Outreach team, the Marketing and Communications Group, the Staff Development Committee, the User Assessment Group, User Services Group, the Promotion Review Committee, Library Management Group, and the Next Generation Library Systems Taskforce.

- In the College, staff represented the Medical School in the Council on Computing (a faculty oversight group) and the Web Strategy Advisory Committee. Staff facilitate the "Science-in-Sight" multimedia effort that is part of constructing the Life Sciences Center.
- In the Medical School, staff served on the Medical Education (curriculum) Committee and the Strategic Planning Steering Committee.
- In the Medical Center, staff represented the Biomedical Libraries or the Medical School in the CME (Continuing Medical Education) Committee, both the GME (Graduate Medical Education) Advisory and Curriculum committees, Department Directors, and the Information Systems Steering Committee (a board-level group overseeing IT at DHMC), including chairing its Messaging, Collaboration, and ICT Support Subcommittee. Various librarians serve on internal residency review committees.

External

- North Atlantic Health Sciences Libraries is the New England chapter of the Medical Library Association. Many Biomedical Libraries staff took part in planning the annual conference in October (this year, in Woodstock, VT), including co-chairing the conference planning committee, chairing the sponsorship and local arrangements subcommittees, and teaching.
- The director is a member of AAHSL's (Association of Academic Health Sciences Libraries) Future Leadership Task Force.

Staff Development

The Biomedical Libraries continue to support the development of staff. Activities in FY08 included the following:

- Annual meetings of the Medical Library Association, North Atlantic Health Sciences Libraries, the American Library Association, the Association of American Medical Colleges, and AAMC's Northeast Group on Educational Affairs
- NorthEast Regional Computing workshops
- Dartmouth College Library workshops, presentations, and Spotlight series

Publications and Presentations

- Staff and psychiatrists had accepted for publication in *Academic Psychiatry* a paper about our joint institute.
- Staff (Karen Odató) was a Librarian Preceptor at McMaster University's week-long EBM workshop in June 2008. This was her third year teaching in this renowned course.
- The Biomedical Libraries' quarterly newsletter, *The Pulse*.

Library Services to Dartmouth-Hitchcock Alliance Members

The Biomedical Libraries continued to provide services under contract to four Dartmouth-Hitchcock Alliance hospitals: Central Vermont Medical Center (Barre, VT), Cooley Dickinson Hospital (Northampton, MA), Weeks Medical Center (Lancaster, NH), and New London Hospital (New London, NH).

Exhibits

The Dana Library launched an arts program using wall space freed up by FY07's renovation of the first floor. Exhibitions included photographs by Mort Wise and Sandy Adams, art from various members of the College Library staff (John Crane, Phyllis Nemhauser, Marilyn Milham, Judith Lerner, and Owen McDowell), and monoprints by Deb Jayne.



Mort Wise Reception

The Matthews-Fuller Library continued to offer its space to the DHMC Arts Program for quarterly artist receptions, and displayed photographs by Ayaz Asif.

Informational exhibits in Dana Library included "Nature's Variability" (graduate student Tom Morrison's research on identifying animals in Tanzania by their markings), "C. Everett Koop" (bio of the former Surgeon General and DMS professor), "Mary Lasker" (bio of the philanthropist), "Service to our Users" (orientation display), "American Indian Heritage Month," "Fascinating Facts about the Trees of Dartmouth College," and "Global Warming."

Facilities

Dana Biomedical Library

The less-than-ideal condition and ambiance of the Dana Library continue to be major concerns. The Medical School and Arts and Sciences (the College Library) have agreed that the facility will be needed for at least the next fifteen years and requires improvements. The two entities have initiated a planning process to fully describe needs, prioritize them, and fund the work.



FY09 Goals

The Biomedical Libraries' vision is to be embedded in Dartmouth's health and life sciences communities with focuses on information, education, and communication. We are alert for opportunities to involve the Libraries in Dartmouth's work. We promote library and information resources and services and match them to clients' needs.

Fiscal. Due to significant DMS fiscal constraints, FY09 will be a challenging year for the Biomedical Libraries. While we are fortunate to have an increase which meets the inflation costs of our current information resources in support of research and patient care, there are major changes to effect in FY09, including the elimination of the Associate Director/Research and Education Services position and trimming staff development activities and operating expenses (office supplies; printer toner; and equipment, including computers for staff and clients).

Personnel. Establish accommodations (personnel structures and responsibilities, processes) to cope with eliminating the Associate Director/Research and Education Services position.

Communication and Collaboration. Encourage active communication practices across the Libraries.

Information Resources.

- Continued education of DMS, DHMC, and Biological Sciences' leaderships about the economics of information and appropriate levels of support for Dartmouth's health and life sciences communities.
- Support efforts to communicate to Biomedical Libraries staff and clients about issues in scholarly publishing.
- Ongoing projects to weed the Dana Library's monographs and journals and make transfers from Dana Special and the Locked Grill. (The work is as on-track as possible given available personnel/process resources within both the Biomedical Libraries and the College Library, and given the lack of College Library storage space.)
- Continue major journal shifts, specifically moving 1976–1980 volumes from Dana 2 to Basement and redistributing Dana 2 to allow for transfer from the Matthews-Fuller Library and growth.

