

Yale Harvey Cushing / John Hay Whitney Medical Library

2012-2013 Annual Report
Growth and Evolution



Director's letter



It is my pleasure to present the Harvey Cushing/John Hay Whitney Medical Library 2012/2013 **Annual Report**. In this report you'll find examples of how the Library and its talented and dedicated staff work to make our users' lives easier by providing services and support that meet and exceed the needs and expectations of our patrons.

Yale-New Haven Hospital's (YNHH) acquisition of the Hospital of St. Raphael (HSR) required integration between the clinical resources available through the Medical Library and the clinical resources available to HSR through their library. Extensive renegotiations with many vendors and numerous meetings with clinicians, administrators and hospital IT occurred on expanding services and collections to the faculty, staff and residency programs on the HSR campus. The goal of equal access to resources and services for both campuses was successfully met.

Hundreds of principal investigators and first authors were assisted as they tried to navigate and ensure compliance with the NIH Public Access policy mandates. Librarians also played an integral role in the training of all YNHH nurses in evidence-based practice, an essential component of the highly cherished ANCC Magnet Recognition Program status.

To help meet specific ACGME core competencies, classes were tailored to address stated **training requirements**. Additionally, the Library's on-line tutorials provided tens of thousands of users with immediate and convenient answers to a wide host of questions. Librarians continued to provide convenient point-of-need assistance to clinicians on the wards and offices and to researchers in their laboratories.

The physical Library continues to be an inviting, welcoming, productive and vibrant space for students. Workshops, education sessions and exhibits provide an inspiring oasis for many within the Medical Center as does our magnificent Medical Historical Library.

The Library's talented and dedicated staff is at your service, willing to support you in accomplishing your work efficiently and effectively.

R. Kenny Marone
Director, Medical Library
Associate University Librarian

Special Report

Implications of Hospital of Saint Raphael acquisition by Yale-New Haven Hospital (YNHH)



In September of 2012, YNHH acquired the Hospital of Saint Raphael (HSR), increasing its bed count by almost 50 percent. The School of Medicine gained a number of faculty and around 125 new residents and fellows when it absorbed the Saint Raphael's training programs.

Even before the formal agreement was signed, library staff began discussions with the Hospital of Saint Raphael librarian and her supervisor on the integration of collections and services. Our Clinical Support Librarian and Head of Collection Development and Management spent many hours on the integration plans. With the closure of the Saint Raphael Library in April this process accelerated.

The expanded clinical footprint of YNHH has required time-consuming renegotiations of agreements with vendors and meetings with hospital IT, clinicians and administrators. We have already significantly increased the number of resources available to employees and trainees based on the Saint Raphael campus and have expanded our services to faculty, staff and residency programs. That said, there is still much work to be done in order to provide the same level of resources and services to this new addition to YNHH.

2012 Yale New Haven Health System Profile

	Yale-New Haven Hospital	Bridgeport Hospital	Greenwich Hospital	Northeast Medical Group	TOTAL YNHHS
Total Licensed Beds	1,541	383	206	--	2,130
Average Daily Census	830.9	275.5	141.9	--	--
Inpatient Discharges	61,958	18,938	13,027	--	93,923
Outpatient Encounters	774,085	233,280	390,267	--	1,397,632
Total Assets	\$2.5 billion	\$393 million	\$540 million	\$17million	\$3.6 billion*
Total Revenue	\$1.8 billion	\$440 million	\$341 million	\$115 million	\$2.6 billion
Medical Staff	3,642	886	616	531	5,675
Employees	11,512	2,477	1,809	953	18,435**

*includes \$309 million Health Services Corporation assets **includes 1,684 Health Services Corporation employees

New Borrowing privileges for Yale-New Haven Hospital employees

Yale-New Haven Hospital employees can now request books from any Yale University library and have them delivered to the Medical Library for pick up. This is a collaborative effort on the part of all campus libraries to develop and enhance our ability to share information and provide ease of service to our hospital constituents.

