

Yale Harvey Cushing / John Hay Whitney Medical Library

2011-2012 Annual Report
Collaborate & Connect



Director's Letter



This year's Annual Report - **Collaborate & Connect** - highlights the ways the Medical Library supports the evolving knowledge-management needs of the medical center. We strive to deliver information conveniently and quickly, maximizing our patron's time.

For example, we work with systematic review teams providing clinical researchers and faculty full-service support, saving them time and effort in conducting comprehensive literature searches. For the convenience of students, library staff embed web links for course readings into the BlueDogs curriculum management system. We also support students and residents in clinical locations outside of Yale-New Haven Hospital, helping with mobile device access to Yale Library resources.

The Yale New Haven Health System's (YNHHS) expanding clinical footprint will have a major impact on the Medical Library's support of clinical activities and our spending on collections. We participated in the EPIC Electronic Medical Record System project, and work with colleagues from the other hospitals on collaborative purchasing.

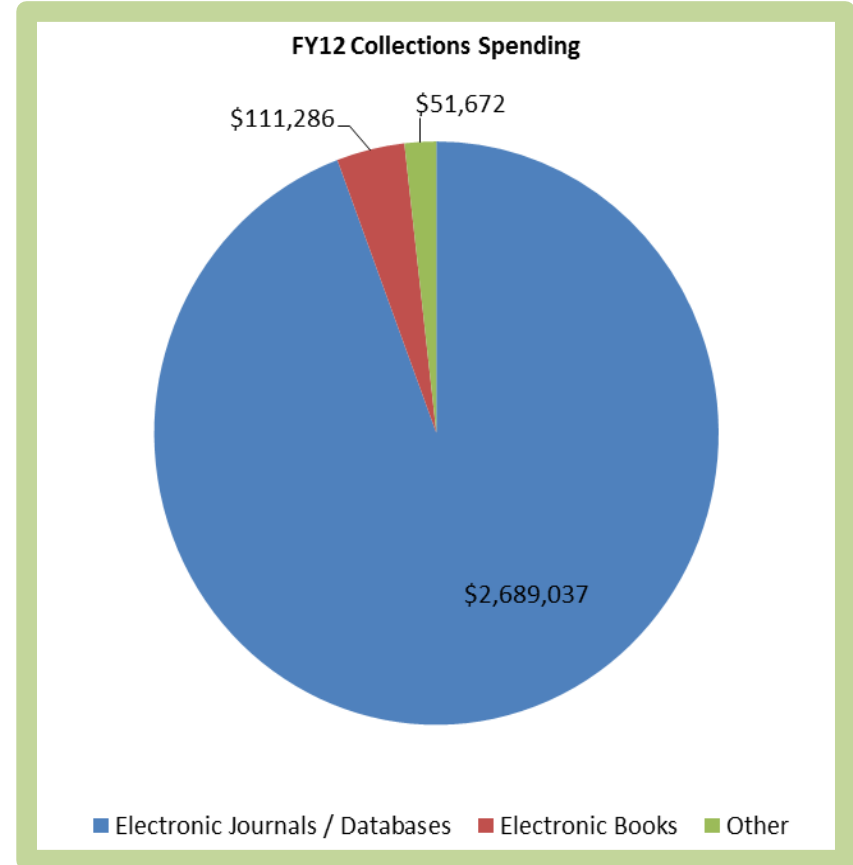
To prepare for and manage change, the Medical Library developed a three-year Strategic Plan <http://library.medicine.yale.edu/sites/default/files/about/strategic15.pdf>. This Plan positions the Library to respond in positive ways to the rapidly changing educational, clinical, and research environments.

The Medical Library consistently scores at the top of patron surveys for the excellence of its services and collections, ranking as a key resource for Medical Center faculty and students. Based on our strengths -- robust and essential services, first-rate collections, outstanding staff, a commitment to technology and service innovation, a central location, as well as strong constituent support -- the Library is well-positioned to address the key challenges of the next decade and maintain its pre-eminent academic standing, and above all else serve the needs of Yale patrons.

R. Kenny Marone
Director, Medical Library
Associate University Librarian

COLLABORATE

- Faculty & Students
- Clinicians & Educators
- Researchers & Scholars



98.2% of the Library's collections spending was for electronic resources for faculty, staff and students.

Medical librarians work closely with faculty and administrators to teach and educate students on the medical campus.

This past year was a momentous one for the School of Medicine. The administration implemented major changes to the student curriculum and transitioned to a paperless environment, providing students with iPads to access the resources for their studies.

