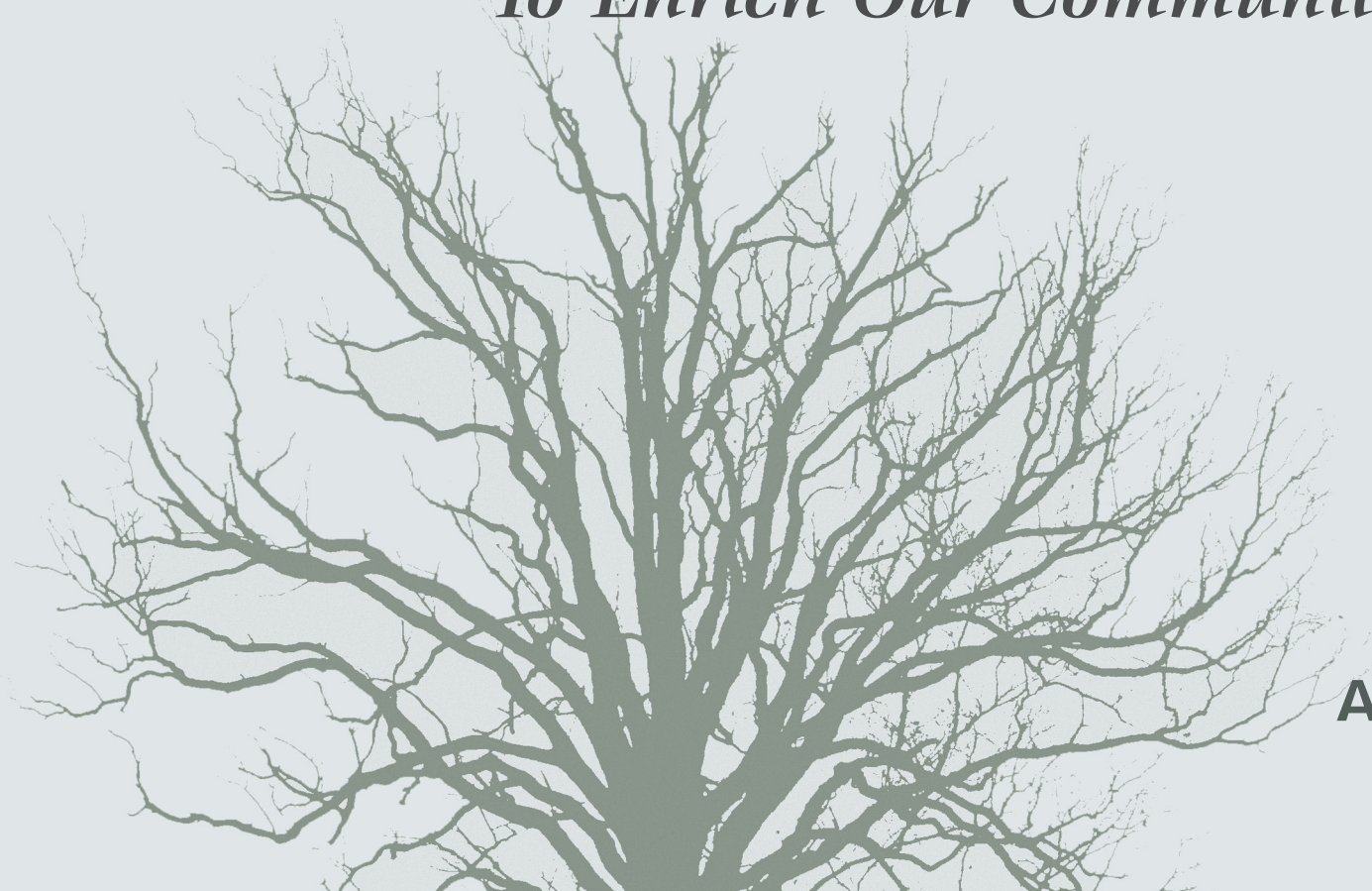


Harvey Cushing/John Hay Whitney
Medical Library



Reaching Out

To Enrich Our Communities and Beyond



2010-11
ANNUAL REPORT



Jan Glover leads an orientation of the Library.



Message From Our Director

As digital technologies continue to transform the environment for teaching, learning and research, our faculty and student information needs are also evolving. The Medical Library continues to take a leadership role in helping faculty and students transition to this new environment. The cornerstones of our services are: seamless access to superb digital collections when and where they are needed, teaching and research, collaboration between librarians and patrons, and a commitment to technology and service innovation.