Special Report

Transition: Acquisition of Hospital of Saint Raphael by YNHH

This year, both the Yale School of Medicine and Yale-New Haven Hospital clinical enterprise was significantly affected by YNHH's acquisition of the Hospital of Saint Raphael. In response to this acquisition and in consultation with the Chief Medical Officer of YNHH, the Medical Library made the decision to provide equal access to the same set of Library resources across both campuses. Representatives from the Medical Library, the HSR Library, and the hospital administration worked together to identify the suite of resources and to budget for the financial impact on library resource expenditures. Both the Medical Library staff and the Electronic Resources Group of the Central Yale University Library's Acquisitions Department worked with vendors to ensure that seamless access to all content was available for library patrons at either campus.

Service expansion to Hospital of Saint Raphael

When YNHH acquired HSR, the clinical footprint expanded – programs, faculty, residents, trainees, staff and bed counts all grew by leaps and bounds. Not only did the Medical Library work on equalizing the number of resources available to both campuses, the team also began addressing the provision of the same level of education and knowledge management services across both campuses. While discussions and negotiations continued, the library team began to slowly expand services to this new addition to YNHH.



Clinical Synthesis Tools

<u>Title</u>	<u>Type of Use</u>	<u>FY14 Cost</u>	<u>2013 Usage</u>	<u>Cost/Use</u>
AccessMedicine	Content Retrieval	\$79,516	244,959	\$0.32
UpToDate	Topic Search	\$500,993	908,010	\$0.55
VisualDx	Image View	\$39,135	295,785	\$0.13

Collections

Clinical Collections and Budget

In FY2013, the Medical Library spent approximately \$3 million on databases, journals, and books in support of the educational and clinical enterprises of the Yale School of Medicine and Yale-New Haven Hospital.

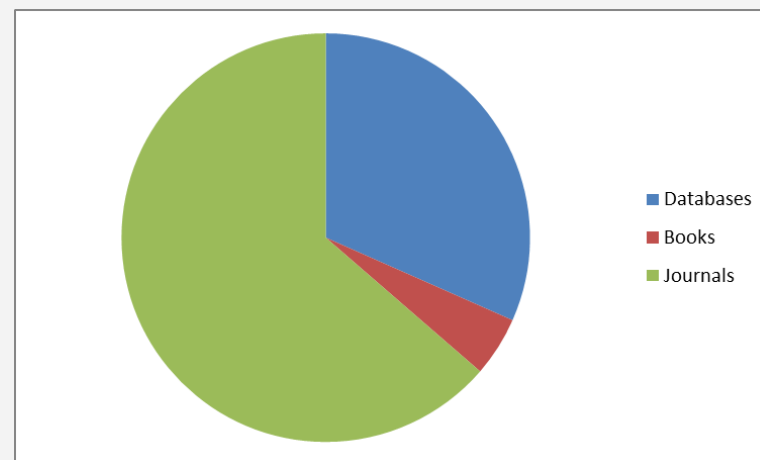
Journals

<u>Title</u>	<u>FY14 Cost</u>	<u>2013 Usage</u>	<u>Cost/Use</u>
Journal of the American Medical Association (JAMA)	\$20,584	149,367	\$0.15
Nature	\$4,059	173,936	\$0.02
New England Journal of Medicine	\$9,700	149,804	\$0.06