Education. Regardless of staffing considerations (or especially because of them), we need to review our education programming for Dartmouth's health and life sciences communities.

- Define presence in DMS curriculum.
- Define presence in Biological Sciences curriculum.

The Liaison and Library Advisor Programs. We reviewed the programs and were to re-energize them during FY08. That got put on hold for the recruitment of the associate director. Now that this recruitment has ceased, we will have to address the goal in the context of coping with the position elimination. We continue to focus on excellent client service.

Facilities.

- A planning group has been established with membership from the Biomedical Libraries, DMS and College facilities, the Medical Education office, and Biological Sciences. We are charged with articulating a vision for a renovated and reconfigured Dana Library; describing, costing, and prioritizing needs; and proposing a project schedule.
- Dana Access Services staff space: procure and install new furniture.

- First floor service counter: procure and install.
- Quinn Room: with the transfer of Dana Special, that space could become a mini-reading room and display space.
- Monitor development of the Koop Medical Sciences Complex at DHMC and undergraduate Life Sciences Center in Hanover for incorporation of Libraries space.

Health Education Center. The HEC is operational. We need to assess long- and short-term leadership of the center, including clarifying roles and responsibilities, promotion to DHMC staff and leadership, and pursuing relevant funding opportunities.

Dartmouth-Hitchcock Alliance. For FY09, the Alliance is transforming from a governance organization to a limited liability corporation; at the same time (but not driven by this change), the Biomedical Libraries-sponsored information resources available to the Alliance are eliminated. We need to transition these issues with the contracted hospitals.

Development/Institutional Advancement.

- Donor stewardship: continue to engage the Libraries' supporters.
- Make DHMC/DMS Development aware of opportunities for the Biomedical Libraries.

Visibility. Promote the Biomedical Libraries' work in the profession: EBM, the institutes, the October Conference, AAHSL, various collaborations. Publish and be more visible in organizations like MLA and AAHSL.



Dana Biomedical Library

Appendix A: General Service Statistics

	2003/2004	2004/2005	2005/2006	2006/2007	2007/2008	% change
	FY04	FY05	FY06	FY07	FY08	FY07 to FY08
GATE COUNT¹	274,435	233,608	232,112	230,357	191,343	-17%
HITS ON BIOMEDICAL LIBRARIES WEB						
From Dartmouth Domain	803,906	725,515	606,010	624,176	814,746	31%
From DHMC Domain	781,715	831,230	799,501	888,164	1,242,827	40%
All Others	452,878	569,549	628,311	712,325	878,428	23%
Total	2,038,499	2,126,294	2,033,822	2,224,665	2,936,001	32%
TOTAL BUDGET	\$3,186,005	\$3,231,998	\$3,267,252	\$3,127,928	\$3,399,702	9%
INFORMATION RESOURCES						
Expenditures (all sources)						
Monographs	\$60,852	\$48,035	\$68,908	\$64,095	\$64,636	1%
Serials	\$1,211,275	\$1,314,764	\$1,438,921	\$1,515,930	\$1,628,328	7%
Binding	\$28,574	\$26,137	\$20,679	\$12,927	\$11,651	-10%
Total	\$1,300,701	\$1,388,936	\$1,528,508	\$1,592,952	\$1,704,615	7%
Holdings						
Books	98,349	96,498	95,152	93,569	94,121	1%
Serial Volumes	162,395	164,591	166,185	165,407	166,816	1%
Microforms	13,059	13,059	13,059	13,059	13,059	0%
Other Formats	28,391	28,620	28,591	27,919	28,026	0%
Total Collection Size	302,194	302,768	302,987	299,954	302,022	1%
Subscriptions	2,013	1,923	1,960	N/A		
Ejournals linked on BL Web, 6/30	3,051	3,335	3,713	3,795	3,849	1%

¹ Pre-FY05 based on prorating counts made during 12 "statistics weeks" per year; FY05 and forward are actual counts for entire year.

CIRCULATION	43,833	31,239	26,589	22,637	24,402	8%
External	17,936	17,588	16,790	17,479	19,484	11%
Reserves	5,063	3,855	3,180	1,953	1,705	-13%
In-house	20,586	9,461	6,529	3,181	3,213	1%
INFORMATION CONTACTS²						
Equipment		1,296	1,050	974	694	-29%
Directional		2,789	2,001	1,174	1,109	-6%
Basic Reference		5,201	3,431	2,307	2,177	-6%
In-depth Reference		1,250	866	830	667	-20%
Total		10,536	7,348	5,285	4,647	-12%
EDUCATIONAL SERVICES						
Programs	211	213	182	235	197	-16%
Attendance	2,959	2,348	2,334	2,742	2,191	-20%
Contact Hours	255	236	259	317	282	-11%
INTERLIBRARY LENDING/BORROWING						
Items Lent	4,773	5,128	4,290	3,822	5,151	35%
Photocopies	4,452	4,674	3,833	3,944	4,639	18%
Books and other "returnables"	321	454	457	417	512	23%
Requests Received	5,984	6,633	5,199	4,532	6,205	37%
Items Borrowed	11,509	11,417	11,400	9,694	10,739	11%
Photocopies	10,928	10,537	10,807	9,093	10,131	11%
Books and other "returnables"	480	880	593	601	608	1%
PHOTOCOPY SERVICES (articles)						
DartDoc/Biomed Collections	17,151	18,051	18,805	17,734	16,953	-4%
DartDoc/From Other DCLs	574	628	651	582	480	-18%

² FY05 projected from counts for February 2005-June 2005.

