

Harvey Cushing / John Hay Whitney
Medical Library

Annual Report, 2013-2014



Contents

2	Welcome
3	Service Highlights
6	Partner in International Programs
7	Collections
7	Acquisitions
11	Library as Place
13	Special Report: Yale School of Nursing
14	Exhibits
17	Staff
19	Donors

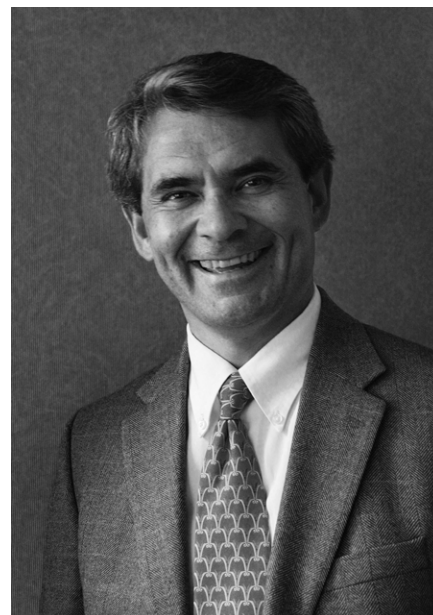
Welcome

On behalf of the staff of the Cushing/Whitney Medical Library, I'm honored to present this year's Annual Report. Whether supporting the clinical, research, or educational goals of users, the Library seeks to be an essential and valued research partner. This report highlights a wide range of activities and accomplishments, including:

- The diverse roles librarians have played in the clinical setting
- A 10% increase in the University's overall compliance with the NIH Public Access Policy, thanks in part to Library support
- The acquisition or licensing of new resources and collections
- Librarian assistance with videos for the new Yale School of Medicine (YSM) flipped curriculum
- A systematic review service supporting the publication of many articles, several of which listed librarians as coauthors
- The Library's formal designation as a Pan American Health Organization/World Health Organization Collaborating Centre
- Delivery of Library services, resources, and expertise to Yale School of Nursing (YSN)'s new home on West Campus
- Facility upgrades in study spaces provided by the Library
- Record use of the Library's world-class historical collections in classes, exhibits, and research
- The addition of Finn, a therapy dog, who visited the Library most Fridays
- And more!

All of us at the Medical Library share a deep sense of pride in this year's accomplishments, and it is with optimism and enthusiasm that we look forward to supporting and serving our users in the coming year.

John Gallagher
Interim Director



Service Highlights



CLINICAL INITIATIVES

With the acquisition of the Hospital of Saint Raphael in September 2012, Yale-New Haven Hospital (YNHH) became the fourth-largest hospital in the country. New funding from YNHH allowed the Library to create an additional clinical support librarian position to support hospital and YSM staff. Clinical support librarians identify areas where they can provide personal and immediate service to clinicians. They participate in morning rounds, clinical conferences, journal clubs, and graduate medical education meetings. Recognizing the increasing need to support residency programs with rigorous expectations for scholarly activity, librarians offer a suite of educational sessions based on the Graduate Medical Education criteria to improve residents' research skills.

Two new clinical apps, UpToDate mobile app and VisualDx app, were licensed by the Library to complement resources available in Epic. These apps are now available to all YNHH and University affiliates, and librarians offer extensive training in using the many mobile research tools we offer.

Discussions are under way with YNHH's Medical Director for Patient Experience to create a new consumer health librarian position. This librarian would assist families and patients in finding relevant health information.

ENHANCING RESEARCH IMPACT

Research librarians from the Medical Library and the Center for Science and Social Science Information have created a detailed guide to help researchers assess and enhance the impact of their published research. Looking at the diffusion of research outputs and activities in tandem with publication analysis provides a robust and comprehensive perspective on research impact. Classes are being offered at both locations on such topics as preparing to publish, research dissemination, keeping track of your research, and telling your impact story. One way to measure research impact is by looking at the researchers' collaboration networks. The accompanying graphic illustrates the international collaboration network of just one department in the School of Medicine.



192,656

Visitors to the Library building

1,243,286

Page views of the Library website

39

Nationalities represented in Library tour groups

100%

YSM 2014 graduating students who reported being "satisfied" or "very satisfied" with the Library

DID YOU KNOW?

You can Get It @ Yale!

- The world is your library. If Yale does not own a book or journal article you need, we will get it for you.

Search services

- We can provide systematic review and meta-analysis searching
- We can consult on complex or quick clinical searches
- We have a reference librarian available for in-person consultation Sunday through Thursday until 10 pm and Friday until 5 pm

Classes

- Classes in our computer classroom help you improve your literature searching, prepare to publish, and brush up on information survival skills
- Guides and tutorials offer bite-sized videos to refresh your skills and techniques using Library resources

Citation management

- We support RefWorks, EndNote, and EndNote Online

You can borrow

- Laptops (Mac and PC)
- Video cameras
- A green screen
- Phone and tablet chargers
- A SuperDrive

You can purchase

- Notecards of humorous medical prints and Persian art
- Reproductions of Harvey Cushing posters
- Retractable ID holders
- Coffee mugs



GRANT SUPPORT

This year, medical librarians have provided invaluable assistance in retaining grant funding for the University in a variety of ways. The Library provides individualized and timely support to Principal Investigators at Yale who need help complying with the NIH Public Access Policy. Failure to comply with that policy can result in the withholding of grant funding, yet the compliance process is complex and time-consuming for those unfamiliar with it. Since the Library began providing assistance and guidance to researchers, the University's rate of compliance has risen from 81% to 91%.

