

**Dartmouth Biomedical Libraries
Annual Report, FY07 (July 2006-June 2007)**

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Introduction: Mission and Core Priorities

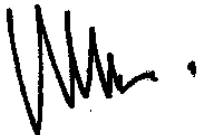
The mission of the Dartmouth Biomedical Libraries is to provide health and life sciences information resources and services that advance research and scholarship, education, and patient-care at Dartmouth Medical School (DMS), the Dartmouth-Hitchcock Medical Center (DHMC), the Institute for Health Policy and Clinical Practice,¹ 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 FY07, and our goals for FY08, are highlighted in this report. See the appendices for statistical, financial, and other information.



William F. Garrity
Director
July 30, 2007

¹ As of August 1, 2007, the Center for Evaluative Clinical Sciences is separate from the Dartmouth Medical School and renamed the Institute for Health Policy and Clinical Practice.

Highlights

- Completion of Dana Library's first floor renovation; new office space for Computing and Media Services staff in Dana Library.
- Completion of several library assessments, which provided valuable feedback from our clients.
- Successful education programs, including the first annual Dartmouth Summer Institute in Evidence-Based Psychiatry, the "Using NCBI Molecular Biology Resources" lecture and hands-on training, and introduction of new workshop topics (SurveyMonkey, Business Resources for Healthcare Managers, Image Editing, and Google searching).
- Milestone: the tenth annual [October Conference](#) .
- Addition of more than forty new journals and other resources, including *Nature Protocols* and the full-text content of both current and archived articles from 11 American Society for Microbiology journals.
- Formation of important collaborations with Dartmouth College Library, Biological Sciences, and DMS and DHMC.
- Retention of excellent and outstanding staff.
- Participation in international activities, including the Director's visit to Hanoi and hosting a visit to Dartmouth by Dr. Alli Mcharazo, former senior librarian at Muhimbili University College of Health Sciences and the chairman of the Tanzanian Library Association.
- 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, 2007. (The Libraries' current organization chart is available at <http://www.dartmouth.edu/~biomed/about.html#Chart.pdf> .)

Administration

- Bill Garrity, Director of Biomedical Libraries, was recognized for his ten years of service with Dartmouth College.

Computing and Media Services

- Don Fitzpatrick, Internet Resources Specialist II, was recognized for his ten years of service with Dartmouth College.

Dana Access Services

- Adrian Yoko Follette, Library Services Assistant, received her Master of Library and Information Science from the University of Pittsburgh in June 2007.
- Susan Jorgensen, Access Services Supervisor, was recognized for her ten years of service with Dartmouth College.
- Jill Wilcox left her Stacks Supervisor position in the fall of 2006. Her position was transitioned to a Library Services Assistant. Marilyn Milham was hired for this position and began July 23, 2007.
- Liana Potgieter served as a half-time Library Services Assistant in a temporary position from August 2006 through February 2007.

Document Delivery

- Christopher Curtis was promoted from Document Delivery Assistant I to Document Delivery Assistant II in April 2007.

Information and Education Services

- Tom Mead, Research and Education Librarian, was promoted to Librarian IV, the highest professional level for a librarian at Dartmouth.
- Heather Blunt, Research and Education Librarian, was recognized for her 15 years of service with Dartmouth College.

Matthews-Fuller Access Services

- Kerry Lazarus, Technical Processing Supervisor, was recognized for her 31 years of service with Dartmouth College.

The Biomedical
Libraries
staff



Fiscal

See Appendix B for a financial summary. We were under budget in information resources, and over in compensation and operating, but used unspent endowment distribution as offset.

Information Resources

Support for information resources accounted for 49% of the Biomedical Libraries' total expenses. Nearly \$1.62 million was spent in FY07 on digital and print books, journal subscriptions, clinical information tools, indexes, and other information resources. Journal price increases continue to tax the budget and challenge our ability to maintain the breadth and depth of our information resources, although the rate of increase eased slightly in 2007.

As a result of budget support, transitions to digital-only, and adjustments to digital journal packages, the Libraries were able to add more than 40 new journals and other resources, including Ovid's Lippincott Williams and Wilkins "Hospital Collection" of 30 ebooks and the American Society of Microbiology's package of 11 ejournals. More than 65 journals were transitioned to digital-only. Fewer than 10 titles were canceled outright.

Over 85% of the Biomedical Libraries' journal subscriptions now have at least some availability online, and 63% 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.