The Curriculum Support Librarian played an important role in working with the Office of Education to choose and then implement a new curriculum management system, BlueDogs, which could be optimized for iPad use.

The 2012 AAMC Medical School Questionnaire indicated that the Medical Library received extraordinary approval ratings from the graduating class of YSM 2012. Over 83% of the students gave the Medical Library the highest possible rating of “Very Satisfied,” more than double the national average for medical libraries.



The Library supplied web links to articles and readings for faculty. For the convenience of students, library staff directly embedded almost 700 of these links into [BlueDogs](#), the Yale School of Medicine curriculum management system (LCMS+)



Evening Coffee Break in the Library

The Medical Library and the School of Medicine Peer Advocates hosted two “Evening Coffee Breaks” for Medical Center students. Approximately 70 students attended each event, and librarians were on hand with their iPads to demonstrate library resources, recommend iPad applications, and share the good news about the Yale Library’s new institutional license for EndNote.

Library liaisons are involved in the education of their departments' residents



Photographer Terry Dagradi

Residents in the Library

Once again, all library liaisons were included in orientations for new residents. This year, however, they worked to directly support residency education.

In 2012, medical librarians introduced new classes for residents to become knowledgeable about information management and the use of the medical literature. Librarians teach customizable modules that develop effective research skills and support the ACGME Core Competencies for residency and fellowship programs.

The Instructional Design Librarian and the Anesthesiology Librarian also participated in launching the Department of Anesthesiology's **START** ([Successful Transition to Anesthesia Residency Training](#)) program, which consists of a series of online instruction videos for incoming anesthesiology residents designed to explore the work environment, introduce key faculty and staff members, and teach fundamental skills in anesthesia.

Also this year, the Dermatology and Internal Medicine librarians presented a class to dermatology residents on dermatology apps and library resources using the iPad.



Yale School of Nursing (YSN)

The Nursing Librarian is an integral member of the School of Nursing. Not surprisingly, she became a member of the committee charged with YSN Strategic Planning for the coming 5 years, which includes the beginning stages of the school's move to West Campus. During the 2012 phase of the Strategic Plan she co-chaired the [Space Planning Committee](#), initiating surveys and focus groups of various constituents of YSN and reporting space needs back to the West Campus Planning Committee.

In line with current trends in nursing education, YSN has initiated a new degree, the [Doctor of Nursing Practice \(DNP\)](#), which will be offered as an online course. As a result of numerous contributions to the master's degree curriculum, the Librarian was invited to be a member of the program committee for the DNP. On this committee she is involved in shaping curriculum and is a part of student and new faculty interviews.



Physician Associates (PA)

As part of their [Research Thesis Project](#), Physician Associate students are required to complete a methodical and comprehensive search of the literature. The Personal Librarian to the Physician Associate students met with each first year student several times during their research course. She worked with each student and with Professor Rosana Gonzalez-Colaso to ensure that this important component of their thesis project was a learning experience with high-quality results.

The Library continued its support of the History of Medicine program and expanded participation in classes at the YSM and Yale College with two new sessions.

The Curator for Prints, Posters, and Drawings, participated in a session of [Treasures of Yale](#), a new course taught by Howard Bloch, Director of Humanities. In the spring, she also taught, with Sherwin Nuland, M.D., “The Lam Qua Paintings of Peter Parker’s Patients,” and prepared the reading list and displayed over thirty paintings.



Collaborating with the Kaplanoff Librarian for British and American History, the John R. Bumstead Librarian for Medical History led three sessions on historical research and the use of library resources for History Department majors. The Librarian for Medical History also conducted [one-on-one research consultations](#) with almost every senior thesis writer in the History of Science, Medicine, and Public Health program.

A sampling of library classes held for YSM and Yale College include:

- Treasures of Yale
- A literary salon on the “Ghost Map” including reproductions of materials on the 1854 cholera epidemic.
- “Art of the Printed Word”
- Humanities in Medicine sessions with Thomas Duffy, M.D.
- “Photography and Memory”
- “The Body in Science, Medicine, and the Arts”

The Instructional Design Librarian and the Liaison Activities Librarian worked with the Yale School of Medicine Teaching and Learning Center to create an online Continuing Medical Education module, "Teaching Cultural Sensitivity in the Patient-Clinician Relationship". This module helps Yale faculty and physicians fulfill the State CME requirement on cultural competency. A CME template was also created from this module, which will allow faster development of Yale CME courses in the future.