More than 1,100 Yale authors published in excess of 3,500 unique articles in 2013–2014. The Medical Library prepared author publication reports for the Yale Center for Clinical Investigation (YCCI), identifying, labeling, and tracking these articles. This service allows YCCI to quickly identify and process research that qualifies for NIH grant support.

Librarians assisted in the renewals of several large training grants, including the Medical Scientist Training Program and the Predoctoral Program in Cellular and Molecular Biology, representing more than \$3.6 million in continued funding.

YSM CURRICULUM REDESIGN

The pending 2015 implementation of the new YSM curriculum sparked a complete reassessment of the School's educational goals and objectives. The Office of Education partnered with the curriculum support librarian, Judy Spak, to examine and analyze the proficiencies required by all medical schools. This initiative included aligning YSM's nearly 1,200 educational goals and objectives to a standardized list, as well as mapping the Association of American Medical Colleges (AAMC) standardized instructional methodologies and assessment methods to the YSM curriculum within BlueDogs, the School's curriculum management system. This work served dual purposes, as it also streamlined the response to new reporting requirements and an upcoming accreditation visit by the AAMC.

The new YSM curriculum embraces learner-centric pedagogies and a greater use of the flipped-curriculum model of learner engagement. Contributing to its implementation, the instructional design librarian, Lei Wang, worked with the Office of Education to support faculty in the design, production, and use of videos to augment in-class learning activities. During one-on-one consultations, Lei provided advice and assistance to help faculty embrace the concept of the flipped curriculum. Applauding the collaborative effort, Michael Schwartz, Associate Dean for Curriculum, noted that the initial successes of video-based materials generated by YSM faculty, and the quality and simplicity of the support system created by the Library, "have been acclaimed and are envied within Yale and by a number of other medical schools, both domestically and internationally. I can only see a greater need for this service if we are to successfully implement the vision and promise of our new curriculum."

COURSE RESERVES

Annually, Library staff create electronically linked and print reserves for almost 100 courses. In 2013–2014 Library staff were responsible for more than 2,200 electronic links, more than 1,500 scanned pages, and 124 copyright clearance items that were uploaded to Library servers for student ease of access. More than 220 print items were placed on course reserve at the Library.

The Library joined the rest of the University in transitioning to software that provides new tools for managing course data without affecting the user's experience. Library staff facilitated the transition by inputting legacy course reserve data, including creating citations for and transitioning more than 7,600 archival pdf files.

13,806 Reference questions answered

49,360 Online tutorials downloaded

25 Faculty members trained this year to create
45 videos that augment in-class learning in flipped-curriculum courses

324 Classes and orientations provided by the Library

270,487 Scans, photocopies, and pages printed on our public multifunction machines

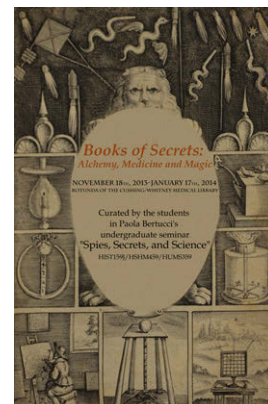
4,824 Books from other Yale libraries delivered to the Medical Library

2,119 Books from the Medical Library delivered to other Yale libraries

SPECIAL COLLECTIONS IN THE CLASSROOM

Working with Melissa Grafe, Bumstead Librarian for Medical History, students in Paola Bertucci's undergraduate seminar "Spies, Secrets, and Science" (Fall 2013) created the exhibition *Books of Secrets: Alchemy, Medicine, and Magic*. Books of secrets were cheap publications that divulged medicinal, alchemical, artisanal, and other kinds of "secrets" of nature and the arts. Mostly

compilations of recipes or how-to manuals, they met with extraordinary success from the sixteenth to the nineteenth century, being translated into several languages and reprinted in various editions. Each student selected and researched three objects from the Medical Historical collections for inclusion in the exhibition.



Partner in International Programs



INTERNATIONAL TEACHING

At the invitation of Internal Medicine's Office of Global Health, clinical librarian Mark Gentry traveled to Rwanda to teach a course on medical resources to local physicians. Mark partnered with librarians from the University of Rwanda to introduce physicians to resources that will help improve care. Patrick Kyamanywa, Dean of the School of Medicine and Pharmacy at the University of Rwanda, wrote that "The feedback filtering through is great and indeed demands for a repeat session and more! Many thanks...on making the collaboration so productive in contributing to faculty development."

HINARI

The Library has been designated a Pan American Health Organization/World Health Organization Collaborating Centre for Access to Research Information. As a Collaborating Centre, the Library supports Research4Life, a HINARI

program that partners with major publishers to provide health institutions in 100 developing countries with thousands of electronic journals and books. The Library works with publishers to ensure that the content is accurately represented in the HINARI database and is accessible to medical workers in HINARI partner countries.

RESOURCE SHARING

The Library scanned 3,133 book chapters and articles from our own collection and borrowed 7,914 items from other libraries for our patrons. Conversely, we provided more than 5,000 journal articles and books to other libraries around the world. Our service is successful due to our reciprocal partnership with the National Network of Libraries of Medicine and the National Library of Medicine, which guarantees health professionals access to journal articles, books, and audiovisual materials through resource sharing.