Outreach, both physical and virtual, is an important part of library services in a digital age. In this report we explore some of these initiatives, from teaching with mobile devices to teaching with rare books and manuscripts. Librarians also extend services by attending morning report and grand rounds, serving on committees, and offering office hours in medical center departments.

This year we accomplished two major renovations to both our virtual and physical spaces. Our website, which was accessed over 9.5 million times last year, transitioned to the Drupal content management system, and the rare book stacks underwent significant climate control and space upgrades.

Finally, the staff is to be commended for excellent customer service, consistently demonstrating an eagerness to learn, flexibility, and a commitment to “best practices.”

A handwritten signature in black ink that reads "R. Kenny Marone". The signature is written in a cursive, flowing style.

R. Kenny Marone,
Associate University Librarian
Director of the Medical Library



Enhancing Our Services

Teaching in the Library

- Recognizing a need for scholars to better understand systematic literature reviews, the Education Services Librarian designed and taught a new class for the **Clinical Scholars Program at Yale** and **CORE** (Center for Outcomes Research and Evaluation). The 24 participants learned how to methodically summarize research evidence.
- As mobile devices, such as iPads and iPhones, become integral to clinical work, the Library has responded by offering classes on the most useful medical mobile applications. Medical and physician assistant students and faculty and staff from specific medical departments participated in **mobile device sessions** tailored to their particular needs.
- The **Library Training & Consultation Center** is frequently used by Medical School Departments for training and testing within their departments. Anesthesiology, Orthopedics, and Nursing reserved the room this past year. Most recently, nursing held a mandatory training and certification test for critical care and adult emergency nurses for the Health Stroke Scale from the National Institutes of Health.



Medical students using their iPads at a mobile device session.

Producing New Ways to Learn

The Medical Library continues to develop videos to teach patrons to use resources and to promote the collection and services.

- The Medical Library's **Prints and Drawings Curator** worked with the **Instructional Design Librarian** to produce three short videos discussing the Prints and Drawings Collection. These are now available on the Historical Library website and YouTube.
- The recently enacted **NIH Public Access Policy** requires scientists to submit final peer-reviewed journal manuscripts to the digital archive PubMed Central. A podcast was created to provide easy step-by-step instructions regarding the NIH Policy for staff, faculty, and researchers.
- Online video tutorials continue to be an easy way to learn new skills from a desktop or laptop. This year **36 new videos** were created, including EndNote X4 and RefWorks 2.0.

61,114 video downloads

491,994 pages digitally scanned

28,650 document delivery requests

2,955 Loansome Doc requests (for physicians unaffiliated with Yale)



Renovating for Preservation

The **Medical Historical Library** has a renowned collection of rare books and manuscripts kept entirely in locked stacks. This year, with the support of the Medical School, the Library was able to install a new heating, ventilation, and air conditioning system to provide an archival environment for delicate rare books. Further changes included an enhanced security system, new compact shelving, extensive cleaning and painting of the spaces, and a reorganization of the collections for easier use. In addition, workspaces were also designed for digitization, preservation, and processing of collections. The historical collections now reside in a space that will keep them preserved, secure, and accessible for many years to come.

New E-books Support the Curriculum

The Library purchased the **MD Consult Medical Education E-book Collection** providing unlimited access to more than 25 key medical textbooks. The collection contains Gray's Anatomy for Students, Guyton's Textbook of Medical Physiology, and Netter's Essential Histology.

Streamlining Interlibrary Loans Requests

This year the interlibrary loan process was restructured to make it easier to request material. As a result, nearly **700 faculty, staff, and students** registered for **ILLiad**, the interlibrary loan system on campus. The document delivery staff handles over 28,000 requests a year for both Yale patrons and libraries worldwide. Book and journal article requests were filled from 37 states and 7 countries to support Yale researcher needs. In exchange, the Library filled over **15,000** requests for clinicians and other health professionals as far away as Japan for material in the Library's collections.





Photo by John Curtis

Sarah McGlynn, Preservation Librarian, carefully cleans a rare manuscript.