A total of 3,795 ejournals in the health and life sciences were linked to from the Biomedical Libraries Web. 695,697 articles were accessed in 2006 by Dartmouth College and DHMC users from eight of the larger ejournal publisher packages licensed by Dartmouth. This represents 6% growth over 2005.

The 25 most-used biomedical journals across the university and medical center in FY07, counting both print and digital, were

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

- | | |
|---|--|
| 18. <i>Genes and Development</i> | 22. <i>Journal of Bone and Joint Surgery</i> |
| 19. <i>Journal of Experimental Medicine</i> | 23. <i>Health Affairs</i> |
| 20. <i>Journal of Clinical Oncology</i> | 24. <i>Nature Medicine</i> |
| 21. <i>Current Biology</i> | 25. <i>Plant Physiology</i> |

Appendix C provides usage statistics for many of the prominent digital information resources. Use of *UpToDate*, a clinical information resource, continued to grow rapidly. Use of *MD Consult*, another clinical information resource, and of *Web of Science*, a multidisciplinary article index, both grew sharply, perhaps as a result of their inclusion in Search 360. (Search 360 is the Dartmouth College Library's implementation of WebFeat, a federated search engine that allows users to search many databases at once.) *Ovid MEDLINE* continues to decline in usage as Biomedical Libraries' clients are encouraged to search *PubMed*.

Use of the Libraries

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



The Dana Biomedical Library

Gate Count. The Libraries counted 230,367 people through the doors in FY07—essentially the same as in FY06.

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 2,034,000 hits on the Biomedical Libraries Web, up 9% from FY06.

Information Transactions. 5,285 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 rose 4%. However, circulation of course material placed on physical reserve continues to decline, due to transitioning to digital format via Blackboard and ereserves.

In-Library Journal Use. The count of journals picked up after in-library use continues to decline due to the transition of most current journals to digital format.

Document Delivery and Interlibrary Loan. Document delivery continues to be a valued service. 17,734 copies of articles from journals in the Biomedical Libraries' collections were provided to clients. Another 9,694 items were obtained from other institutions for our users. Both of these numbers, while remaining quite high, are down from



The Matthews-Fuller Health Sciences Library

FY06, perhaps reflecting a strengthening of the Libraries' collections over the past few years, improved direct linking to articles from indexes, and the growing online availability of older articles from some publishers. A continuation of the increase in document delivery requests experienced in the past several years would have been difficult to sustain, so this decline is welcome.

The Biomedical Libraries supplied 3,822 articles and other items to libraries around the country. This was a decrease of 14% from FY06, although lending rose sharply in the 4th quarter due to a project that has made our holdings more visible to potential borrowing institutions. We expect the upward trend to continue through FY08.

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 copied. For the same reason, use of the Libraries' public printers continues to rise dramatically—1,131,781 pages in FY07 (up 18% from FY06). In the spring of 2007, the GreenPrint management system was introduced in Dana and is expected to reduce wasted and trivial printing.

Education

Education programming continues to grow, with an increase in number of programs totaling 235, up 29% from FY06, and total attendance of 2,742, up 17%. The Libraries' educational activities continue to include orientations, workshops, grand rounds, and other presentations. Participants included medical students; undergraduate and graduate students in the life sciences; residents, faculty, physicians, nursing personnel, allied health professionals, patients, and the general public; staff of the College, the Medical School, the Medical Center, and Dartmouth-Hitchcock Alliance member hospitals; and other libraries.



Highlights of FY07 include:

- *Dartmouth Summer Institute in Evidence-Based Psychiatry.* Dartmouth Biomedical librarians were central participants in the first annual "Dartmouth Summer Institute in Evidence-Based Psychiatry," August 16-19, 2006. (See <http://dms.dartmouth.edu/dsi/>.) This innovative program was co-sponsored by Dartmouth's Psychiatric Research Center, Department of Psychiatry, and the Biomedical Libraries. The second annual "Dartmouth Summer Institute in Evidence-Based Mental Health" is scheduled for August 9-11, 2007.
- *October Conference.* The Biomedical Libraries offered our tenth annual October Conference—"Cool Tools and New Technologies"—October 27, 2006. Librarians, primarily from New England, traveled to Dartmouth to hear from a variety of speakers, including Roy Tennant, Meredith Farkas, Ken Varum, and Gabe Rios. (See <http://www.dartmouth.edu/~biomed/services.html/OctCon2006/>.)
- *Library Grand Rounds.* Programs in FY07 featured collaborations with Dartmouth College, the College Library, and DHMC.
 - "[Collaborative Tools](#)" (Karen Odatto, Biomedical Libraries, and Susan Fliss, Director of Education and Outreach, Dartmouth College Library). Tuesday, May 29, 2007.
 - "[Surveys: Why, When, and How](#)" (Pamela Bagley, Biomedical Libraries, and Gavin Henning, the College's Director of Student Affairs Planning, Evaluation, and Research). Monday, March 12, 2007.
 - "[Business Information Resources for Healthcare Managers](#)" (Cindy Stewart, Biomedical Libraries, and Feldberg librarians—Anne Esler, Sarah Buckingham, and Karen Sluzenski). Monday, December 18, 2006.
 - "[Cool Tools and Technologies: Convergence in Computing and Libraries](#)" (Bill Garrity, Biomedical Libraries, and Bill Weyrick, Senior Manager of User Support, Dartmouth-Hitchcock Information Systems). Tuesday, September 19, 2006.