JOURNAL RETENTION PROJECT

The Library partnered with the National Library of Medicine (NLM) in agreeing to permanently retain more than 250 journal titles in print format. With the focus shifting to electronic journals, NLM is ensuring multiple means of access for future researchers. Print journals contain advertisements, journal covers, and indexes not found in the electronic versions. Our unique print collection will serve as a resource for scholars and researchers around the world.

Collections

The Library makes important decisions about how to give patrons convenient access to meaningful resources. Licensed electronic resources comprise 95% of the Library’s collections budget. The Library partnered with the Yale-New Haven Health System, which includes Bridgeport Hospital, Greenwich Hospital, and YNHH, to license and deploy content via Epic, the new electronic health record system. In support of this effort, the Library’s collection development and management librarian, Nathan Rupp, finalized two database contracts, ClinicalKey and UpToDate, representing \$2.6 million in expenditures. The Library also renegotiated electronic resource contracts to include the YNHH Saint Raphael Campus.

NEW DATABASES AND SEARCH TOOLS

BrowZine is a browsable newsstand of the Library’s top journals, delivering thousands of academic journals provided by the Library to an iPad or Android tablet.

ClinicalKey provides one-stop access to several hundred medical journals, reference books, and videos.

eNeurosurgery is a library of neurosurgical e-books from Thieme Publishers. It also includes a collection of illustrated procedures as well as images and videos.

UpToDate is a physician-authored clinical decision support resource that helps clinicians make point-of-care decisions.

LIBRARY RESOURCES BY THE NUMBERS

Resource Title	Uses/year
UpToDate	1,058,295
AccessMedicine	377,032
Nature	165,177
NEJM	151,107
Science	150,229
Cell	78,756
JAMA	61,915
ClinicalKey	33,266
Lancet	16,824



Acquisitions

NEW BOOKS ON MEDICAL PHOTOGRAPHY

P. Haushalter, G. Étienne, L. Spillmann, and Ch. Thiry, *Cliniques médicales iconographiques* (1901–2), containing a collection of photographs of clinical cases encountered over several years at the Faculty of Medicine at Nancy

F. Kranzfelder and W. Schwinning, *Die Funkenphotographie* (1903), an early study using spark photography to document the effects of projectiles on the human body

NEW MANUSCRIPTS

Edward Roth’s medical school notes and medical practice case books record the clinics he attended and cases he observed at Bellevue Hospital and at Charity Hospital on Blackwell’s Island, New York, in the late 1800s. Four medical casebooks document his medical practice in New Haven from October 1891 to June 1893. They list more than 1,300 patient visits in the New Haven area, providing names, locations, and ailments. Indexes to each volume note the numbers of visits to each patient and fees charged.

NEW PRINTS AND POSTERS

Weltbund der Kranken Pflegerinnen – ICN (World Congress of the International Council of Nurses), lithograph, 1912, is a significant addition to the Library's print collection. Founded in 1899 to advance the profession of nursing worldwide and to affect global and domestic health policy, the ICN was the first international organization for health care professionals. The third world congress, held in Cologne in 1912, discussed social conditions of nursing and overwork, among other issues. Three nurses from Lincoln Hospital in New York were the first African American delegates. The poster is a beautiful example of Jugendstil, the new modernism of the new century, and is particularly interesting as a very early example of design based upon typography.



Pietro Testa (Italian, 1611–1650), *Three Lucchese Saints Interceding with the Virgin for the Victims of the Plague*, etching, ca. 1630–31

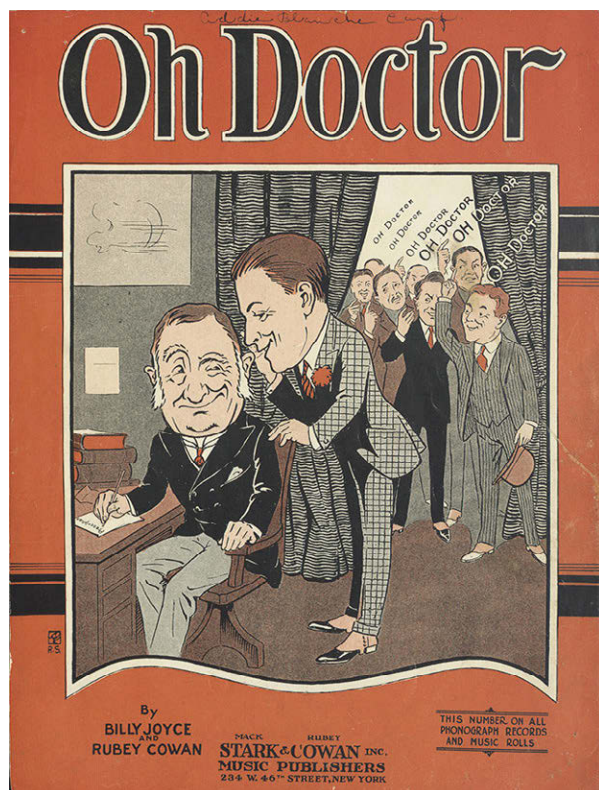


Jusepe de Ribera (Spanish, 1591–1652), *Small Grotesque Head*, etching, 1622; this print is a companion to *Large Grotesque Head*, acquired by Clements C. Fry, the original collector. The pair show examples of neurofibromatosis, also known as von Recklinghausen's disease.



