

Harvey Cushing / John Hay Whitney  
Medical Library, Yale University

*Annual Report, 2017–2018*



## Contents

- 2 From the Director
- 3 Feature: Librarians as Educators
- 7 Creating a More Accessible and Discoverable Library
- 9 Research Data Management Support
- 10 Collaboration
- 13 Collections
- 14 Library as Place
- 15 Exhibits
- 16 Library Supporters and Friends
- 18 Staff Highlights
- 23 Staff

Cover: Instruction and teaching are central to the CWML's mission. Hundreds come to the library each year to take classes they cannot find elsewhere, and medical librarians are involved in curricular teaching across many of Yale's schools. Here, Caitlin Meyer teaches a class on EndNote in the library's classroom.

*Photo: Terry Dagradi*

## From the Director

On behalf of the medical library team and colleagues across the entire Yale University Library (YUL) system, it is my honor to share with you the 2017–2018 Annual Report of the Harvey Cushing/John Hay Whitney Medical Library (CWML).

The vibrancy and expansion of the Medical Center's clinical, research, and educational activities have resulted in an increased demand for library services and assistance. This year librarians were extremely active in teaching within curricula: showing Yale School of Public Health students the best ways to search the gray literature, instructing Doctor of Nursing Practice students how to critically appraise research articles, and teaching medical students how to frame clinical questions and how to incorporate evidence-based practice in their clerkships. We have increased the number of classes and training sessions we offer and have seen significant growth in the volume of requests for one-on-one library consultations and research support. And, despite the imposition that preparation for renovations may have caused, the number of visitors to the library remained high.

The CWML staff continually push ourselves to adapt to the evolving and diverse needs of those we serve, and to keep pace with changing technologies and research tools. Library support for scholarly communication and bioinformatics is a priority. Data management and curation present a newer opportunity, and the library now has expanded resources to help clinicians and researchers adhere to funders' data sharing, dissemination, and preservation requirements.

For both emerging and traditional services, this year CWML librarians received national and local recognition for their professional contributions and their positive impact on faculty, students, staff, and researchers. The Staff Highlights section demonstrates the breadth and depth of staff achievements and gives me tremendous personal pride.

This report may introduce you to library services, collections, resources, or expertise you were unaware that the CWML provides. If so, I encourage you to contact me to learn more. We strive to support your work in the most meaningful ways, sometimes in a manner beyond what you may perceive as a traditional library service.

John Gallagher



*Photo: JoAnne Wilcox*



## Librarians as Educators

In its list of six core competencies for the profession, the Medical Library Association includes Instruction, saying that “A health information professional educates others in the skills of bioscience, clinical, and health information literacy.” At Yale, instruction and teaching are at the very heart of medical librarianship. Each year, CWML librarians collaborate in curricula across the Medical Center and the University, bringing hundreds of students to the library to learn skills they cannot find elsewhere and often co-teaching in classrooms and labs.

Librarian involvement in the curriculum guides learners in the Yale community – ranging from first-year students to residents, fellows, post-docs, and faculty – in developing and fine-tuning evidence-based practice skills that will inform their research and clinical work throughout their careers. Our classes are valuable for the successful completion of research theses, literature reviews, and randomized controlled trial proposals. At a national level, the library’s continuing involvement in the medical school curriculum is on the vanguard of the Association of American Medical Colleges’ Core Entrustable Professional Activities for Entering Residency and informs the work of the Association of Academic Health Sciences Libraries’ Task Force on Competency-Based Medical Education.

CWML workshops offer the entirety of the Yale community the chance to learn new skills. Yale students and faculty alike learn fundamental database searching skills, citation management strategies, how to create surveys, and more. The basic science populations benefit from library-arranged visits from vendors to learn complex software for data analysis. Public health researchers learn to leverage GIS and census data to augment their work.

### TEACHING IN THE CURRICULUM

Though a list of curricular sessions is included at the end of each annual report, the broadened scope and incredible depth of librarian involvement in the curricula across the Schools of Medicine (YSM), Nursing (YSN), and Public Health (YSPH), and Yale College this year warrant special mention.



### School of Medicine

Building on past involvement in two of the four clinical clerkships for medical students, Assistant Director of Research and Education Services Judy Spak successfully proposed and implemented a scaffolded instruction program across all four clerkships. The first block focuses on searching the biomedical literature, the second teaches point-of-care resources, the third introduces resources beyond PubMed, and the fourth synthesizes the first three sessions with a challenging small-group activity designed by Research and Education Librarian Caitlin Meyer.

### Physician Associate Program

Judy Spak, Caitlin Meyer, and Senior Research and Education Librarian Jan Glover reenergized the CWML’s long-standing involvement in the Physician Associate research curriculum with active learning techniques. This year, instead of

Melissa Funaro teaches search skills for PubMed

Judy Spak and Caitlin Meyer teaching medical students

*Photos: Terry Dagradi*

## NEW CWML CLASSES

EndNote for Mac

EndNote for PC

EndNote vs Zotero

Finding the Right Biomedical Data Repository

Free Resources and Services in Support of  
Research

Integrative and Complementary Medicine:  
Searching for Evidence

Measuring Research Impact with Scopus

Point-of-Care Resources: UpToDate vs  
DynaMed Plus

PubMed for Clinicians

PubMed for Researchers

PubMed vs Ovid MEDLINE

Research Data Management

Working with Census Data

individual meetings, students took a librarian-designed self-assessment to gauge their abilities in seventeen key competencies necessary to write a literature review. Students then registered for one of six workshops tailored to their needs. This enabled students to fine-tune their skills in a structured environment while having access to the subject expertise of librarians and the support of their peers.