For additional information, see <http://www.dartmouth.edu/~biomed/new.html/lgr.shtml>.

- *Using NCBI Molecular Biology Resources: A Lecture and Hands-On Workshop.* Bioinformatics training specialists from the National Center for Biotechnology Information (NCBI) traveled to Dartmouth on March 21, 2007, to present their highly regarded program, "A Field Guide to GenBank and NCBI Molecular Biology Resources." Participants received a three-hour morning lecture followed by a two-hour instructor-led computer workshop. The course provided practical information about GenBank, RefSeq, and integrated genome resources, as well as the other databases maintained by the NCBI.

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

- Center for Evaluative Clinical Sciences (CECS)
- Nursing
- Geriatric Psychiatry
- Child Psychiatry
- Life Sciences (Biology, Ecology, etc.)
- Pathology

- Pharmacology/Toxicology
- Chaplaincy
- DHMC Information Desk Staff
- Obstetrics/Gynecology
- DHMC Compliance and Audit Services
- DHMC/DMS Development
- Radiology
- Anesthesiology
- Hematology/Oncology
- Molecular and Cellular Biology
- Psychology
- Pediatrics
- Graduate Medical Education

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

Dartmouth Medical School Curriculum

- For the fifth term in a row, Dartmouth Medical School students in their first and second years were 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 were "Cultural and Gender Diversity" (Fall Term, September-December) and "Living with Illness" (Winter Term, January-April).
- Library orientations for DMS first- and second-year students were offered.
- We were involved in assignments in On Doctoring (DMS Year I) and SBM/Hematology (DMS Year II).
- We taught in Problem-Based Learning (DMS Year II).
- Librarians provided presentations in the Interdisciplinary Clinical Experience (DMS Year III).

Collaborations.

The Biomedical Libraries engaged in numerous collaborations during FY07.

- *Feldberg Library.* The Biomedical Libraries and the Feldberg Business and Engineering Library partnered to support two interdisciplinary courses based in the Thayer School: ENGS 5, "Healthcare and Biotechnology in the 21st Century," and ENGS 13, "Virtual Medicine and Cybercare." Also, a Feldberg librarian (Anne Esler) was admitted gratis to the Summer Institute in Evidence-Based Mental Health as a way to learn about the evidence-based concept. Biomedical and Feldberg librarians also co-taught classes about business information resources and tools to DHMC administrators.
- *Arts and Sciences.* Biomedical librarians cooperated with Baker-Berry librarians to support psychology undergraduate classes.
- *Yale University.* The Libraries, in partnership with staff at Yale's medical library, created a web-based tool institutions can customize to help clinicians find and use information resources that support evidence-based healthcare. See http://www.dartmouth.edu/~biomed/resources.html#guides/ebm_resources.shtml.
- *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. It was launched at DHMC in FY07 by the Biomedical Libraries. 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.
- *Humanitarian Health Conference.* The Biomedical Libraries provided support to the first annual Humanitarian Health Conference, September 8-10, 2006. The conference was jointly sponsored by Dartmouth Medical School and the Harvard Humanitarian Initiative and was held on the Dartmouth and DHMC campuses. It brought together 43 NGOs and foundations, academics, and UN agencies to discuss key issues facing the humanitarian health enterprise. For a final report, see http://hhi.harvard.edu/articles/HHC_Conference_Report_2006.pdf.
- *DHMC CIS.* The Libraries and DHMC Information Systems staff began planning to integrate appropriate evidence-based information within the electronic patient record.
- *Health Education Center.* Plans are underway to establish a Health Education Center at DHMC. Under the sponsorship of DHMC's Vice President for Public Affairs and Marketing, the Biomedical Libraries are

collaborating with the Center for Shared Decision Making, the Center for Continuing Education in the Health Sciences, the Comprehensive Breast Program, DHMC's Volunteer Services, and other units to create a resource that will serve as a point of entry into the care process at DHMC and provide ongoing health education, counseling, and decision support for patients and their families. The HEC is expected to open in September 2007.