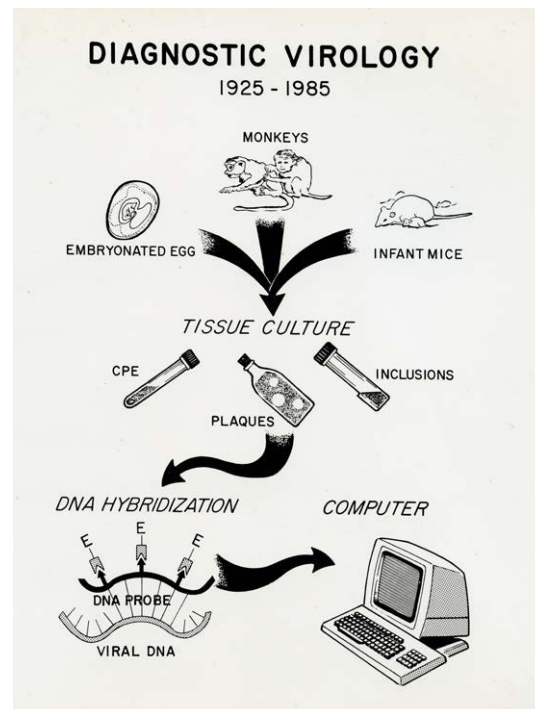
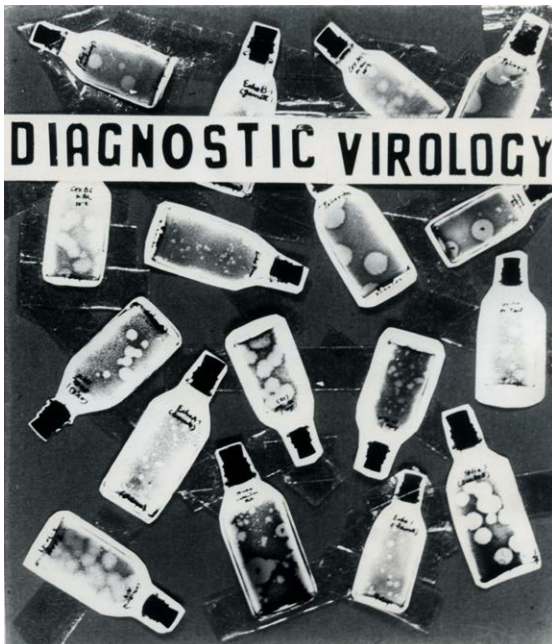
GIFTS

William Helfand, retired pharmaceutical company executive, historian of medicine, and collector of patent medicine material, donated nearly 9,000 items, including an assortment of medical-themed sheet music, prescription envelopes, books and pamphlets, playing cards, cigarette and patent medicine cards, postage stamps, stock certificates, and photographs. These ephemeral materials provide a view of medical and public health advertising in the nineteenth and twentieth centuries.





The papers of **Edith Hsiung** (1918–2006), a pioneer in the field of diagnostic virology, were given to the Medical Historical Library. Hsiung, who joined the YSM faculty in 1954 and was named professor emeritus of Laboratory Medicine in 1989, was known for the technique she invented to detect and characterize viruses. She authored a landmark textbook, established laboratories, and trained generations of new professionals in the field, even into her early 80s. Hsiung was also known for her development of animal models to study the pathogenesis and treatment of viral infections.





Stephen Malawista was associated with YSM for more than 50 years. His research bridged rheumatology, cell biology, inflammation, and infectious diseases, though Malawista is best known as the co-discoverer of Lyme disease. Prior to his death in September 2013, Malawista donated his papers – more than 40 boxes of correspondence, manuscripts, drafts, lab research, and notes – to the Medical Historical Library.

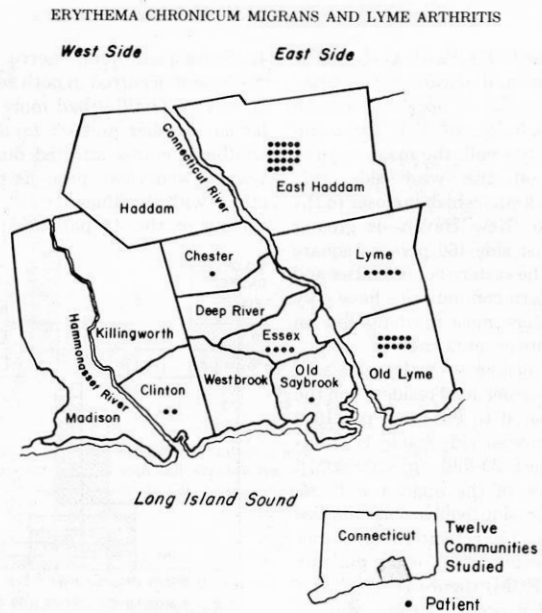


FIGURE 1. The geographic distribution of the 43 patients seen in 1977 is indicated, for each of three communities on the east side of the Connecticut River and nine communities on the west side. The incidence of the illness was nearly 30 times as great on the east side as on the west ($p < .0000001$).

Library as Place

FINN THE THERAPY DOG

In November 2013, Krista Knudson, a YSN doctoral student, volunteered her dog, Finn, as a therapy dog for the Library. Finn started working in January 2014 and has been warmly received. He and Krista may be found greeting students, faculty, and staff in the Library most Fridays.