### School of Nursing

Nursing Librarian Janene Batten co-developed and taught an online class in the Doctor of Nursing Practice (D.N.P.) program: N958, Evidence Seminar for the Doctor of Nursing Practice. She created a series of self-paced online tutorials about how to write a literature review. Weekly, students work through a series of four exercises to find information and evidence in support of their review, which are then assessed by the librarian. Janene is also integrated across other programs at the YSN, including teaching a session about evidence in support of clinical practice to 104 students in the Graduate Entry Prespecialty in Nursing program.



### School of Public Health

Research and Education Librarian Kate Nyhan continued to expand services to YSPH. Her innovative support includes participation in departmental thesis “write-in” events, where she helps students at every stage in the thesis process. The methods of scoping and systematic reviews, the identification of public-use datasets, and citation management are common consultation topics at these sessions. YSPH faculty and thesis advisers rely on Kate to help students choose where to publish articles, considering their target audience, research impact metrics, reproducibility, open access article processing charges, predatory journals, and discoverability. Kate was involved in more than ten classes in the YSPH curriculum, giving lectures, running hands-on exercises, and holding special office hours. All of these activities prepare students to “apply evidence-based principles and the scientific knowledge base to critical evaluation and decision-making in public health” – a competency articulated by the Council on Education for Public Health.

### Yale College and the Graduate School

Head of the Medical Historical Library and John R. Bumstead Librarian for Medical History Melissa Grafe and Curator of Prints and Drawings Susan Wheeler expanded use of materials from the Medical Historical Library collections by hosting multiple primary source sessions for Yale College

Students engaged with  
CWML special collections  
*Photo: Terry Dagradi*



and Graduate School of Arts and Sciences classes. In these sessions, Melissa and Susan exposed students to prints, posters, sheet music, ephemera, books, journals, and other historic items and guided students through primary source exercises. More than two hundred students in Media and Medicine, a lecture course taught by John Warner, Ph.D., and Gretchen Berland, M.D., came to the Medical Historical Library over the course of two and a half days to explore posters, advertisements, and ephemera for their research papers. Other classes used historical resources to research health care and the urban poor, public health, medical photography, and neurology.

#### **LIBRARY WORKSHOP PROGRAM**

The Conn Center, the CWML's teaching classroom, was busy this year! CWML staff taught 187 workshops to the Yale community, reaching more than eight hundred attendees. An analysis of class attendance by time of day helped to optimize class scheduling to suit users' needs; we are now focusing on 10 am, 1 pm, and 4 pm, plus some evenings and weekends. In addition, two popular general classes were reimaged into user-specific versions, such as *EndNote for Mac* and *PubMed for Clinicians*. This in-person instruction is complemented by online modules for distance education and video tutorials and research guides that reach thousands of people worldwide at any time of day.

One of the most popular new classes was *Free Resources and Services in Support of Research*. This



Bob Hughes teaching an Excel class in the Conn Center

Photo: Holly Grossetta Nardini



twice monthly orientation provides new arrivals with a twenty-minute introduction to the vast array of resources and services available to Yale researchers, followed by a tour with Library Services Assistant Mary Hughes. Other new classes included *Finding the Right Biomedical Data Repository*, *Measuring Research Impact with Scopus*, and a class comparing the point-of-care tools UpToDate and DynaMed Plus. Operations Manager Bob Hughes continued to offer two Excel classes for patrons to brush up their skills or learn advanced techniques.

#### **GRADUATE MEDICAL EDUCATION AND YALE NEW HAVEN HOSPITAL (YNHH)**

CWML librarians increased their curricular participation in the hospital residency programs beyond their comprehensive orientation sessions in every department. Clinical Librarian Alexandria Brackett developed and delivered didactic sessions on point-of-care library resources and evidence-based practice literature searching to second-year residents in the Departments of Anesthesiology and Surgery. Clinical Librarian Melissa Funaro presented a Grand Round Lecture to the Child Study Center called "Brave New World: How the CWML supports your research and saves you time." Outreach services to the clinical community will further expand under the new leadership of Assistant Director of Clinical Information Services Katherine Stemmer Frumento, who was hired in April.

CWML clinical team (L to R)  
Melissa Funaro, Alexandria  
Brackett, Alyssa Grimshaw,  
Janene Batten, and Katherine  
Stemmer Frumento

Photo: Terry Dagradi

To ensure that patients receive the best evidence-based care, clinical librarians continue to provide a wide array of classes and point-of-need instruction to YNHH health care teams. One example is librarians rounding with the SICU and MICU clinical teams, responding on-the-spot and later with relevant literature. Two online modules on the principles of searching for evidence were developed to ensure consistent evidence-based practice education to all nurses across Yale New Haven Health System (YNHHS). For more than a decade this had been taught collaboratively by librarians and nurse educators in face-to-face classes. Both of these new approaches to teaching have resulted in sharp increases in the number of consultations with clinical librarians.

Librarians developed instruction opportunities for two new YNHH user groups: administrative assistants and chaplains. Alexandria Brackett and Caitlin Meyer developed and deployed a series of four thirty-minute workshops for administrative assistants at YNHH to help them more easily locate articles, create bibliographies and CVs, find and understand research impact metrics, and create surveys. Alexandria and Melissa Funaro collaborated with the Divinity Library to create two sessions for chaplains in the Department of Spiritual Care. Chaplains learned about information resources, conducting effective literature searches, managing search results, and staying current with the literature.