- 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."
- The Biomedical Libraries are collaborating with Brent Harris (Pathology) and an interdisciplinary team from DMS on information and communication technologies literacy and assessment in medical education. The immediate effort is focused on Dartmouth, but we hope to offer the model broadly.

Committees and Other Groups

Biomedical Libraries staff served on numerous College Library, College, DMS, and DHMC groups in FY07 and generally contributed to institution-wide activities. These include:

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 various search committees.
- In the College, staff represented the Medical School in the Council on Computing.
- In the Medical School, staff served on the Medical Education (curriculum) 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, and Department Directors. Bill Garrity is a member of the Information Systems Steering Committee, a board-level group overseeing IT at DHMC.

External.

- Several Biomedical Libraries staff are serving on the Conference Planning Committee for the North Atlantic Health Sciences Libraries (NAHSL) annual meeting scheduled for October 2007 in Woodstock, VT.
- Lora Thompson is co-chairing the planning committee for the Medical Library Association 2008 meeting in Chicago.
- Lora is chair-elect of the Northeast Group on Educational Affairs (NEGEA) special interest group, Librarians in Medical Education. NEGEA is a constituent group of the Association of American Medical Colleges.
- Bill Garrity 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 FY07 included the following:

- The Charleston Conference, an annual gathering of librarians, publishers, digital information resource managers, consultants, and vendors of library materials.
- ACRL/Harvard Institute for Academic Librarians.
- 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 workshop, "Train the Trainer: Graphic Design for Printed Materials."
- Dartmouth College Library workshops, presentations, and Spotlight series.

Publications and Presentations

- Heather Blunt, Research and Education Librarian, presented a workshop with Robert Racusin (Psychiatry and Pediatrics) at the annual meeting of the American Association of Directors of Psychiatric Residency Training on March 9, 2007. The workshop, "Creating a Participatory Evidence-Based Journal Club: Learning EBP Can Be Fun," demonstrated how psychiatry faculty and librarians have collaborated at Dartmouth to teach EBP in a journal club setting.
- Karen Odatto, Research and Education Librarian, along with Connie Schardt from Duke University, published an article in the Medical Library Association's *MLA News*, "Announcing the EBM Librarian Wiki!" The wiki was developed by Karen and Connie for use by librarians who teach and support evidence-based medicine or evidence-based practice. Visit the wiki at <http://ebmlibrarian.wetpaint.com>.
- Karen was a Librarian Preceptor at McMaster's week-long EBM workshop in both June 2006 and June 2007.
- The Biomedical Libraries 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 Matthews-Fuller Library continued to offer its space to the DHMC Arts Program for quarterly artist receptions.

Exhibits in Dana Library included "Service to our Users" (orientation display), "American Indian Heritage Month," "Hispanic Heritage Month," "Women in History Month," "Holocaust Memorial," and "Gay and Lesbian Pride Month." The Dana Library, what with newly available wall space after renovations, will host an art program to display works of Dartmouth and local artists.



Fraglets, Kathy Parsonnet

"Fraglets," by Kathy Parsonnet, DHMC's Artist-in-Residence, was exhibited in the reading areas of Dana Library and the Matthews-Fuller Library.

Facilities

Dana Biomedical Library

With the joint support of the Medical School and the College Library, \$50,000 in improvements to the Dana Library's first floor were completed in August 2006. Unneeded journal shelving was removed, study tables and comfortable furniture (sofas and easy chairs) were added, new computers were installed, and other improvements were made, with a net increase in seats from 197 to 234 throughout the building.



Dana After Renovations

In regard to the long-term future of Dana, it is planned to launch a Provost-sponsored examination of science and health/life science information needs across the university and medical center.

The service counters and work space of Computing and Media Services (CMS) on the Dana Library's third floor were rebuilt into a new office for the CMS staff. (The old office was repurposed as a DMS faculty emeriti office.) The new office provides better use of space for computing maintenance and support, and also makes the staff more visible and accessible to users of other third floor services.