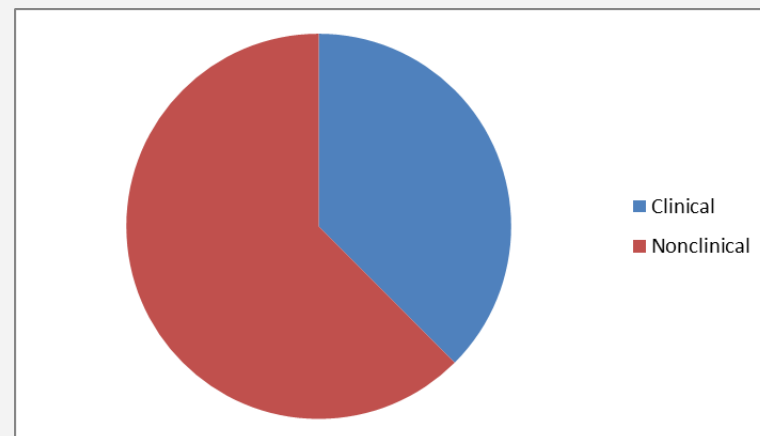
Journal Packages

<u>Title</u>	<u>FY14 Cost</u>	<u>2013 Usage</u>	<u>Cost/Use</u>
Science Direct	\$2,070,000	2,404,486	\$0.86
Wiley	\$924,016	737,984	\$1.25

*This year, the Library's Access and Delivery Services Department supplied **7160 articles** and **335 books**, a total of **7495 items**, to other institutions worldwide. We obtained **4790 articles** and **555 books** for our Yale patrons from other institutions and also provided **1899 scans** of articles and book chapters that are owned by the Medical Library.*



Medical Library expenditures by type, FY2013



Medical Library expenditures on clinical vs. non clinical resources, FY2013

Supporting Education, Research and Clinical Programs

Online Tutorials

During the past year, the Instructional Design Librarian created multiple series of video tutorials on such topics as conducting systematic literature searches, advanced citation and manuscript management with EndNote, and compliance with the NIH public access policy. The tutorial videos were downloaded 64,073 times during the past year.



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The Bumstead Librarian for Medical History conducted one-on-one research sessions for over 25 seniors in the History of Medicine program.

Supporting Research

The library capitalized on the expertise of our colleagues across the library system by offering classes and “officeless hours” for both GIS and statistics. The GIS series (Introduction to Geographic Information Systems and ArcGIS for Spatial Analysis, Intermediate GIS Skills Using ESRI’s ArcGIS Software, Advanced Skills with GIS Data and ArcGIS) was offered several times in The Conn Center (TCC), a library consultation and training room. This series was so popular that we ended the year with a wait list of about 60 Medical Center faculty, students and staff. We host “officeless hours” in the Information room – one afternoon with Stacey Maples, GIS librarian, and two afternoons with experts from the Yale Stat Lab.

*To support the educational endeavors of our faculty, the library scanned **115 articles** and chapters and provided **2,196 links** to electronic reserve materials for instructors.*

Flipped Curriculum

The Instructional Design Librarian also played an important role in supporting the School of Medicine's efforts to implement "the flipped curriculum", an essential component of which is that teaching faculty would create videos of the content they traditional have presented to the students during face-to-face class time. The Instructional Design Librarian provided advice on the configuration of the faculty video production studio, located in the Library, held consultation sessions with and served as a resource for individuals interested in creating these videos.

Supporting Education, Research and Clinical Programs

Library Support for NIH Public Access Policy Compliance

The Library expanded its robust support of the research enterprise by assisting Principal Investigators, authors and administrators with the NIH Public Access Policy compliance. Failure to comply with a July 1 deadline would delay the processing of grant awards if publications arising from the awards were not in compliance with the open access policy. As the July 1 deadline approached, librarians **worked with Yale's Grants and Contracts** office to find ways to alert PIs to this new policy and ensure that they knew how to find help with compliance. Librarians were given access to the NIH Compliance Monitor tool and spearheaded an initiative to reach out to PIs by YSM department to raise awareness of and offer assistance with this complex process, becoming the de facto support unit for this major undertaking at the Medical School. From April to July, medical librarians responded to over 1500 questions by phone, email, and often, in person pertaining to compliance issues.