Katherine Stemmer Frumento participating in rounds on the Medical Intensive Care Unit at YNHH

*Photo: Terry Dagradi*



Kate Nyhan and library assistant Chhime Rinzen in the library of the faculty of nursing and public health at Khesar Gyalpo University of Medical Sciences of Bhutan

In one of the most far-flung examples of librarian as educator, Kate Nyhan spent ten days consulting and teaching in Thimphu, Bhutan, at the invitation of Khesar Gyalpo University of Medical Sciences. Building on partnerships created by faculty at the YSPH, and with the support of the Bhutan Foundation, Kate conducted a needs assessment of library support for research and education at the university. In addition to meetings with faculty, staff, and students, she taught participants in a Bhutan Foundation training workshop about literature reviews, survey instruments, and publishing. Kate's capacity-building work in Bhutan aligns with the larger tradition at the CWML of supporting global health.



## Creating a More Accessible and Discoverable Library

Always striving to meet users' needs, CWML staff developed services and implemented avenues for researchers, students, and the casual observer to discover the many wonders of the collections.

### **DIGITIZING YSM THESES**

Through a generous grant from the Arcadia Fund, the CWML embarked on a mass digitization project of YSM theses. Melissa Grafe and former Head of Collection Development Nathan Rupp developed this project in response to a growing recognition that online theses were being used more than the physical copies. In coordination with the Alumni Affairs office, e-mails were sent to living YSM alumni to obtain permission to digitize theses written after 1923. Within three weeks, 1,150 alumni gave permission to digitize their theses. More than 1,200 were digitized, including some of Yale's earliest surviving theses, dating to 1842. The digitized theses are a window into the changing nature of medicine in America. All digitized medical theses are now available from EliScholar, Yale's digital platform for scholarly publishing, and the Medical Heritage Library, an online international consortium of major medical libraries and institutions, of which the CWML is a founding partner.

### **RESEARCH WITH IMAGES**

To meet the needs of researchers who wish to find and analyze images within medical texts, Systems Project Manager Arthur Belanger began extracting millions of images from more than 200,000 digitized books in the Medical Heritage Library, including thousands of books from Yale's collections. Once freed from their textual boundaries, images in medical books and journals provide a window into medical history, art, visual culture, and other fields of study. Increasingly, researchers, faculty, students, and the public exploring medical topics that span different themes, geographical regions, and time periods have turned to photographs, advertisements, images of instruments, and other visuals as sources. As a next step, Melissa Grafe was awarded a National Network of Libraries of Medicine grant to leverage



state-of-the-art technologies to further analyze the extracted images. This collaboration with YUL's Digital Humanities Lab aims to analyze millions of medical images from books and journals dating back to the sixteenth century and to provide researchers with a powerful image discovery tool.

Historical Library Services Assistant Chris Zollo prepares YSM theses for digitization  
*Photo: Melissa Grafe*

### **PROMOTING AWARENESS AND ACCESS**

Yale's commitment to accessibility drives how the library provides access to content through our website. Dedication to Yale's mission to advance "the free exchange of ideas in an ethical, interdependent, and diverse community" includes ensuring access to all people regardless of ability or disability. As our website is the primary means of connecting our users to library content, the CWML is committed to keeping our web presence WCAG 2.0 Level AA compliant and demands the same high standards from our electronic resource vendors.

The CWML hosted a lunchtime talk led by Cindy Miller, M.D., Department of Radiology



Cindy Miller, M.D., lecturing on disability awareness  
*Photo: Terry Dagradi*

and Biomedical Imaging. “The Time is Now! The Many Faces of Disability” focused on the relationship between disability and diversity, the definition of disability, the diversity within disability, and disability as a process. The workshop was sponsored by the DiversAbility at Yale Affinity Group during National Disability Awareness Month and organized by Head of Access and Delivery Services Melanie Norton.

#### SUPPORTING DISTANCE LEARNERS

In January Yale welcomed its first cohort of Online Physician Assistant students, and the CWML enthusiastically offered its support for this new endeavor. The CWML offers support to learners across time zones six days a week, fourteen hours a day. To simplify access to information and educational resources, a research guide specifically for the students was created. It contains links to electronic versions of their textbooks, as well as tutorials, mobile applications, and the most recent articles from key PA journals.

To support distance learners in the Medical Center, including YSN’s hybrid D.N.P. program, the CWML enables access to physical library collections in the same seamless manner as for on-campus students. Students across the country can choose to have materials delivered to their home address. The Access and Delivery Services staff process the requests. Library Services Assistant Aletia Garvey prepares and mails the materials with a return shipping label.

For a week in March, Online Physician Assistant students came to YSM for hands-on instruction in anatomy. As part of this program, approximately thirty students came to the Medical Historical Library for a different kind of hands-on session in anatomy through the ages. Students paged through works such as William Hunter’s incredibly realistic *Anatomia uteri humani gravidi tabulis illustrata: the anatomy of the human gravid uterus exhibited in figures* (1774) and experienced bloodless anatomy through a life-size manikin with more than thirty intricate paper flaps.

#### POP-UP LIBRARY AT YSN

The CWML hosted a Pop-Up Library event at the YSN for the community to check out lighter reading options before the winter break. Books were handpicked from medical humanities titles that explored the social, historical, and cultural dimensions of nursing and medicine. The books are typically housed at the CWML and were transported to West Campus for the event.



Library Services Assistant Ana Quinones at the YSN  
Photo: Janene Batten



## Research Data Management Support

The exponential increase in biomedical, clinical, and research data in recent years presents researchers and clinicians with a range of challenges, and the CWML provides data management support in a number of ways.