Mobile Clinical Resources

With the proliferation of mobile device use this year, not only by students but by clinical staff as well, librarians stationed themselves in YNHH to offer immediate assistance. They were able to help clinicians and staff configure the Yale VPN on their device, point them to the most useful medical apps, direct them to apps that would manage their PDFs, and show them how to best use library resources, particularly online journals and books on their devices.



Photographer John Curtis

Librarians attended morning report, grand rounds, and were present and available in the operating room area.

Medical librarians provide expert searching for systematic review teams



The Education Services Librarian teaches searching skills for a systematic review.

Systematic reviews, integrative reviews, health technology assessments, and reviews that inform public policy are important research studies that require a team of professionals and many months of work. The Institutes of Medicine recommends that medical librarians be included on the review team to thoroughly search the literature on the designated topic. Librarians are members of numerous review teams. The Obstetrics and Gynecology library liaison worked on a complete systematic review as part of a research team. As a result, she was a co-author on a poster at the 22nd World Congress on Ultrasound in Obstetrics and Gynecology and a research article based on her teams' work was accepted by the journal *Ultrasound in Obstetrics and Gynecology*.

Research Support

In addition, medical librarians continue to help researchers comply with the [NIH Public Access Policy](#) by finding PMCID numbers for cited articles and resolving problems in obtaining PMCIDs. Librarians meet with faculty and their administrative staff in their offices or labs, assisting them in using the new "My Bibliography" tool, and helping them add materials into their eRACommons accounts.

Two librarians completed a literature review to support a Professor as he applied for approval from the Institutional Animal Care and Use Committee (IACUC) for a research study. The IACUC board had originally denied the proposal, but after assistance from the librarians it was approved.

CONNECT

- Yale Community
- Library Colleagues
- Global Researchers



Access and Delivery Services:

- Supported 51 different Yale courses, scanning 96 articles and chapters and creating 1,562 web links for reserve materials.
- Scanned 2,141 articles from the library's collections for patrons in the Medical Center
- Obtained 5,740 articles and 449 books for Yale patrons for material not available on campus.
- Supplied 21,355 articles to other institutions, a 111% jump over last year.

Yale Community

The Public Health (PH) Librarian arranged a daylong training session on literature searching to meet the requirements of the Animal Welfare Act. Instructors from the Animal Welfare Information Center at the National Agriculture Library came to Yale to teach a large group of diverse staff to meet the requirements of the Animal Welfare Act. The session was attended by members and staff of the IACUC and also librarians from the Medical Library and the Center for Science and Social Science Information. Literature search requirements are changing so this training will help staff be of additional assistance to principal investigators.

Library's Geographic Information Systems (GIS)

ArcGIS is specialized software to map and analyze the world through the application of geographic knowledge. The Library's GIS Specialist offered a round of beginner, intermediate, and advanced training sessions at the School of Public Health. In addition, the GIS Specialist also began to provide weekly "officeless" hours for the medical center community.

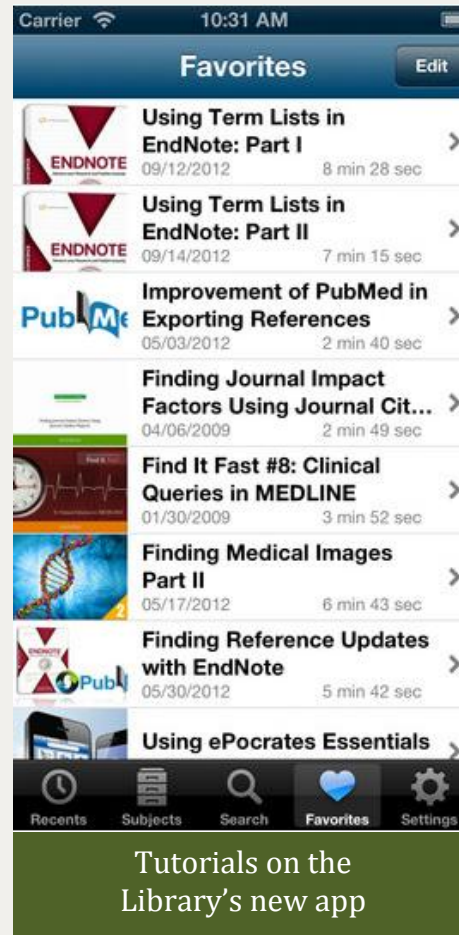


The Medical Library was actively involved in the 2012 Alumni Reunion Weekend. A reception table in the Yale School of Medicine Rotunda welcomed visitors and distributed class pictures, forms for thesis digitization, and information about current exhibits. A breakfast was offered in the Library entrance area and the Library visit included guided tours of "[Medicine in Shakespeare's London](#)", the Rotunda exhibit and the Cushing Center.