CLINICIANS' STUDY CENTER

The Clinicians' Study Center opened on the Saint Raphael Campus of YNHH in June 2014. This space offers a quiet refuge for clinicians and trainees to read, write, study, or access online medical literature. Our librarians can meet with users there to provide research assistance or training in the use of Library resources and tools. The center, located on the first floor of the Orchard Medical Building, includes ten new computers, a printer, and additional table seating for more than a dozen.



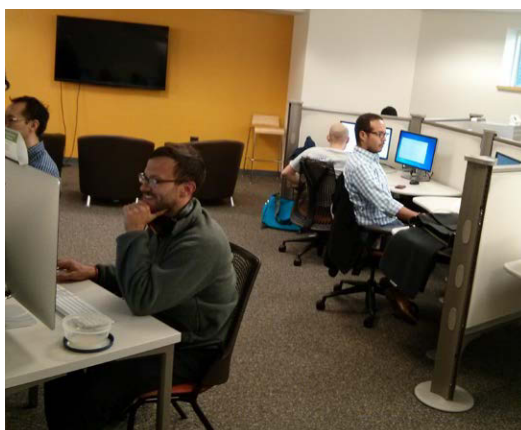


CUSHING CENTER CONFERENCE ROOM

Among the many YSM faculty using the Tandberg videoconferencing system in the Cushing Center Conference Room (above) is Karla Neugebauer, Ph.D., who joined the faculty in July 2013 as Professor of Molecular Biophysics and Biochemistry. Neugebauer was previously a group leader at the Max Planck Institute of Molecular Cell Biology and Genetics, and she often uses the teleconferencing system to conduct lab meetings with colleagues in Dresden: “The teleconferencing center really helped me establish my lab at Yale. The nature of research these days is interdisciplinary, and one needs to convene several experts on each side of the camera in order to have a productive discussion.”

MAKING ROOM

To support the changing needs of the Yale Medical Center and the demand for physical space, the Library moved many low-use books and journal volumes to the University’s Library Shelving Facility in Hamden. Five thousand square feet of space became available for new uses, and the Library provides quick 24-hour delivery of these books when they are requested.



24/7 COMPUTER & STUDY SPACE

The Medical Library Computer Resource Laboratory was renovated over the summer and renamed the 24/7 Computer & Study Space (above). The name reminds users that this multipurpose room is accessible to anyone with a Yale ID anytime, day or night. The renovated space includes all new furniture, upgraded monitors, new software including qualitative analysis applications (Atlas.ti and NVivo), height-adjustable tables (great for laptop users), a large wall-mounted monitor for collaborative work, and soft seating.

10

Spaces that can be reserved in the Library

1,475

Conference room reservations

7,602

Hours reserved in study rooms

104

Average number of hours the Library is open per week

55

Days the Library was open past midnight

Special Report



SUPPORTING THE YALE SCHOOL OF NURSING DURING HISTORIC CHANGE

In the summer of 2013, the Yale School of Nursing (YSN) relocated from 100 Church Street South to a new home on Yale University's West Campus. A priority for the Library was ensuring that YSN faculty, staff, and students continued to have exceptional information support and access.

The nursing librarian, Janene Batten, was an integral part of the YSN West Campus planning committee, identifying ways in which the Library could support the transition. Today, Janene is embedded in both the West Campus and Medical Center communities and is actively engaged in classes, training, and providing library services on both campuses. She was also involved in designing new study spaces for the YSN community. As a result, YSN West Campus has an inviting study space with a mix of small and large study rooms equipped with various technologies, as well as a large Learning Commons that has several seating arrangements and full computing and printing capabilities.

This year, the Library successfully piloted a new course reserve system for YSN. Most readings have migrated to the digital medium and consequently can be accessed from anywhere. The Learning Commons also houses a small permanent print collection that includes essential textbooks for YSN students. Additionally, Library materials from all Yale libraries are regularly delivered to West Campus via a new delivery truck purchased with support from West Campus Administration. Three book drops were installed at West Campus to provide easy return of materials to the main campus.

This year also marked YSN's 90th anniversary. The School holds the distinct honor of being the oldest university-based school of nursing in the world. Its establishment in 1923 turned the education of nurses from a hospital training program, open to applicants with a minimum of one year of high school, into a post-baccalaureate nursing program of the same rigor as any graduate course of study at Yale.

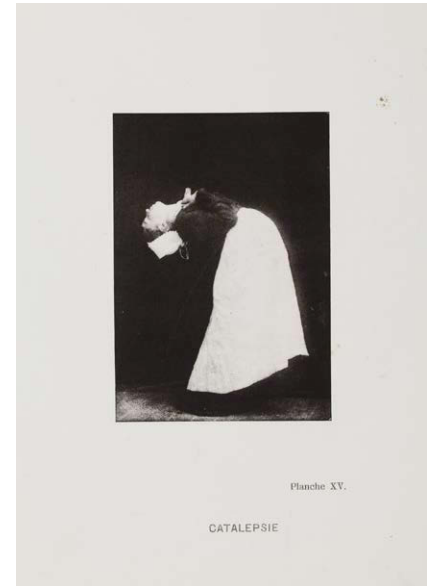
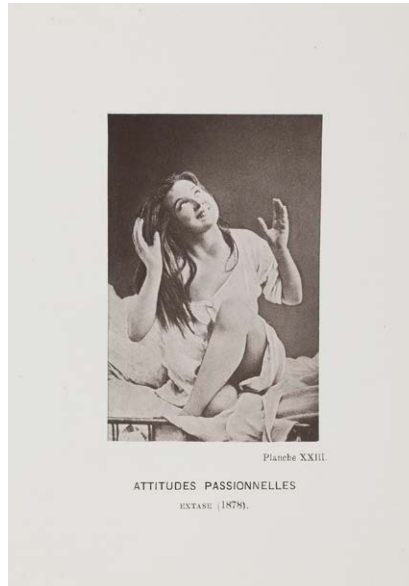
As part of the 90th anniversary celebration, the Library digitized the large collection of historical YSN alumni newsletters, memorabilia, and class photos dating from 1926. The Library also prepared an exhibit, *Nursing at 90: A Celebration of the Yale School of Nursing Alumni*, that highlighted the contributions of the YSN program, its graduates, and the profession.