In September the University announced its Research Data and Materials Policy, which clarifies the University's position on the retention, access, transfer, and ownership of research data. As members of the University-wide Research Data Consultation Group and Research Data Support Initiatives Group, CWML librarians helped increase awareness and adoption of the policy. Librarians partnered with colleagues from the Center for Science and Social Science Information and the Center for Research Computing to assist Medical Center researchers in complying with the new policy, applying research data best practices, and adopting FAIR Data Principles to make their data findable, accessible, interoperable, and reusable. The library also provided input to the University's response to the request for information for the National Institutes of Health Strategic Plan for Data Science.

The CWML is strengthening its ability to provide research data support by adding to the

expertise already provided by our Biomedical Sciences Research Support Librarian Rolando Garcia-Milian and our librarian to the YSPH, Kate Nyhan. Access Services/Clinical Librarian Alyssa Grimshaw participated in an eight-week data management class sponsored by the National Library of Medicine. The class provided Alyssa the skills to help patrons better manage their research data. A successful search for a Data Librarian for the Health Sciences was conducted, and the successful candidate, Sawyer Newman, joins our team in September 2018.

### DATA WEEKS

The CWML created and promoted events to celebrate Love Data Week and Endangered Data Week, national initiatives encouraging individuals to consider the impact of data on their daily lives. Love Data Week is devoted to data life-cycle management, including sharing, preservation, and reuse. Endangered Data Week aims to bring light to data sets that are in danger of being deleted, repressed, mishandled, or lost. Events included workshops, informational sessions, tours, speakers, and a capstone panel discussion on the impact of census data on public health.



Collection Development and Scholarly Communication Librarian Lindsay Barnett (R) promotes CWML data services during Love Data Week  
*Photo: Terry Dagradi*



### GRAND ROUNDS

Nine patients of Dr. Peter Parker, as portrayed by artist Lam Qua, were the subject of a special dermatology Grand Rounds at the CWML organized by Jean Bolognia, M.D., Irwin Braverman, M.D., and Susan Wheeler. The nineteenth-century portraits portray a variety of dermatological ailments. “The patients in Lam Qua’s portraits provided the residents a rich opportunity to hone their observational skills, which are crucial to making an accurate diagnosis,” Bolognia said.

### SCHOLARLY COMMUNICATION

The CWML has long offered services to help faculty, students, and researchers navigate the scholarly publishing life cycle. This year we hired a librarian to dedicate support to the area; Lindsay Barnett, Collection Development and Scholarly Communication Librarian, started in January to help address trends in the dissemination of scholarly resources. She has already advised faculty about advances in technology to support digital scholarship, how to differentiate between legitimate open access journals versus potentially predatory publications, the reuse of a copyrighted publication, and how to self-publish in a quality venue. Lindsay also maintains and explores new relationships with publishers to advocate for open access and to provide discounts on article processing charges.

### CLINICAL REDESIGN

Clinical librarians continue to support YNHHS’s quick-turnaround quality improvement projects. Clinical redesign and quality and safety teams work on interdisciplinary issues to fast-track improvements for patients. Clinical librarians contribute to this work by finding and selecting literature that can help the teams develop evidence-based procedures and protocols for each new initiative. To further enhance the service, clinical librarians partnered with clinical redesign staff at YNHHS to create a new workflow that helps optimize the timeliness of the CWML’s contribution to the projects.

### BIOINFORMATICS

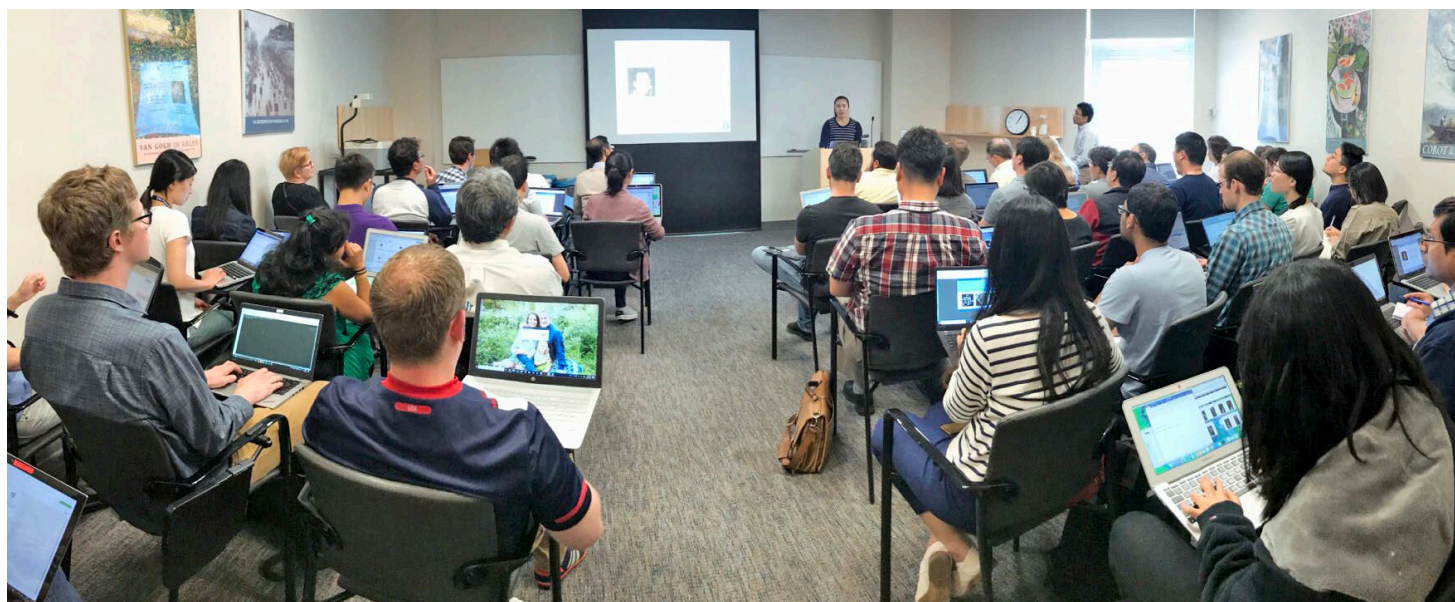
The well-established CWML Bioinformatics Support Program is among the most robust programs of its kind in the country, providing software, consultation, and training to the Yale community. Rolando Garcia-Milian provided hundreds of hours of individual consultation and collaborated on research projects and presentations. In addition, the program offered thirty-three training sessions on library-licensed bioinformatics software and free online tools for the analysis and visualization of data.