Marketing

The Biomedical Libraries participated in College Library and DHMC activities that promoted our resources and services. These events included:

- National Library Week Biomedical Libraries Trivia Contest, April 2007.
- DHMC Autumn Health Fair, November 2006.
- Dartmouth College Library '10 Open House, October 2006.
- DHMC Quality and Safety Fair, March 2007.
- DHMC Secretary's Day Vendor Fair, April 2007.
- July 2007 marks the second year of the Biomedical Libraries newsletter, *The Pulse*, which successfully markets the Biomedical Libraries.

International Activities

Tanzania. The Biomedical Libraries welcomed Dr. Alli Mcharazo to the Dartmouth community in December 2006. At the time, Dr. Mcharazo was the senior librarian at Muhimbili University College of Health Sciences and the chairman of the Tanzanian Library Association. Dr. Mcharazo met with a variety of people on campus as part of Dartmouth's Global Health Initiative, which is led by DMS and the Dickey Center for International Understanding. He met with staff from the Dartmouth College Library, including the Biomedical Libraries. Dr. Mcharazo also visited with library staff at Harvard University and the University of Vermont.



DMS Dean Stephen P. Spielberg and Dr. Alli Mcharazo



Bill Garrity, Joseph Rosen (DMS), and Vietnamese colleagues

Hanoi. Bill Garrity visited Hanoi, Vietnam, from March 3-19, 2007. Bill traveled with a group of plastic and craniofacial surgeons, and "informaticists" from industry and universities to consult with Hanoi-area hospitals about ICT and healthcare. Their base institution in Hanoi was the National Hospital for Pediatrics. For detailed project information and Bill's travel journal, visit <http://www.william-garrity.com/vietnam/>.

FY08 Goals

The Biomedical Libraries' overarching goal is to be embedded in Dartmouth's health and life sciences communities with a focus on information, education, and communication. We are alert for opportunities to involve the Libraries in Dartmouth's work. We focus on promoting library and information resources and services and matching them to clients' needs and on reviewing and improving communication and marketing.

1. Encourage active communication practices across the Libraries. **Responsible member of administration group: Bill Garrity.**
2. Fiscal: transition to OASIS. **Bill Garrity.**
3. The Institute for Health Policy and Clinical Practice (formerly, CECS). **Bill Garrity.**
 - a. Quality Literature Program.
 - i. Participate in development of publication guidelines.
 - ii. Establish a regular "library column" in the journal, *Quality and Safety in Healthcare*.
 - b. Collaborate with Institute leadership (and with DMS, DHMC, and College Library leaderships) about support of library and information resources and services.
4. Continue to re-energize the Biomedical Libraries' liaison and library advisor programs; finalize expectations and roles of liaisons. **Lora Thompson.**
5. Information resources. **Peggy Sleeth.**
 - a. Support efforts to communicate to Biomedical Libraries staff and clients about issues in scholarly publishing.
 - b. Books in Dewey and Locked Grill: continue assessment, designating volumes for discard or retention.
 - c. Continue major journal shifts, specifically moving 1976-1980 volumes from Dana 2 to Basement and redistributing Dana 2 to allow for transfer from Matthews-Fuller and growth.
 - d. Continue monograph weeding.
6. Education. **Lora Thompson.**
 - a. Define presence in DMS curriculum.
 - b. Define presence in Biological Sciences curriculum.
7. Health Education Center: develop, open, and provide day-to-day management of the HEC at DHMC, including clarifying roles and responsibilities, promotion to DHMC staff and leadership, and pursuing relevant funding opportunities. **Cindy Stewart.**
8. Evidence-based healthcare. **Bill Garrity.**
 - a. Dartmouth Summer Institute in Evidence-Based Mental Health: conclude 2007's and plan for 2008's.
 - b. Explore "Biomedical Libraries Institute" for library community audience.
9. Evidence-based information and clinical information systems: partner with D-H Information Systems to integrate library and information resources and services in Dartmouth's Clinical Information System. **Bill Garrity.**
10. Business and medicine: heighten collaboration between the Biomedical Libraries and Feldberg to support DMS and Tuck partnership. **Cindy Stewart.**
11. Propose "venture fund" to excite faculty-library collaborations throughout the College Library. **Bill Garrity.**
12. Continue to re-design the Biomedical Libraries Web in coordination with the re-design of the College Library Web. **Dave Izzo.**
13. Continue to collaborate with the Jones Media Center (and DMS Computing, as appropriate) to more broadly deploy College Library multimedia capabilities across the campuses via a Digital Media Working Group and satellite "Jones" centers. **Dave Izzo.**
14. Monitor Kiewit's and DHMC's paths to computer and network security and authentication for impacts on the Libraries and clients. **Dave Izzo.**
15. Space.
 - a. Identify near-term improvements to Dana. **Bill Garrity.** Including
 - i. Dana circulation staff space.
 - ii. Transition the Access Services Supervisor's old office to mail/supply room.
 - b. Identify near-term improvements to Matthews-Fuller. **Cindy Stewart.**