Exhibits

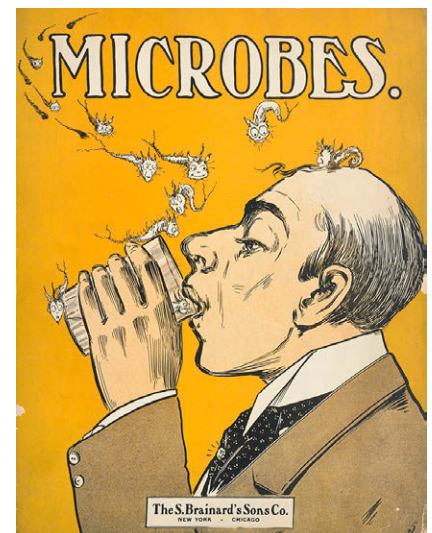
“Iconographie photographique de la Salpêtrière”: The Physician and the Hysterical Women

The *Iconographie photographique de la Salpêtrière* (1876–80), a landmark publication in medical photography, was on view in the Rotunda of the Library in the fall of 2013. This collection of texts and photographs represents the female patients of Dr. Jean-Martin Charcot at the Salpêtrière hospital and asylum during the years of his tenure as director. The patients, diagnosed primarily with hysteria or epilepsy, were treated at the asylum even as they acted as experimental subjects for Charcot’s development of the hysteria diagnosis. This collection represents a transformative moment in the history of the diagnosis, treatment, and representation of mental illness. The exhibit was organized by Courtney Thompson, a doctoral student in the Program in the History of Medicine, with the help of Susan Wheeler, curator for prints and drawings at the Library.



A Cure for What Ails You: Songs from the Library’s Sheet Music Collection

This exhibit celebrated a new collection of medically themed sheet music donated by William Helfand. There are more than a thousand items in the collection on medical providers, ailments both real and imagined, cures for all purposes (especially for lovesickness), and music advertising patent medicines. Most of the music was written for public entertainment and includes a variety of genres. The engraved and lithographed sheet music covers provide striking images of medicine and popular culture. Programming occasioned by *A Cure for What Ails You* included a well-attended lunchtime musical revue in April, featuring songs from the exhibition sung by Library staff and doctors.





July 22–September 12, 2013

Eight Interesting Objects (Rotunda)

Selections from the New Global Health Collection (Foyer)

The Sexual Revolution and Movie Thrillers with Medical Themes (Hallway)

September 16–November 15, 2013

“Iconographie photographique de la Salpêtrière”: The Physician and the Hysterical Women (Rotunda)

Nursing at 90: A Celebration of the Yale School of Nursing Alumni (Foyer)

“La Femme” (1886) by French artist Paul-Albert Besnard (Hallway)

November 18, 2013–January 17, 2014

Books of Secrets: Alchemy, Medicine, and Magic (all cases)

January 23–May 2, 2014

“Testimonial for Dr. Belfast Burton born a slave” and other acquisitions (Rotunda)

A Cure for What Ails You: Songs from the Library’s Sheet Music Collection (Foyer)

“The Morphine Addict” by Eugène Grasset and other selected acquisitions (Hallway)

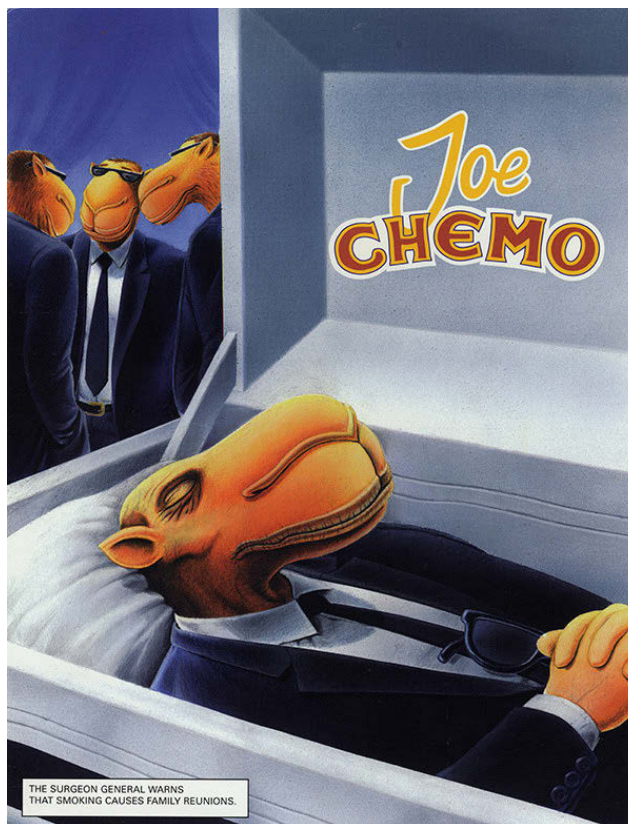
May 15–August 12, 2014

Selling Smoke: Tobacco Advertising and Anti-smoking Campaigns (all cases)