A previous assessment showed that Yale biomedical researchers require training on command line/scripting to analyze omics data. To meet this need, the Bioinformatics Support Program

Dermatology residents examine the Lam Qua paintings in the Historical Library in preparation for Grand Rounds

*Photo: Terry Dagradi*





organized a peer-teaching program. Two graduate students from the Combined Program in the Biological and Biomedical Sciences and a research scientist (bioinformatician) taught seven training sessions on R, Python, and RNA-seq analysis. Peer teachers have likely faced the same challenges as their students and can tailor the instruction material to the attendees' current needs.

### SYSTEMATIC REVIEW SERVICE

The CWML is integral to the production of many systematic reviews. To highlight just one, Benjamin Oldfield, M.D., originally from the Yale National Clinician Scholars Program and now the Director of Population Health at Fair Haven Community Health Care in New Haven, worked with Nicolas Muñoz, YSM '21, and CWML staff on an important opioid study. Melissa Funaro and Jan Glover conducted a comprehensive literature search and advised on the methodology for the article, "Integration of HIV- and opioid use disorder-related care: a systematic review of interventions in clinical and community-based settings." Melissa is a co-author of the article, which is forthcoming in the journal *AIDS*. This article was one of many supported by members of the CWML's innovative Cross-Departmental Team. This talented group provides ongoing crucial support to the systematic review service.

The team removes duplicate article citations from the EndNote library; obtains copies of key articles from other libraries; and uploads full-text articles into Covidence, a systematic review software licensed by the library for the Yale community to streamline the production of systematic reviews. They are frequently acknowledged for their technical assistance in published articles.

A full house for a peer-teaching class on the data analysis tool Python

*Photo: Rolando Garcia-Milan*



Library Services Assistants on the CWML Cross-Departmental Team. Back row (L to R), Mary Hughes, Pamela Gibson, Chris Zollo, Dorota Peglow; front row (L to R), Khadija El-Hazimy, Vermetha Polite. Missing: Vasean Daniels

*Photo: Terry Dagradi*

#### YALE MEDICINE: EMERGING LEADERS WORKSHOP

Sixteen doctors from the Yale Medicine: Advanced Emerging Leaders program spent a day exploring the riches of the Medical Historical Library. With Susan Wheeler, they examined selections from Harvey Cushing's Vesalian Collection; images from *Iconographie Photographique de la Salpêtrière*; a 1914 surgery in 3-D viewed through a stereoscope; and activist/artist Sue Coe's sketchbook of HIV-positive women in prison. Participants also joined Jessica Helfand, Lecturer in Design and Management at the Yale School of Management, and Cushing Center Coordinator Terry Dagradi to explore and discuss early twentieth-century photographs and pamphlets selected from the recently acquired Robert Bogdan Disability Collection.

#### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

The CWML is dedicated to helping researchers maintain compliance with the Animal Welfare Act, which requires a documented literature search to determine whether there are existing alternatives to certain animal experimentation procedures. Not only do CWML librarians perform literature searches for researchers, the library also maintains a research reference guide and provides classes on database searching to empower researchers to perform searches on their own. Melissa Funaro serves on the IACUC committee reviewing protocols and participating in animal facility inspections.

#### INSTRUCTIONAL VIDEOS

Assistant Director of Technology and Innovation Services Lei Wang provides consultation services



to the medical campus community on instructional video production primarily for the YSM, YSN, and YSPH. Lei also taught instructional design to the Medical Education Fellows and worked with them on their video projects as part of their fellowship. Lei played an important role in the Internal Medicine Residency Program's Yale2o project, an innovative, resident-designed online learning series for medical students. The goal of the project is to create high-quality instructional videos for medical students featuring core and advanced topics including hyponatremia and acute liver failure. Lei also expanded the video consultation service to areas outside of undergraduate medical education. He collaborated with Margarita Revzin, M.D., Assistant Professor of Radiology and Biomedical Imaging, to create companion videos for her published research articles. He also worked with Stephen Holt, Associate Program Director of the Primary Care Residency Program, to create orientation videos for new residents.

Participants in the Yale Medicine: Advanced Emerging Leaders program view Andreas Vesalius's early works and the complex title page of his masterpiece, *De humani corporis fabrica* (1543)  
Photo: Terry Dagradi

#### BIOETHICS

In June Melissa Grafe joined Judy Spak in a library and research instruction session for more than fifty students in the Sherwin B. Nuland Summer Institute in Bioethics, hosted by the Yale Interdisciplinary Center for Bioethics. Additional Summer Bioethics classes came to the CWML for discussion sessions with Susan Wheeler using historical resources to highlight bioethical issues pertaining to war, patient care, and social justice.