- c. Monitor development of Koop Medical Sciences Complex at DHMC and undergraduate Life Sciences Building in Hanover for inclusion of Libraries space. **Bill Garrity.**
 - d. Support Provost's examination of science and health/life sciences library/information resources and services long-term needs across the university and medical center. **Bill Garrity.**
 - e. Continued scrutiny of custodial services in Dana. **Bill Garrity.**
 - f. Quinn Room: with the (eventual) transfer of Dana Special, start planning for this space to become a mini-reading room and display space. **Bill Garrity.**
 - g. Communicate with staff and clients about library-related aspects of demolition of Strassenburgh and other buildings and construction of the undergraduate Life Sciences Building. **Bill Garrity.**
16. "Science-in-Sight:" organize project to have a "virtual life sciences" multi-media presence in the undergraduate Life Sciences Building. **Bill Garrity.**
17. Development. **Bill Garrity.**
- a. Donor stewardship: annual letter and report.
 - b. Make DHMC/DMS Development aware of opportunities for the Biomedical Libraries.
18. NAHSL 2007: numerous Biomedical Libraries staff are participating in the planning of this year's conference. **Bill Garrity.**
19. Promote the Biomedical Libraries' work in the profession: EBM, the Dartmouth Summer Institute (including the internship), the October Conference, AAHSL, various collaborations. Publish and be more visible in organizations like MLA and AAHSL. **Bill Garrity.**

Appendix A: General Service Statistics

	2002/2003	2003/2004	2004/2005	2005/2006	2006/2007	% change
	FY03	FY04	FY05	FY06	FY07	FY06-FY07
GATE COUNT	271,327	274,435	233,608	232,112	230,357	-1%
Pre-FY05 based on prorating counts made during 12 "statistics weeks" per year; FY05 and forward are actual counts for entire year						
HITS ON BIOMEDICAL LIBRARIES WEB						
From Dartmouth Domain		803,906	725,515	606,010	624,176	3%
From DHMC Domain		781,715	831,230	799,501	888,164	11%
All Others		452,878	569,549	628,311	712,325	13%
Total		2,038,499	2,126,294	2,033,822	2,224,665	9%
TOTAL BUDGET		\$3,186,005	\$3,231,998	\$3,267,252	\$3,127,928	-4%
INFORMATION RESOURCES						
Expenditures (all sources)						
Monographs	\$68,214	\$60,852	\$48,035	\$68,908	\$64,095	-7%
Serials	\$1,312,454	\$1,211,275	\$1,314,764	\$1,438,921	\$1,515,930	5%
Binding	\$31,043	\$28,574	\$26,137	\$20,679	\$12,927	-37%
Total	\$1,411,711	\$1,300,701	\$1,388,936	\$1,528,508	\$1,592,952	4%
Holdings						
Books	97,295	98,349	96,498	95,152	93,569	-2%
Serial Volumes	158,382	162,395	164,591	166,185	165,407	0%
Microforms	13,326	13,059	13,059	13,059	13,059	0%
Other Formats	28,185	28,391	28,620	28,591	27,919	-2%
Total Collection Size	297,188	302,194	302,768	302,987	299,954	-1%
Subscriptions	2,477	2,013	1,923	1,960	N/A	N/A
Ejournals linked on BL Web, 6/30	2,681	3,051	3,335	3,713	3,795	2%
CIRCULATION	55,408	43,833	31,239	26,589	22,637	-15%
External	17,555	17,936	17,588	16,790	17,479	4%
Reserves	7,832	5,063	3,855	3,180	1,953	-39%
In-house	30,021	20,586	9,461	6,529	3,181	-51%