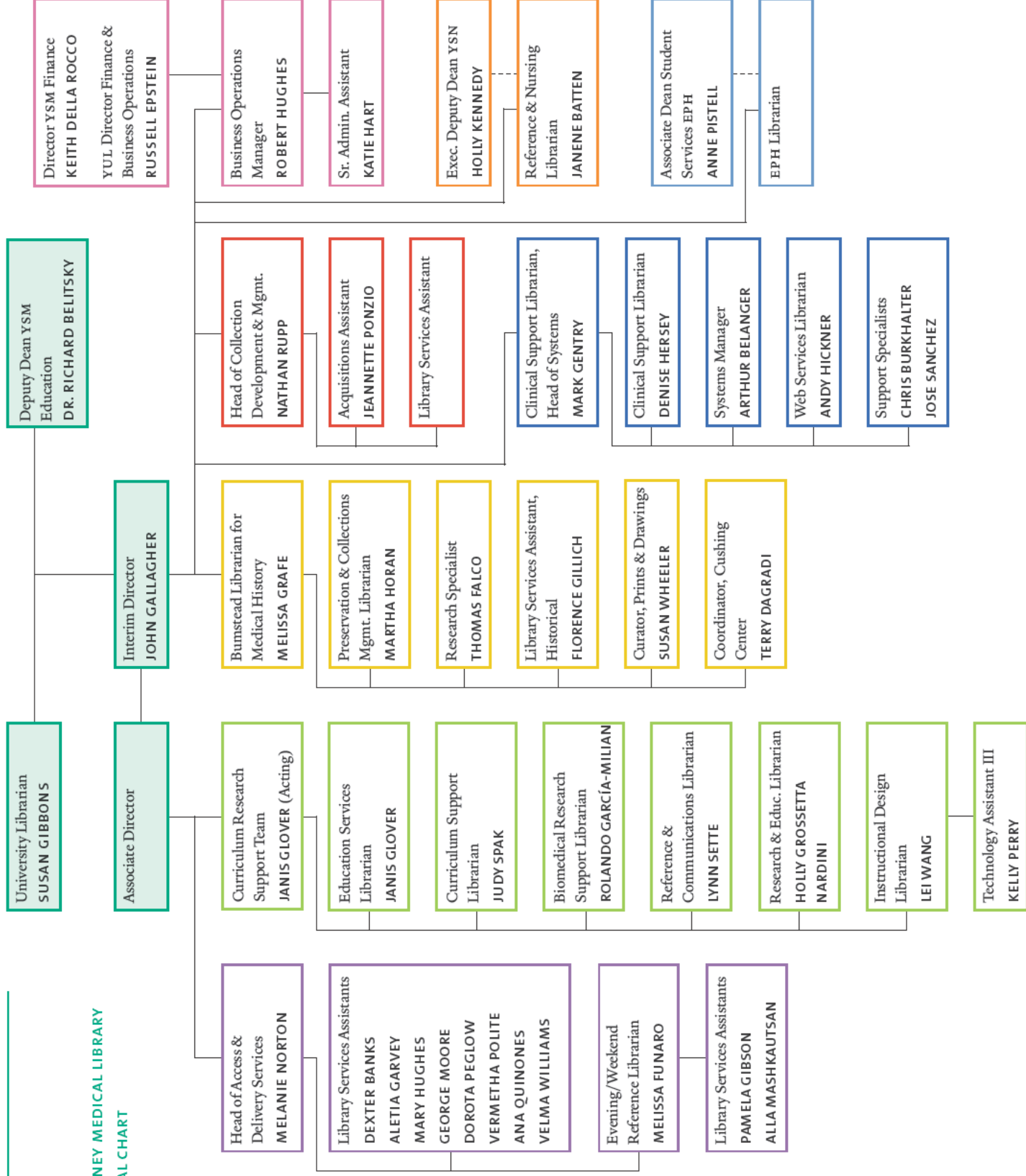
Selling Smoke: Tobacco Advertising and Anti-smoking Campaigns

The tobacco industry has been selling smoke in America and other countries for well over a century. Tobacco advertisers slickly package smoking in a variety of ways, from sultry ladies to Santa, to lure consumers to different brands. *Selling Smoke* exhibited a wide array of tobacco advertising from the William Van Duyn collection of magazine advertisements, ephemera, articles, and photographs. Anti-smoking campaign materials from a variety of public health organizations, including multiple U.S. Surgeons General, were on display, tracing worldwide efforts to stamp out smoking. An online exhibit included 1,000 additional smoking advertisements that were digitized through federal funds from the National Library of Medicine.



Staff

CUSHING/WHITNEY MEDICAL LIBRARY
ORGANIZATIONAL CHART
2013 – 2014



LIBRARY STAFF PUBLICATIONS

García-Milian R, Norton HF, Auten B, Davis VI, Holmes KL, Johnson M, and Tennant MR (2013). "Librarians as part of cross-disciplinary, multi-institutional team projects: experiences from the VIVO collaboration." *Science and Technology Libraries* 32(2): 160–175.

Lyon JA, García-Milian R, Norton HF, and Tennant MR (2014). "The use of Research Electronic Data Capture (REDCap) software to create a database of librarian-mediated literature searches." *Medical Reference Services Quarterly* 33(3): 241–252.