Creating Partnerships

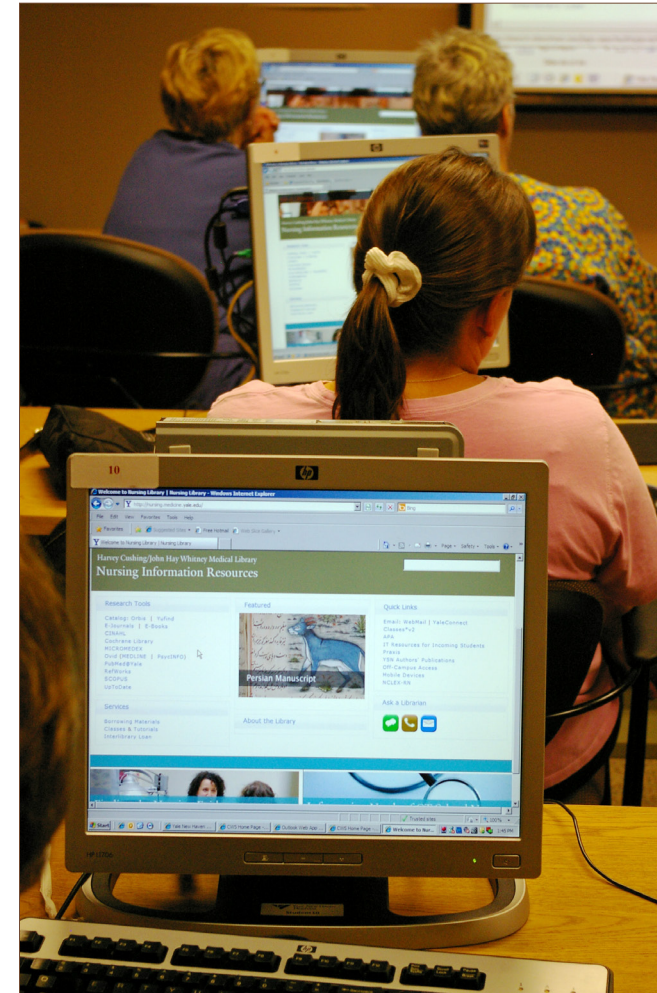
Working with Medical Campus Departments

Librarians cultivate relationships with departments on campus so faculty and staff personally appreciate how the Library supports their work and projects. Often faculty members invite their librarian to participate in an innovative program.

- Following the prestigious Magnet Recognition from the American Nurses Credentialing Center, all hospital nurses are now required to participate in EBP Foundation classes. Along with nurse educators, Yale Medical Librarians trained nurses to find evidence in the medical literature and use their results to improve clinical practices and patient care. **Over 15 classes** were conducted this past year; next year evening courses will be added for staff working late shifts.
- The **Yale School of Public Health** asked their librarian to assist them with distance education provided to nine different schools in Columbia. The librarian helped configure the distance education software and continues to provide training in using the software.
- When the **Assistant Dean for Education Scholarship** at the Medical School decided to create online cultural sensitivity training for faculty, she turned to the Medical Library. Medical librarians worked with her to organize and produce the modules.

"Educating staff nurses at YNHH on evidence-based nursing practice has been an initiative for several years. Staff nurses cannot say enough about the librarians who have helped them find the evidence that they needed to provide the best possible patient care at YNHH."

–Cindy Bautista, Assistant Clinical Professor,
School of Nursing



Nurses attending the Evidence-Based Practice Foundation class.



Creating Partnerships

Integrating Historical Resources

The **Historical Medical Library** is a treasure trove of materials, but these resources are of little use if they remain hidden in the stacks. The staff promotes the integration of their materials into teaching and learning activities at Yale.

- Librarians discussed and displayed diaries, artwork, and photographs from the Harvey Cushing Collection with students enrolled in the Yale College seminar course “**Visual Biographies.**”
- They also hosted a class session for the History of the Art course “**History of the Body in Art,**” in which the class studied materials from the medieval manuscripts collection.
- The Historical Medical Library hosted “**Humanities in Medicine**” sessions on Vesalius and on William Hunter’s Gravid Uterus for medical and nursing students.

Jacqueline Jung, Assistant Professor of Medieval Art and Architecture, points to an anatomical figure in Fasciculus Medicinae, 1491 during her class "The Body as Medium in Medieval Art and Culture" held in a conference in the Medical Library.





Guiding International Students

Librarians have long supported the special needs of incoming international students.

- In collaboration with the Center for Language Study, medical librarians participated with other university libraries to provide an introduction to library services and programs for foreign graduate students. The sessions covered general library-wide resources, electronic resources in particular fields of study, using Medical Library collections, and reviewing citation management systems.
- Medical librarians worked closely with international students from **Uganda** and **China**, who came to Yale to broaden their education in medicine and participate in clinical electives. Librarians offered courses on constructing clinical questions and search strategies, searching PubMed, critically appraising articles, and using evidence-based medicine resources.