"Lei has always made what would otherwise be a daunting and stressful experience feel effortless and simple."

Margarita Revzin, M.D.



## Collections

The CWML has a rich collection of more than 404,000 print and electronic books, 23,000 electronic journals, 90 databases, and dozens of clinical reference tools, evidence-based practice resources, and unique software. Our collections provide diverse communities of users with information to support their curricular, research, clinical, and personal information needs.

The library reinstated access to VisualDx, a diagnostic clinical decision support database, as a direct response to feedback from faculty, residents, and students who advocated for its value and usefulness in their practice and study. The library's initial subscription to this tool was canceled in 2017 due to dramatically rising costs. A new three-year contract was negotiated that was more amenable to the library's budget. In four months, more than 7,500 unique diagnoses were viewed within the database.

To assist with the demand for exome sequencing, the CWML now provides access to Ingenuity Variant Analysis (IVA). IVA indexes all known disease-causing biological processes, allowing

researchers to identify and verify variants. This tool is important in supporting and promoting genetic research at YSM. In the first three months, researchers uploaded almost 3,000 samples for analysis.

The CWML added Aquifer Addiction, an interactive resource featuring patient cases and videos with a focus on addiction and substance use topics. In addition to Aquifer Addiction, case studies from Aquifer Pediatrics, Internal Medicine, and WISE-MD (surgery) support training in clerkships and clinical rotations.

The CWML was a founding supporter of the HINARI Programme by Research4Life. This program was established by the World Health Organization together with major publishers to enable low- and middle-income countries to gain access to one of the world's largest collections of biomedical and health literature. Library Services Assistant Jeannette Ponzio ensures the content is accurately linked to electronic resources that benefit health workers in 115 countries.



### ACQUISITION HIGHLIGHT:

#### THE ROBERT BOGDAN DISABILITY COLLECTION

The Medical Historical Library acquired the Robert Bogdan Disability Collection consisting of ephemera, photographs, and rare books related to disability. Organized by topic, the 3,500 items span the period from 1870, when photographic images became widely available, through 1970, when the disability rights movement became an important force for social change. As Bogdan explains, "The collection expands our understanding of the social history of disability as well as contains images that are aesthetically challenging and engaging."

An advertising cabinet card  
from around 1891

## Library as Place

### ENABLING RENOVATIONS

The CWML is currently undergoing exciting and significant renovations. Driven by the need for additional classroom space to support the YSM curriculum, the renovated space will provide a flexible team-based learning classroom, eight small-group classrooms, an expanded studio for video production of learning materials, and an enhanced information commons equipped with thirty computing workstations. The spaces are designed for multiple uses and will incorporate technologies that support teaching and accommodate individual study preferences.

While the outcome of this project will greatly benefit YSM and the broader community of CWML users, the construction process will be disruptive at times. In preparation, areas not under renovation were optimized for maximum seating. The Morse Reading Room is now outfitted with twenty-four temporary computer stations, the Cushing Center is equipped with vibration monitors for the protection of the specimens within, and earplugs are always available at the Circulation Desk.

### LONG NIGHT AGAINST PROCRASTINATION

Alyssa Grimshaw spearheaded two local “A Long Night Against Procrastination” events just before finals week each semester to encourage students to study. The CWML was packed during these intensive five-hour silent study marathons. Students surrendered their cell phones in order to focus on their work. The CWML provided food and, of course, coffee for students to enjoy during breaks. From take-home finals to studying for medical licensing exams, the students plowed through their tasks.

“A motivated environment. When everyone around me had the same goal to focus on study, I became more concentrated and efficient.”

“A Long Night Against Procrastination” participant



### COMPLETED RESTORATION OF BRAINS

More than one hundred years after Dr. Harvey Cushing and Dr. Louise Eisenhardt began preserving the tumors and brains of his patients for education and research, the Cushing Tumor Registry continues to inspire new questions and wonder for the thousands of annual Cushing Center visitors. While most of the 611 brain specimens were restored and transferred from the sub-basement of the Harkness dormitory to the Cushing Center in 2010, the restoration of the remaining 119 specimens was completed in June 2018. The process could not have happened without the support of Philip Lapre, Coordinator in Surgery (Gross Anatomy); the meticulous work of Amedeo Rapuano, Research Assistant in Neurosurgery; Antonio Lopes, Lead Autopsy Technician; and James D’Addio and his colleagues in Environmental Health and Safety.

Brains from the Cushing Tumor Registry before restoration  
*Photo: Terry Dagradi*





#### ASSOCIATES LECTURE

Regenerative medicine and cell therapy were the themes of the lecture presented by Laura Niklason, M.D., Ph.D., Nicholas Greene Professor of Anesthesiology and Professor of Biomedical Engineering, to friends of the library gathered for the seventieth annual meeting of the Medical Library Associates. The informative and engaging lecture emphasized the role bioengineering will play in the future of medicine.



#### YNHH TABLING

To promote library services, the CWML held two outreach events at YNHH. The CWML staffed a table outside the YNHH cafeteria with brochures and flyers to promote new services and old favorites. Clinical librarians demonstrated mobile medical applications and time-saving search tips. Access and Delivery staff created Interlibrary loan profiles for new users and promoted the resources available to all hospital staff.