Supporting Graduate Medical Education (GME) Goals

Recognizing that librarians could play a vital support role in the achievement of Graduate Medical Education (GME) goals, the Curriculum and Research Support department prepared a suite of classes that would address specific GME competencies. The program was introduced to residency coordinators at a GME meeting run by Dr. Rosemarie Fischer, Director and Associate Dean of GME. Liaisons then sent copies of the curriculum (via email) to the department GME coordinators and chief residents. Great interest was expressed in the program and to this date, several modules have been piloted with Pediatric and Anesthesiology residents. Many other departments have scheduled modules for the upcoming year.

Supporting Education, Research and Clinical Programs

Knowledge Management at YSN

The School of Nursing Librarian has worked tirelessly to integrate knowledge management classes across all three years of the nursing curriculum – beginning with new student orientations to in-depth research support. Sessions are designed to build on skills learned in previous sessions and include formulating and effectively researching clinical and research questions and the efficient use of citation management tools.

Specifically, information-seeking instruction is incorporated into the curriculum through a variety of teaching methods including large group, small group hands-on training and one-on-one sessions. The Librarian bases lectures and exercises on both the course objectives and reading assignments and enhances student **learning by providing graded assignments that are part of the students' final class grade.**



Evidence-Based Practice Classes

Librarians have worked with YNHH nurse educators to offer evidence-based practice (EBP) classes since 2008. This was originally a 1.5 day course aimed at nurse educators, advanced practice nurses, nurse managers and other selected staff. With the move to magnet status it was decided that some form of EBP training should be mandatory for all nurses so in 2010 our librarians developed an abbreviated version of the course. Training all staff in EBP is needed to retain magnet status by demonstrating the integration of evidence-based practice into nursing research and quality improvement initiatives. The classes now run for 3.5 hours and are offered at either 7am, 12:30pm or 7pm in order to accommodate schedules for all shifts. Similar EBP content is also taught to nurses in the various nurse residency programs. Those numbers are not reflected in the data below.

- ◆ 333 nurses attended the classes in 2012. A total of 32 sessions were offered
- ◆ Forty-two 3.5 hour classes were offered in 2013 for a total of 147 contact hours. This includes 5 classes held at Smilow satellite facilities around the state. (no numbers of participants are available at this time)
- ◆ Forty classes are scheduled for 2014. More than half will be held on the HSR campus.

Supporting Education, Research and Clinical Programs

Librarians are actively involved in teaching and providing support for medical decision making throughout the clinical enterprise. Librarians hold office hours in hospital departments, the best example of which is the regular presence of the liaison to Anesthesiology in the surgical suites. Librarians participate in active learning with residents including clinical conferences and evidence-based morning report. One librarian participates in ward rounds with the Primary Care Internal Medicine program at Waterbury Hospital, answering clinical questions in real time as patients are seen and discussed. Librarians also provide instruction and onsite support for other major clinical training sites such as the Veterans Administration Hospital in West Haven. Four librarians are instructors in the continuing series of evidence-based practice courses for nurses at Yale-New Haven Hospital.



Systematic Reviews

Curriculum and Research Support librarians continued supporting systematic reviews for a number of faculty, residents and students. Librarian roles vary with each project – our flexible service design allows us to participate as team members or in a consultation role. As team members, we contribute to the writing of the study design protocol, conceptualize and execute the final search strategies, manage the reference database, provide data for the flow chart, and write the segments of the methods sections that pertain to the work that we complete. Consultation to teams and/or individuals who need searching advice might involve the selection of appropriate databases, conceptualizing, testing, and then, executing search strategies. Our service also provides peer review of search strategies.

Curriculum and Research Support Librarians are so integral to the systematic review process, many become authors on the published systematic reviews.