Online Instruction

The Instructional Design Librarian worked with the Curriculum Support Librarian to create instructional videos for medical students on how to use the new curriculum management system, BlueDogs.

In addition, he created a new series of video tutorials highlighting the features of specific biomedical applications available for iOS (Apple's mobile operation system) devices. These videos cover major clinical resources, such as ePocrates and UCentral, as well as citation and full text management tools, such as Mendeley and Papers. The videos are now available as an app from the iOS App store.



In March the Yale University Library system offered **EndNote X5**, a citation and bibliography manager, free to the Yale community. The Medical Library offered numerous classes and one-on-one consultations to teach new EndNote users.

The University's acquisition of **Qualtrics**, a sophisticated survey tool, allowed librarians to offer support for this new resource. Librarians collaborated with staff from PH to offer classes on Qualtrics, and they have been meeting individually with researchers interested in using the tool but needing assistance.

Over 200,000 people entered the library this year, a 2% increase from last year.

EPIC Implementation

Integrating **EPIC EMR** as the electronic medical record for patients is a strategic priority for the Yale-New Haven Health System (YNHHS), encompassing Yale-New Haven, Greenwich, and Bridgeport hospitals, the Yale School of Medicine and numerous community clinical practices.

Medical librarians have worked with the EPIC implementation team and collaborated with library colleagues at YNHHS hospitals to develop a common collection of information resources available through EPIC. Currently three major resources have been implemented and are linked and available in EPIC to clinicians. Joint purchases of other clinical resources are being considered.

As a result of the recent Hospital of Saint Raphael acquisition, the Medical Library is working to integrate and ensure that Yale resources and clinical databases will be accessible at the Saint Raphael campus.



*UpToDate,
AccessMedicine
and
Micromedex
are currently
available in
EPIC*

Photographer Harold Shapiro

Library Colleagues

With the proliferation of electronic books, the Library is closely evaluating each eBook package. Librarians across the library system are working together to develop criteria for identifying the user-friendly electronic books accessible via mobile devices including textbooks. They will use this criterion to choose vendors when purchasing electronic books for the Yale libraries.

With the expansion of the Yale-New Haven Health System, the Medical Library has joined with colleagues within the system including Bridgeport and Greenwich Hospitals, to combine resources and license content across the entire Health System.

NLM Leadership Fellow

The Medical Library hosted one of the [National Library of Medicine Leadership Fellows](#). Shannon Jones, from the Tompkins-McCaw Library at Virginia Commonwealth University, is interested in becoming a medical library director. She joined the Medical Library Director for two weeks to observe the governance structure of the Yale Libraries and the Medical Library, learn about strategic planning, and develop a better understanding of budgets and fund raising. Shannon also learned about intangibles such as managing change, transition, power and influence.



Medical Librarians in the Rotunda

Global Researchers

MHL

Medical Heritage Library

The Medical Historical Library digitized and contributed 1.725 million pages to the Medical Heritage Library covering such topics as mesmerism, asylums, insanity, phrenology, physiognomy, and electrotherapy. Nearly 5,000 19th Century books were added over the past two years to this resource. The [Medical Heritage Library](#) is a free and open access digital library of historical resources in medicine, formed by the partnership of some of the world's leading medical libraries.

Nearly 600 historical images were reproduced for patrons who required the images for research and publication.

The Research Services Librarian conducted a second Fulbright Specialist educational project to provide competence and professional skill training for medical librarians at the Republican Scientific Medical Library in Yerevan, Republic of Armenia. While in Yerevan, he also delivered a lecture on health information literacy at the American Corners Library in Yerevan, and appeared on an Armenian daytime television health topics show about his work and the future of Armenian medical librarianship.



Noteworthy Acquisitions

Tote Mutter
(Dead Mother)
1890 by Max
Klinger.