	2002/2003	2003/2004	2004/2005	2005/2006	2006/2007	% change
INFORMATION CONTACTS						
Equipment			1,296	1,050	974	-7%
Directional			2,789	2,001	1,174	-41%
Basic Reference			5,201	3,431	2,307	-33%
In-depth Reference			1,250	866	830	-4%
Total			10,536	7,348	5,285	-28%
FY05 projected from counts for February 2005-June 2005						
EDUCATIONAL SERVICES						
Programs	199	211	213	182	235	29%
Attendance	2,453	2,959	2,348	2,334	2,742	17%
Contact Hours	236	255	236	259	317	23%
INTERLIBRARY LENDING/BORROWING						
Items Lent	5,246	4,773	5,128	4,290	3,822	-11%
Photocopies	4,879	4,452	4,674	3,833	3,944	3%
Books and other returnables	367	321	454	457	417	-9%
Requests Received	5,630	5,984	6,633	5,199	4,532	-13%
Items Borrowed	11,948	11,509	11,417	11,400	9,694	-15%
Photocopies	11,437	10,928	10,537	10,807	9,093	-16%
Books and other returnables	511	480	880	593	601	1%
PHOTOCOPY SERVICES (articles)						
Document Delivery Service/Biomed Collections	17,295	17,151	18,051	18,805	17,734	-6%
Document Delivery Service/From Other DCL	878	574	628	651	582	-11%
Fee-based Service	717	835	758	970	520	-46%
For Contracting DHA Institutions	575	352	385	789	405	-49%
For Russian Libraries	480	729	586	721	545	-24%
Total Articles	19,945	19,641	20,408	21,936	19,786	-10%
PHOTOCOPYING (pages)						
Public Copiers	275,036	173,120	101,773	64,106	55,666	-13%
Staff Copiers	230,877	170,871	123,403	154,118	166,361	8%
Total	505,913	343,991	225,176	218,224	222,027	2%
LASER PRINTING (pages)	786,794	832,960	850,936	955,333	1,131,781	18%

Appendix B: FY07 Budget and Actuals

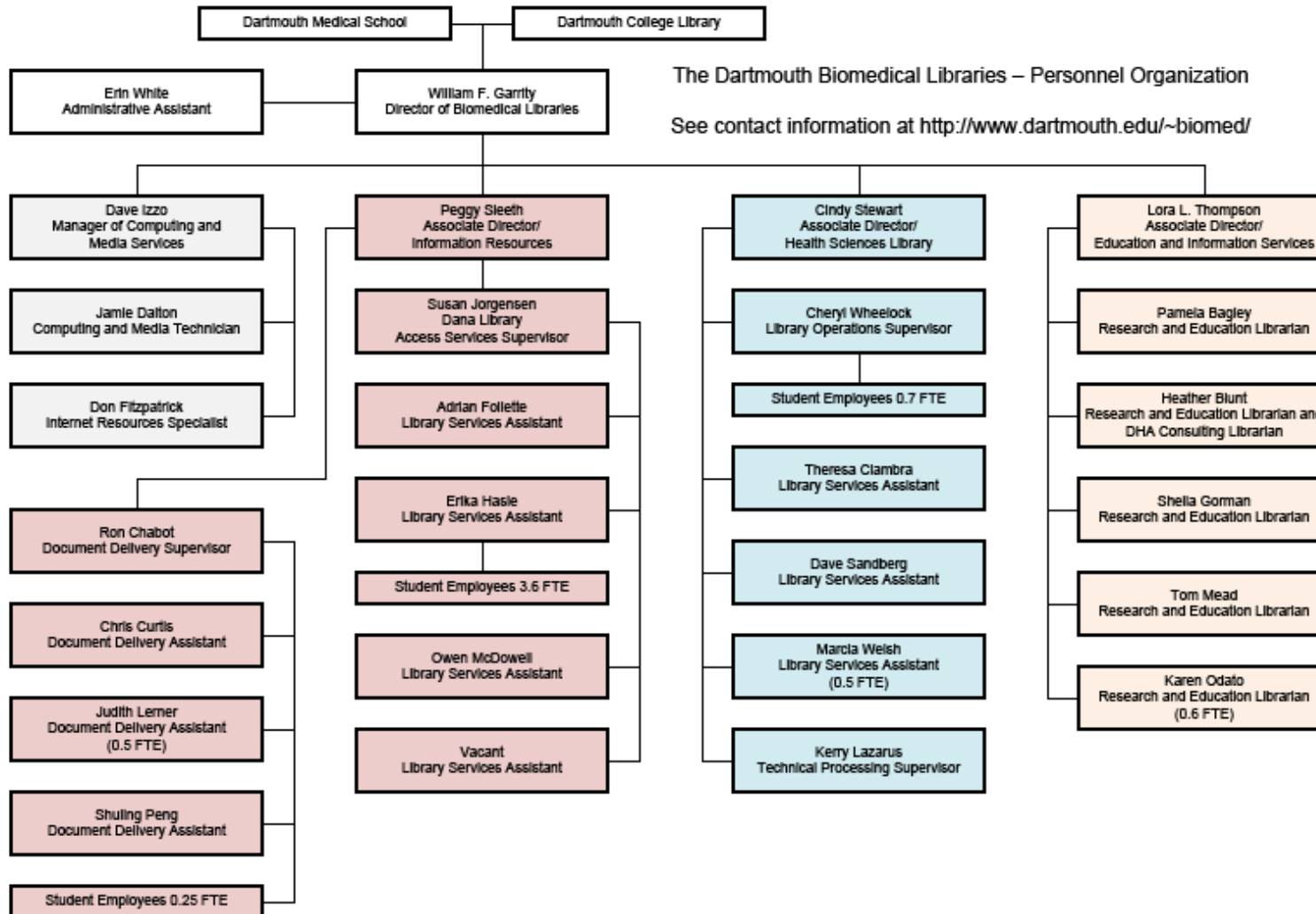
	Budget			Actual			
	Arts and Sciences	DMS	Total	Arts and Sciences	DMS	Total	% DMS
Revenues	0	146,478	146,478	0	154,062	154,062	100%
Compensation	140,514	1,363,466	1,503,980	151,653	1,363,266	1,514,919	90%
Information Resources	542,000	1,110,945	1,652,945	535,623	1,083,352	1,618,975	67%
Other	0	117,481	117,481	50	152,863	152,913	100%
Total Expenses	682,514	2,591,892	3,274,406	687,326	2,599,481	3,286,807	79%
Net	682,514	2,445,414	3,127,928	687,326	2,445,419	3,132,745	78%
Arts and Sciences does not show cost of central processes and systems.							
DMS does not show indirects passed to universtity for Arts and Sciences.							