S.T.A.R.T. Videos

The Medical Library's Clinical Support Librarian and Instructional Design Librarian worked with faculty in the Department of Anesthesiology in the creation of online videos and modules for the Anesthesiology START program for incoming residents. START is an online educational program (Successful Transition to Anesthesia Residency Training) which was originally begun by the Stanford AIM Lab and was replicated at Yale. The medical librarians helped manage, film, and edit, (and occasionally appear in) the video components of the Yale START curriculum. <http://vimeo.com/41311103>

Library as a Place

Secure Reading Room

The Medical Historical Library finished a multi year project culminating in a renovated Historical Office and locked stacks. Especially exciting was the March grand opening of the newly expanded reading room which features flexible, movable seating, an easel for comparing prints and drawings, and, most importantly, ensures a secure environment for precious resources from our collections. With new lighting and windows, patrons can enjoy a brighter space to view their materials.



Library Space

In its efforts to be proactive about space issues on the campus of the Yale School of Medicine (YSM) the Library began thinking seriously about how it might repurpose its space for other YSM education needs. Now that the vast majority of its current resources are available online, the Library no longer needs to serve as a storehouse for print information.

Space is tight on the central YSM campus and the Library is working with school administrators to identify “common good” services (such as a video recording studio or technologically enhanced collaborative study areas) that will benefit students throughout the school.

To this end, the Library moved several thousand print volumes from its location in the heart of the main YSM campus to the Yale University **Library’s remote storage facility in Hamden, CT. The Library will continue to work with YSM to identify appropriate spaces** for seminar rooms, classrooms, and practice rooms for these newly available spaces.

Library as a Place

Over 190,000 people entered our library in 2012/2013.
The Library was open an average of 104.5 hours a week.



Great libraries are not made they are nurtured –nurtured by our alumni and friends. This year the Library honored Dr. Stanley Simbonis, class of '57, for his many gifts to the library by dedicating the Large Conference room in his honor. The room was rechristened the “Stanley Simbonis Conference Room.”

Cushing Center

The Cushing Center is a destination of interest to students from area schools, members of the Yale University community, the local New Haven community, and students, physicians and medical writers worldwide. Even the youngest students are fascinated by the stories of the journey of the brain specimens and how they arrived in the Medical Library. In addition to the self-guided visitor, the Center provided guided tours to over 2,300 visitors curious about Dr. Cushing and how his commitment to the field of neurosurgery lead to his remarkable collection. Thirty-three states were represented as well as 46 countries including countries as far away as Tasmania and Madagascar.

School groups come most frequently from area middle and high schools, and some professors bring their undergraduate students every year such as the Behavioral Neuroscience Program at Connecticut College. **Each summer many of Yale's summer programs assign time to visit the Cushing Center such as Breakthrough New Haven and the Summer Institute for the Gifted.**



Highlights – Acquisitions

Clinical Key

Early in 2013, the Medical Library introduced Elsevier's ClinicalKey to the medical center community. ClinicalKey provides one-stop access to several hundred medical journals, reference books, and videos. This greatly enhanced product replaced other resources and brought even more authoritative content (including Procedures Consult and First Consult) to the desktops and mobile devices of our faculty, students and staff.



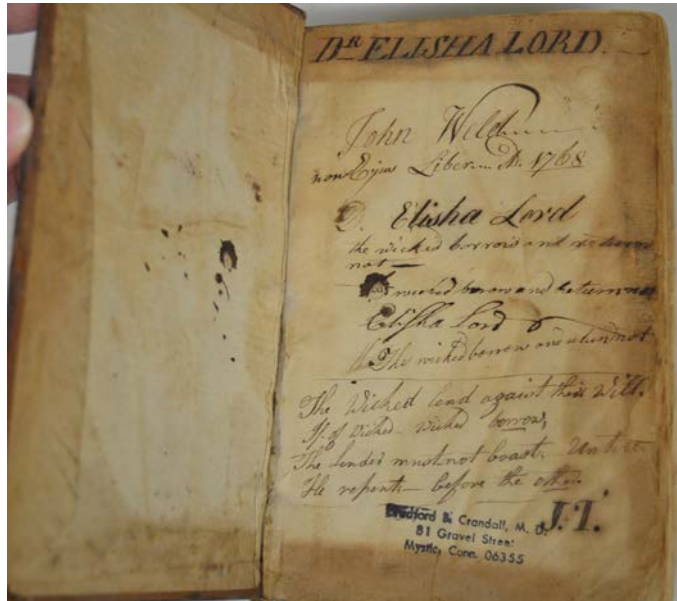
Ludendorff-Spende für Kriegsbeschädigte [*The Ludendorff Appeal for the War Disabled*] by Ludwig Hohlwein (1874-1949), lithograph, 1918, is considered one of the most beautiful posters of World War I.