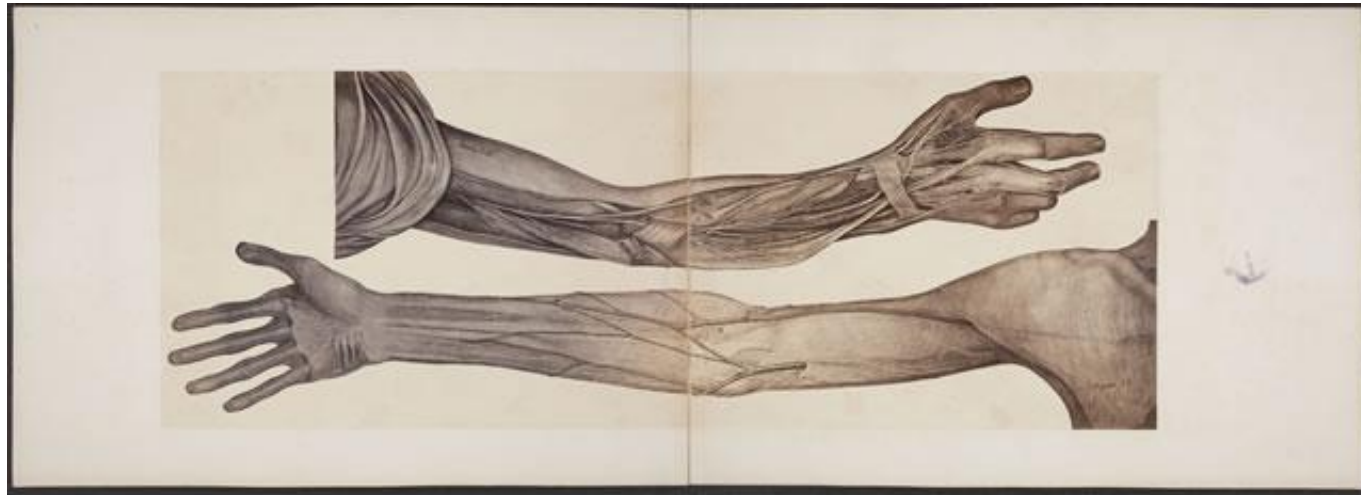
This signed
and inscribed
print in the
2nd state has a
remarkable
provenance.



DONATI, Marcello. DE
MEDICA HISTORIA
MIRABILI LIBRI SEX. Opus
varia lectione refertum
medicis non solum utile, sed
& caeteris bonarum artium
studiosis pergratum
futurum. Cum duplici indice.
Mantua, per Francisco
Osanam, Cum licentia
superiorum impressum.
1586.

This is the first edition of an
amazing treasure trove of
Renaissance medicine. It
includes the first recorded
explanation of a gastric
ulcer.

With the addition of e-Books in packages from Springer, Informa, and MD Consult, the library now subscribes to over **26,000 biomedical books electronically**. Textbooks in electronic format are of particular interest to YSM I and YSM II students who are interested in convenient access to these titles on their iPads.



Library Exhibits – July 2011 to December 2012

September 2011 to January 2012

- [The Centennial Exhibit of the Yale Study Center](#)
- [U.S. Food Administration Posters from WWI](#). Also, became an article in *Yale Medicine*
- [Anti-Drug and AIDS Awareness Posters from the 1980's and 1990's](#)

January to March 2012

- The first photographic atlas of the peripheral nervous system Nicolas Rüdinger, *Atlas des périphériques Nervensystems des menschlichen Körpers*, 1861-67 – (image above)
- [Le Leçon de Dr. Velpeau](#) with Anatomy Prints Selected from the Gift of Lilly Hollander 2010

February 2012

- [African American History Month – Health Disparities for Minority Populations](#)

March to June 2012

- [Medicine in Shakespeare's London](#)
- [Yale Students Going Global](#)

July 2012 to September 2012

- [Maternity Care in Pictures](#)
- [Family Doctor by Grant Wood and Works by Mid-20th C. American Artists](#)
- [Food and Nutrition Posters from the Historical Collections](#)

September 2012 to December 2012

- [Medicine at Work](#)
- [Nurses](#)

Special Events

- [The Future of the Book: Staging the Imaginative Act of Reading](#). John Collins in conversation with Marc Robinson, **January 30, 2012**
- [No Easy Choice](#) Author Book Signing, Ellen Painter Dollar, **April 3, 2012**
- 64th Annual Associates Lecture [The Medical School's Close Call: A Crisis in the Middle of the Twentieth Century](#) presented by Gaddis Smith, Larned Professor Emeritus of History, **April 11, 2012**

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Yale *Harvey Cushing / John Hay Whitney Medical Library*

Sterling Hall of Medicine

333 Cedar Street, P.O. Box 208014

New Haven, CT 06520

(203) 785-5354

library.medicine.yale.edu

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