Laura Niklason, M.D., Ph.D., presenting the Associates Lecture

CWML staff promoting library services at YNHH

*Photos: Terry Dagradi*

## Exhibits

#### MAY 25–NOVEMBER 3, 2017

*New Lives for Old Specimens*

#### OCTOBER 9–DECEMBER 20, 2017

*“War is not healthy for children...” and Other Recent Acquisitions*

#### JANUARY 29–MARCH 28, 2018

*Highlighting New Acquisitions in the Medical Historical Library*

#### APRIL 2–JULY 5, 2018

*The Early Modern Pharmacy: Drugs, Recipes, and Apothecaries, 1500–1800*

#### ONLINE EXHIBIT HIGHLIGHT

*100 Years of Women at Yale School of Medicine*

In conjunction with the 2018 celebration of women at YSM, the Medical Historical Library created this online exhibit. It tells a broad and nuanced story of women at YSM, including the circumstances of their admission in 1916, the careers of early graduates, and the accomplishments and status of women faculty from the 1920s to the 1960s. The exhibit concludes with the rise of women admitted to the medical school in the 1970s and the efforts since to advance the careers of women students and faculty.

## Library Supporters and Friends

### EXHIBIT HIGHLIGHT

*The Early Modern Pharmacy: Drugs, Recipes, and Apothecaries, 1500–1800*

The Medical Historical Library was thrilled to present this student-curated exhibit. Melissa Grafe and Susan Wheeler worked with Professor Paola Bertucci's Yale College seminar, *Collecting Nature and Art*, offering primary source sessions and one-on-one research consultations to curate an exhibit with some of the amazing items from Yale's libraries and archives. The assignment allowed students to think about how to tell stories about the past using historical artifacts, rare books, and prints.

“We look at the past to understand the present and think about future practices. We hope that historical awareness will help students to be better scientists if they will be scientists or to be more informed citizens if they choose other careers.”

Paola Bertucci, D.Phil.



Students examine the exhibit

Photo: Terry Dagradi

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### BECOME A FRIEND OF THE CUSHING/ WHITNEY MEDICAL LIBRARY

Through the generosity of our Associates, the CWML 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://library.medicine.yale.edu/associates> or contact Sharon McManus in the Office of Development. All gifts are tax-deductible.



## MAJOR GIFTS

The CWML received a generous financial donation from the Estate of Joan K. Jackson. Joan and her husband, the late Dr. Stanley Jackson, were faithful supporters of the library after coming to Yale in 1964. Over the years, the Jacksons donated books and personal papers to the library, adding to a rich historical collection that is an invaluable repository and resource for scholars interested in understanding the science and art of medicine from past generations. This recent gift, and the reliable support and generosity before it, help us steward and maintain our collections for generations to come. It is with such dedicated support that the CWML continues to thrive and remain a trusted, reliable, and essential research partner for our users.

### The CWML accepted gifts from the following generous donors:

Adam DelMarcelle, artist/activist: 18 posters and 1 print pertaining to the opioid crisis

Louis Fortunato, M.D.: numerous books

Myron Genel, M.D.: numerous books

Bert Hansen, Ph.D.: medically themed comic books, medical items, and prints

Dwight Miller, M.D.: pharmacy bottles and instruments

Dorothy Robinson: medical illustrations drawn by Mildred Coddington for several Cushing books; and articles from the collection of Franklin Robinson, M.D., and Gloria Robinson, Ph.D.

Jim Seletz: a Harvey Cushing bust created by Emil Seletz, M.D.

Kathi Moore Sherman: patent medicine almanacs from the collection of Professor Lloyd Moore

Elizabeth Staber: ophthalmology instruments from the collection of Edward N. DeWitt, M.D.

Robert Tafuri, M.D., Bradford Gray, M.D., and Andrew Dows, M.D.: nineteenth- and twentieth-century medical and psychology books



Edna M. Daw, "Alcoholics—Seek Help, Urges Noted Authority," *Seattle Post-Intelligencer*, January 22, 1961. From the Joan Jackson papers

Robert Turner: 53 books and journals on biomedical photography

Mickey Williams on behalf of Ronald Williams, M.D.: Cushing-related books, pictures, and other ephemera

Robert Wiznia, M.D.: numerous ophthalmology journals

The Estate of Margaret Grant Young: the papers of OB/GYN James Henry Etheridge, M.D., comprised of publications, letters, photographs, casebooks, ephemera, and other material

## STANLEY SIMBONIS

In June, Stanley Simbonis, M.D., YC '54, YSM '57, one of the library's most generous and faithful supporters, passed away. His admiration for Yale and his deep love for the CWML in particular were enduring and heartwarming.

## FELLOWSHIP HIGHLIGHTS

Over the summer, the CWML welcomed the first Stanley Simbonis intern, library school student Emma Brennan-Wydra, YC '15. Emma processed the archives of a recent gift of medical illustrations drawn by Mildred Coddling for Harvey Cushing, along with photographic reprints, notes, correspondence, and other materials that Cushing used in the preparation of his books and articles. Using these items, Emma created an exhibition for the Cushing Center entitled *Not a "Harem": Coddling, Eisenhardt, Stanton, and the Lives and Legacies of Dr. Harvey Cushing's Female Associates*, featuring Coddling and two other women, secretary Madeline Stanton and neuropathologist Louise Eisenhardt. Cushing, like many doctors of the time, employed a large team of female assistants



whose work was often uncredited, but these three women – Coddling, Stanton, and Eisenhardt – went on to have distinguished careers of their own.