Fee-based Service	835	758	970	520	954	83%
For Contracting DHA Institutions	352	385	789	405	409	1%
For Russian Libraries	729	586	721	545	554	2%
Total Articles	19,641	20,408	21,936	19,786	19,350	-2%
PHOTOCOPYING (pages)						
Public Copiers	173,120	101,773	64,106	55,666	27,635	-50%
Staff Copiers	170,871	123,403	154,118	166,361	154,431	-7%
Total	343,991	225,176	218,224	222,027	182,066	-18%
LASER PRINTING (pages)	832,960	850,936	955,333	1,131,781	840,023	-26%

Appendix B: FY08 Budget and Actual

	Budget			Actual			% DMS Actual
	Arts and Sciences	DMS	Total	Arts and Sciences	DMS	Total	
Revenues	704,934	2,694,768	3,399,702	730,686	2,717,884	3,448,570	79%
Subvention	704,934	2,563,786	3,268,720	721,386	2,563,786	3,285,172	78%
Endowments	0	0	0	0	37,772	37,772	100%
Other	0	130,982	130,982	9,300	116,326	125,626	93%
Expenses	704,934	2,694,768	3,399,702	730,686	2,707,937	3,438,623	79%
Compensation	144,334	1,432,932	1,577,266	164,978	1,348,676	1,513,654	89%
Info Resources	560,600	1,155,932	1,716,532	565,708	1,182,000	1,747,708	68%
Other (operating)	0	105,904	105,904	0	177,261	177,261	100%
Positive variance returned to DMS					9,947	9,947	

Arts and Sciences (College Library) does not reflect value of central processes and systems.

DMS does not show indirects passed to university for Arts and Sciences.

Appendix C: Digital Resource Usage

	2003	2004	2005	2006	2007
MD Consult					
Total User Sessions	20,961	19,022	18,957	23,098	22,077
% change from previous year		-9.3%	-0.3%	21.8%	-4.4%
UpToDate					
Topic Reviews Accessed	103,281	123,991	153,793	170,991	212,904
% change from previous year		20.1%	24.0%	11.2%	24.5%
Web of Science					
Sub-sessions	23,176	25,385	30,750	75,941	94,575
% change from previous year		9.5%	21.1%	147.0%	24.5%
Cochrane Database of Systematic Reviews					
Full-text retrievals			913	1509	2072
% change from previous year				65.3%	37.3%
Images.MD					
Images viewed	5,342	5,719	4,613	5,503	2,722
% change from previous year		7.1%	-19.3%	19.3%	-50.5%
PubMed (MEDLINE)					
Accesses using via Biomed Libs Web ³	30,960	54,569	77,122	86,848	69,647
% change from previous year		76.3%	41.3%	12.6%	-19.8%
Ovid					
Total Search Sessions	162,386	130,790	109,574	79,587	79,351
% change from previous year		-19.5%	-16.2%	-27.4%	-0.3%
MEDLINE search sessions	97,071	77,222	40,229	28,652	24,473
% change from previous year		-20.4%	-47.9%	-28.8%	-14.6%
CINAHL search sessions	5,552	4,392	1,999	2,335	8,622
% change from previous year		-20.9%	-54.5%	16.8%	269.3%
MEDLINE from other providers					
CSA (sessions)				770	673
EbscoHost (sessions)				831	597
Web of Knowledge (subsessions)				457	377

³ Does not count accesses through other routes such as Google, Search360, direct, or referrals.

Major Journal Packages - Full-text Article Downloads						
	2003	2004	2005	2006	2007	% Change
Blackwell	20,500	31,752	31,766	40,870	incl SchStats ⁴	
Elsevier	112,901	176,648	190,969	209,533	incl SchStats	
HighWire		217,937	267,958	270,608	incl SchStats	
Nature	38,848	43,805	62,874	64,602	58,653	-9%
Ovid	55,691	32,839	29,700	25,868	25,418	-2%
Oxford Univ. Press		16,897	25,761	33,029	incl SchStats	
Scholarly Stats (includes Blackwell, Elsevier, HighWire, Oxford, Springer, Wiley, and others)					731,639	
Springer/Kluwer		25,987	20,120	25,082	incl SchStats	
Wiley	30,851	22,034	24,469	26,105	incl SchStats	
TOTAL	258,791	567,899	653,617	695,697	815,710	17%

⁴ Included in "Scholarly Stats," below.

Appendix D: Biomedical Libraries Organization