Appendix C: Digital Resource Usage

	2003	2004	2005	2006	
MD Consult					
Total User Sessions	20,961	19,022	18,957	23,098	
% change from previous year		-9.3%	-0.3%	21.8%	
UpToDate					
Topic Reviews Accessed	103,281	123,991	153,793	170,991	
% change from previous year		20.1%	24.0%	11.2%	
Web of Science					
Sub-sessions	23,176	25,385	30,750	75,941	
% change from previous year		9.5%	21.1%	147.0%	
Cochrane Database of Systematic Reviews					
Full-text retrievals			913	1509	
% change from previous year				65.3%	
Images.MD					
Images viewed	5,342	5,719	4,613	5,503	
% change from previous year		7.1%	-19.3%	19.3%	
PubMed (MEDLINE)					
Accesses using link on Biomed Libs Web*	30,960	54,569	77,122	86,848	
% change from previous year		76.3%	41.3%	12.6%	
* does not count accesses through other routes such as Google, Search360, direct, or referrals.					
Ovid					
Total Search Sessions	162,386	130,790	109,574	79,587	
% change from previous year		-19.5%	-16.2%	-27.4%	
MEDLINE search sessions	97,071	77,222	40,229	28,652	
% change from previous year		-20.4%	-47.9%	-28.8%	
CINAHL search sessions	5,552	4,392	1,999	2,335	
% change from previous year		-20.9%	-54.5%	16.8%	
MEDLINE from other providers					
CSA (sessions)				770	
EbscoHost (sessions)				831	
Web of Knowledge (subsessions)				457	
Major Journal Packages - Full-text Article Downloads					
	2003	2004	2005	2006	%Change
Blackwell	20,500	31,752	31,766	40,870	29%
Elsevier	112,901	176,648	190,969	209,533	10%
HighWire		217,937	267,958	270,608	1%
Nature	38,848	43,805	62,874	64,602	3%
Ovid	55,691	32,839	29,700	25,868	-13%
Oxford Univ Press		16,897	25,761	33,029	28%
Springer/Kluwer		25,987	20,120	25,082	25%
Wiley	30,851	22,034	24,469	26,105	7%
TOTAL	258,791	567,899	653,617	695,697	6%

Appendix D: Biomedical Libraries Organization

Friday, April 27, 2007



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