*International students viewing treasures, including Vesalius' *De humani corporis fabrica*, 1543 from the Library's collection.*

Supporting Changes in Technology

As departments on the medical campus continue to rely on technology for their research, clinical work, and teaching, they consistently turn to the Medical Library for advice—often relying on the staff's technical expertise and knowledge in the use of new technologies.

- Yale-New Haven Hospital involved the Clinical Support Librarian in the search for a new **electronic medical record (EMR) system**. The librarian assessed how library resources could be properly licensed and then linked from the new EMR.
- Librarians were involved in the Hospital's piloting of **iPads** for use in clinical work, assisting with technical aspects of the iPad and with choosing appropriate apps. They were also involved as the School of Medicine Deans worked toward a decision to purchase iPads for every Yale medical student.
- The Deans invited the **Curriculum Support Librarian** to collaborate in testing and choosing a new course management system. The librarian accompanied them on site visits to see examples of competing systems, and investigated the technical issues involved in implementation.



Sharing Our Expertise

Mentoring Visiting Librarians

The Medical Library has a history of hosting librarians who come to learn how librarians work in the United States and at Yale specifically.

- This past year, **Xiaomin Ma**, a Subject Reference Service Librarian from the National Science Library, Chinese Academy of Sciences in Beijing China, spent six months working closely with the liaison librarians at the Medical Library. Xiaomin participated in the work of the Curriculum and Research Support Department, identifying best practices to share with her home institution, and offering her own expertise to the Library's many projects.
- **Holly Zerbe**, a National Library of Medicine Associate Fellow, joined the Library for a year to gain experience in areas of particular interest to her: e-collections and digitization.



Visiting librarian Xiaomin Ma with Kenny Marone.

Creating Online Resources for High School Students

Promoting reliable consumer health information is a long-standing goal at Yale. The Special Projects Librarian attained a **National Network of Libraries of Medicine award** and then worked with local New Haven high school students to produce a collection of YouTube videos called Healthflicks. Each short video highlights an important consumer health topic. The Healthflicks project, which currently consists of 11 episodes, is a project to build health literacy among teenagers by having their peers present the information.

<http://www.youtube.com/user/healthflicks>



Librarian Charles Greenberg with the teenagers involved with Healthflicks.



Mark Gentry presents information on mobile devices.



Supporting Clinical Care: An Institute in Evidence-Based Practice at Dartmouth College.

Teaching Others at Conferences

Medical librarians shared their knowledge with colleagues and health care professionals by presenting workshops and classes at various regional and national conferences and meetings.

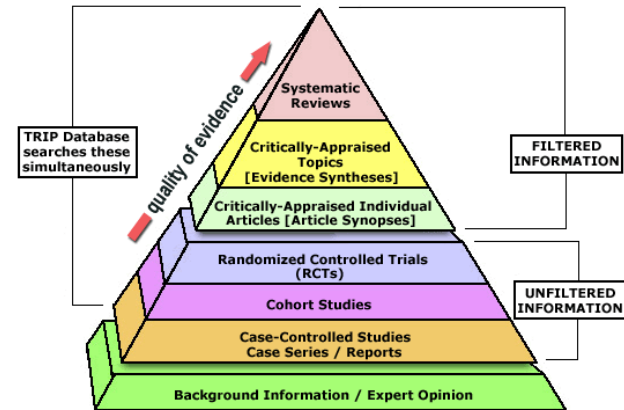
- The **Education Services Librarian** collaborated with a colleague from **Dartmouth College** to present a very successful continuing education class on “Searching in Support of Systematic Reviews,” which they taught at four different regional and national venues.
- Two medical librarians conducted a workshop for school nurses at the **Annual Meeting of the National Association of School Nurses**. In their course they demonstrated the use of freely available authoritative health care information resources to help school nurses maximize efficient use of these useful materials.
- Two Yale medical librarians worked with colleagues from Dartmouth and Duke to create and then serve as faculty for a three-day intensive institute designed for teaching librarians from across the country the skills necessary to understand and teach the process of evidence-based clinical practice. The fourth annual **“Supporting Clinical Care: An Institute in Evidence-Based Practice for Medical Librarians,”** held at Dartmouth College, was highly successful—registration for this popular institute closed in less than 13 minutes.
- Medical librarians teamed up with researchers and clinicians to team teach workshops. One librarian created and co-taught a workshop with a clinician on **“Navigating the Information Superhighway—How to find the Information you Need.”** This session was presented to clinicians at their annual meeting.