Public Health prints and posters

This has been a strong year in the collection of visual resources. In January 2013, the Medical Historical Library acquired a collection of over 2600 global public health and safety posters from 56 countries. Topics include maternal and child health, anti-drug and tobacco campaigns, breastfeeding, clean water, prevention of diseases such as malaria and polio, and accident prevention and safety. Kenya, The Netherlands, Oman, France, and Germany are particularly well represented in the collection. Posters issued by the World Health Organization (WHO), the Pan American Health Organization, and Doctors without Borders are also included. Dr. Joanna Radin, History of Medicine, utilized many of these poster images in her Historical Perspectives On Global Health course and as resources for research projects for students in the course. The posters were exhibited over the summer of 2013 and will be used in Yale Public Health magazine and blogs.

Historical Gifts



Mystic River Society Donation

The Mystic River Historical Society, Mystic, Connecticut, donated 63 medical books passed from doctor to doctor over the span of 200 years. This library was begun by Dr. John O. Miner of Groton after the Revolutionary War, and passed on to his son-in-law, Dr. Billings F. Stoddard. Stoddard was the first resident physician of Mystic. Stoddard then passed them to Dr. John Gray, who moved into Mystic from Plainfield, Connecticut. Gray gave the books to Dr. S. Franklin Coates, who then passed them to Dr. Louis M. Allyn. They were finally donated to the Mystic River Historical Society by Mrs. Bradford Blanchard Crandall in 1981 before coming to the Medical Historical Library at Yale. The Mystic donation is an example of a medical library built over time and added to by the doctors as they acquired new materials. It provides a snapshot of some of the important early British and American medical texts that doctors turned to as needed.

Kristaps J. Keggi Vietnam War service collection

Large gifts included the Kristaps J. Keggi Vietnam War service collection containing the complete correspondence between Dr. Kristaps J. Keggi and his wife, Julie, during his time as a surgeon in the Vietnam War. The materials were all donated by Dr. Keggi, the current Elihu Professor in Orthopedics at the Yale School of Medicine. The scope of the collection (personal letters, photographs, teaching materials and war wound images) presents a unique and comprehensive look into the life of a war surgeon.





Library Exhibits June 2012-July 2013

June 22 – September 17, 2012

- “Family Doctor” by Grant Wood and Works by other Mid 20th Century American Artists
- Food and Nutrition posters
- Maternity Care in Pictures: A Portfolio of 31 Teaching Charts Showing Safe Maternity Care, 1939

September 22, 2012 — January 13, 2013

- Medicine at Work: A Selection of Instruments and Materials from the Medical Historical Library
- Nurses; Selected from the Historical Medical Poster Collection and the Collection of Prints and Drawings

January 16th— April 7th, 2013

- Portraits of Wounded Bodies: Photographs of Civil War Soldiers from Harewood Hospital, Washington, D.C., 1863 -1866
- War: Selections from the Collection of Prints and Drawings and the Historical Medical Poster Collection

April 11th-July 5th, 2013

- Unveiling Medicine’s Past: Medical Historical Collections Online

Special Events

- 65th Annual Associates Lecture: *Writing George Kennan’s Biography* presented by John Gaddis, Pulitzer Prize winner and Robert A. Lovett Professor for Military and Naval History at Yale

Medical Library Donors



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