Schaefer N, Stoyan-Rosenzweig N, and García-Milian R (2014). "Health and safety during Canal construction." In *100 Years of the Panama Canal: Celebrating the Centennial 1914–2014*. Tampa, FL: Faircount Media Group: 134–141.

Becker WC, Fraenkel L, Edelman EJ, Holt SR, Glover J, Kerns RD, and Fiellin DA (2013). "Instruments to assess patient-reported safety, efficacy, or misuse of current opioid therapy for chronic pain: a systematic review." *Pain* 154(6): 905–916.

Edelman EJ, Gordon KS, Glover J, McNicholl IR, Fiellin DA, and Justice AC (2013). "The next therapeutic challenge in HIV: polypharmacy." *Drugs and Aging* 30(8): 613–628.

Vidal E, Sharathkumar A, Glover J, and Faustino EVS (2014). "Central venous catheter-related thrombosis and thromboprophylaxis in children: a systematic review and meta-analysis." *Journal of Thrombosis and Haemostasis* 12(7): 1096–1109.

Yonkers KA, Blackwell KA, Glover J, and Forray A (2014). "Antidepressant use in pregnant and postpartum women." *Annual Review of Clinical Psychology* 10: 369–392.

Nayeri UA, West AB, Grossetta Nardini HK, Copel JA, and Sfakianaki AK (2013). "Systematic review of sonographic findings of placental mesenchymal dysplasia and subsequent pregnancy outcome." *Ultrasound in Obstetrics and Gynecology* 41(4): 366–374.

Xu X, Grossetta Nardini HK, and Ruger JP (2014). "Micro-costing studies in the health and medical literature: protocol for a systematic review." *Systematic Reviews* 3: 47.

Kurup V, Considine A, Hersey D, Dai F, Senior A, Silverman DG, and Dabu-Bondoc S (2013). "Role of the Internet as an information resource for surgical patients: a survey of 877 patients." *British Journal of Anaesthesia* 110(1): 54–58.

Kurup V, Dabu-Bondoc S, Senior A, Dai F, Hersey D, and Vadivelu N (2014). "Concern for pain in the pre-operative period - is the Internet being used for information by patients?" *Pain Practice* 14(2): E69–E75.

Kurup V and Hersey D (2013). "The changing landscape of anesthesia education: is flipped classroom the answer?" *Current Opinion in Anaesthesiology* 26(6): 726–731.

Hickner A (2014). "Considering drupal as a content management system." *MLA News* 54(7): 19.

Rohde JM, Dimcheff DE, Blumberg N, Saint S, Langa KM, Kuhn L, Hickner A, and Rogers MAM (2014). "Health care-associated infection after red blood cell transfusion: a systematic review and meta-analysis." *JAMA – Journal of the American Medical Association* 311(13): 1317–1326.



Donors

GIFTS OF \$250 OR MORE

Acadia Management Company, Inc.	Donald Kent
Susan Baserga	Betty Klein
Robert Bazemore	Michael Lee
Berkshire Taconic	Richard Leff
Community Foundation	Robert Lyons
Gerard Burrow	Preston Manning
Michael Carey	Robert Marcus
Kathleen Carney-Godley	Regina Marone
James Chang	Hugh Moffet
Catherine Chiles	Robert Posteraro
The Charles A. Coffin Memorial Fund	Seth Powsner
Frederick Cohn	Robert Rosa
Phillip Cusano	Seth Rosenthal
Thomas Davenport	Mary Schley
Robert Donohue	Frederick Sherman
Arthur Ebbert	Stanley Simbonis
John Fenn	Gilbert Solitare
The Fidelity Charitable Gift Fund	Yung Son
Michael Gilbert	Dennis Spencer
Glenn Gorlitsky	Shepard Stone
Carl Henningson	Lee Strohl
Richard Hockman	Michael Toren
Richard Kahler	Albert Ungricht
Michael Kashgarian	Seth Weingarten
Kristaps Keggi	A. West
	Wilderness Spine Services, P.C.
	Jane Young
	Ross Zbar

“Whenever I meet graduates, they fondly recall the Library and how wonderfully it served them during their years at Yale. They mention enlightening time spent researching our collections, the personal assistance of a valued librarian, or favorite places within the Library to study or escape. Through the wonderful generosity of our current donors, we ensure that the Library remains a valued research partner, and that future generations of students and library users will create their own memories and cherished experiences.” — John Gallagher

BECOME A FRIEND OF THE MEDICAL LIBRARY

Through the generosity and support of our Associates, the Medical Library provides essential support for biomedical education, research, and patient care. We encourage you to consider supporting this invaluable and comprehensive resource by becoming a member of the Medical Library Associates.

To make a gift or to find out more about becoming a Medical Library Associate, please visit <http://associates.medicine.yale.edu> or contact Katie Hart at katherine.hart@yale.edu or 203-785-5352. All gifts are tax-deductible.





Surgical set in mahogany box, containing instruments with ebony handles. Manufactured by G. Tiemann, New York, 1872. Medical Historical Library Collections, Cushing/Whitney Medical Library

This set, including a handwritten list of instruments, was sold to Dr. William. L. Bradley – an 1864 graduate of Yale Medical School – by McNeil & Washburn, New Haven. Visit <http://cushing.med.yale.edu/gddl/collect/medinst> for more on the Library's collection of medical instruments.