Promoting Our Resources

Disseminating the EBM Page Generator

This year marked a milestone for a collaborative project between medical librarians from Dartmouth College and Yale University. Five years ago these librarians collaborated to produce the [Evidence-Based Medicine \(EBM\) Page Generator](#). The Generator allows anyone to create an evidence-based pyramid that highlights evidence-based resources from their specific institution. The EBM Page Generator has been accessed **55,185** times since it became available, with colleges and universities worldwide producing web pages for their faculty, students and staff. The pyramid image alone has been utilized by authors in countless journal articles, books and presentations.



EBM Pyramid and EBM Page Generator, © 2006 Trustees of Dartmouth College and Yale University. All Rights Reserved. Produced by Jan Glover, David Izzo, Karen Odato and Lei Wang.

12

Supporting the Research4Life Initiative

[Research4Life](#) is a public-private partnership under the direction of the United Nations to close the knowledge gap between researchers in industrialized countries and the developing world. With the goal of developing worldwide access to leading research, Research4Life provides access to 5,500 peer-reviewed journals related to health and the social sciences. The Collection Development and Management Librarian conducted a Research4Life class at the [University of Guyana](#) in Georgetown, Guyana, to train health and information professionals to teach their colleagues about these resources. The Medical Library continues to support the Research4Life Initiative through ongoing metadata and cataloging work and subject assignments for the resources made available through the initiative.

*Research4Life Class given by Daniel Dollar
in Georgetown, Guyana.*





The Cushing Center

WTNH Publicizes the Cushing Center Throughout Connecticut

In June, the ABC-affiliated TV station for Connecticut, WTNH, visited the [Cushing Center](#) to film a short segment for a special-interest story. The feature highlighted the importance of the Cushing Center and its many facets including Harvey Cushing's Illustrations, rare book collection, brain tumor registry, memorabilia of his life, and his contributions to the field of neurosurgery.

Honoring Donor William H. Helfand at the Medical Library

More than 100 faculty, students, staff, and friends gathered in January to celebrate the gifts of collector [William H. Helfand](#), scholar of medical visual culture. Mr. Helfand attended a reception in his honor to mark the opening of the exhibit [Fin de siècle: Visual Culture of Medicine](#). The exhibit featured selections from the gifts of Mr. Helfand and included posters, prints, and illustrated newspapers from Paris.



[Chanteclair Liniment] Michel Liebeaux, 1920



Yale School of Medicine Bicentennial 2010-11

The Yale School of Medicine celebrated its bicentennial year beginning October 2010. The Medical Library honored and participated in this special event with several activities:

- Bicentennial photographs from the Cushing/Whitney Medical Library Digital Library were displayed in the Library Foyer.
- The exhibit, "Beginnings: The Medical Institution of Yale College and the New Haven Hospital" traced the history of the Yale School of Medicine from its beginning in 1810.
- "Two Hundred Years of Medical Education at Yale," a chronological exhibit, documented the changes in medical education from 1813 to the present.
- Community Day Celebration, held in October 2010, welcomed members of the community to tour the Library and the Cushing Center and view special library treasures in the Historical Library.



Yale Medical School, Class of 1895.

Bicentennial Lectures Held at the Medical Library

"Book Collecting, Historical Libraries and the Aesthetic Grounding of Modern Medicine," presented by John Harley Warner, Ph.D. September 10, 2010.

"A Short History of the Yale Arbovirus Research Unit (YARC)," presented by Gregory H. Tignor, D. Sc. March 4, 2011.

63rd Annual Lecture of the Medical Library Associates. "The Great Might-Have Been: A Chinese Visitor to Robert Boyle," presented by Jonathan Spence, Ph.D., Sterling Professor Emeritus of History. April 6, 2011.

Library Exhibits – July 2010 to June 2011

July – September 2010	<i>Cushing as Collector</i>
July – November 2010	<i>Medical Posters: On exhibit and in the Medical Digital Library</i>
September 2010 – January 2011	<i>Beginnings: The Medical Institution of Yale College and the New Haven Hospital</i>
October 2010	<i>Portraits from Mbale – Ernest Wright, medical student</i>
November 2010 – January 2011	<i>Both Here and There: Yale-China and a Century of Transformative Encounters</i>
February – May 2011	<i>Fin de siècle: Visual Culture of Medicine</i>
May – June 2011	<i>Two Hundred Years of Medical Education at Yale</i>

Medical Library Donors



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Medical Library

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