The Medical Historical Library welcomed the fourteenth Ferenc Gyorgyey Research Travel Grant recipient. Tom Ewing, Ph.D., Associate Dean of the College of Liberal Arts and Human Sciences and Professor in the Department of History at Virginia Tech, used resources including annual health reports and newspapers to research the ways in which influenza and tuberculosis shaped the social history of disease in late-nineteenth-century America. Professor Ewing gave the first-ever lecture by a Ferenc Gyorgyey fellow, tying his research to themes in global health, big data, and digital humanities.

Inaugural Simbonis intern,  
Emma Brennan-Wydra  
Photo: Kelly Perry

## Staff Highlights

The staff are the heart of the library, and their many unnamed contributions and services make the CWML the vibrant place that it is.

### LONGTIME SERVICE AWARDS

10 years – Susan Wheeler  
15 years – Kelly Perry  
20 years – Ana Quinones  
30 years – Janis Glover

### AWARDS

Associate Director [Holly Grossetta Nardini](#) was named the 2018 Estelle Brodman Academic Medical Librarian of the Year by the Medical Library Association (MLA). This prestigious award “recognizes an academic medical librarian at mid-career level who demonstrates significant achievement, the potential for leadership, and continuing excellence.” Holly is keenly dedicated to our users and their needs and adds tremendous value to



the scholarship and work of the communities we serve. She has a proven track record of creativity and has developed and expanded novel services that benefit users and librarians here at Yale and beyond.

**Alexandria Brackett** was selected as an MLA 2018–2019 Rising Star. The MLA Rising Stars program gives four early-career librarians the opportunity to develop skills, knowledge, and personal characteristics necessary for leadership during this intensive yearlong program.

**Janene Batten** received the Nurses Choice Award from the YNHH nursing community. The award is presented to “an outstanding individual who is not a nurse, but one who supports and recognizes the importance of the practice of nursing at YNHH.” A vast number of nurses and administrators have been influenced and educated by Janene.

#### PUBLICATION HIGHLIGHT

*Transforming Medical Library Staff for the Twenty-First Century*, edited by **Melanie Norton** and Nathan Rupp, has been designated a must-read by the MLA. Patricia Brennan, Director of the National Library of Medicine, said, “the editors and their authors offer an exciting view of the central roles of medical libraries and medical library staff in the future of health and health-care delivery.” The book focuses on empowering and engaging library staff through change, as they are a library’s greatest asset.

#### CWML STAFF LEADING PROFESSIONAL ORGANIZATIONS

In 2018 **Melissa Grafe**, Ph.D., became the president of two national organizations, the Medical Heritage Library, Inc., and Archivists and Librarians in the History of the Health Sciences.

**Judy Spak** became chair of the Association of Academic Health Sciences Libraries’ Task Force on Competency-Based Medical Education. This national task force is charged with exploring the role of librarians in support of the American Association of Medical Colleges’ Core Entrustable Professional Activities.

#### NEW STAFF

The CWML is proud to have seven new staff members in five departments.

**Lindsay Barnett**, Collection Development and Scholarly Communication Librarian  
**Vasean Daniels**, Library Services Assistant  
**Justin DeMayo**, IT Support Specialist  
**Alyssa Grimshaw**, Access Services/Clinical Librarian  
**Caitlin Meyer**, Research and Education Librarian  
**Katherine Stemmer Frumento**, Assistant Director of Clinical Information Services  
**Chris Zollo**, Historical Library Services Assistant

Holly Grossetta Nardini (L)

Alexandria Brackett (R)

Photo: JoAnne Wilcox

Janene Batten receiving the Nurses Choice Award

Photo: Terry Dagradi





(L to R) Mark Gentry, Jan Glover, George Moore, Velma Williams  
Photos: JoAnne Wilcox

## RETIREMENTS

Four CWML staff members retired this year after a collective 129 years of service to YUL.

Senior Clinical Librarian **Mark Gentry** was instrumental in providing library services to Yale New Haven Hospital. Mark was passionate about people and international travel and was proud of teaching library classes in Uganda and working with visiting international fellows. He brought library resources to handheld devices in the hospital and helped blend technology and library services.

Senior Research and Education Librarian **Jan Glover** was a mentor and muse to many and served as the CWML's expert searcher, collaborating on many systematic reviews with faculty and training all of her colleagues. She established the CWML's education program and co-founded the Personal Librarian Program. She was nationally known for her evidence-based medicine classes and searching skills.

Library Services Assistant **George Moore** split his time between Access and Delivery Services and the Historical Library, providing great customer service for patrons. He was deeply interested in all things historical and enjoyed research challenges related to Yale's history.

Library Services Assistant **Velma Williams** took personal pride in her customer service and grew the tallest cacti that the library has ever seen.

Each of these people made their mark on the CWML in various ways and will be missed.

## PUBLICATIONS

Bauce K, Fahs DB, **Batten J**, and Whittemore R. "Videoconferencing for management of heart failure: an integrative review." *Journal of Gerontological Nursing*. 2018. 44: 45–52.

Cheraghlo S, Otremba M, Kuo Yu P, Agogo GO, **Hersey D**, and Judson BL. "Prognostic value of lymph node yield and density in head and neck malignancies." *Otolaryngology—Head and Neck Surgery*. 2018. 158(6): 1016–1023.

**Grafe M**. "Yale acquires important history of disability collection." *The Watermark*. 2018. 41(2): 30–31.

Green ML, Moeller JJ, and **Spak JM**. "Test-enhanced learning in health professions education: a systematic review: BEME Guide No. 48." *Medical Teacher*. 2018. 40(4): 337–350.

Guo X, Qiu W, **Garcia-Milian R**, Lin X, Zhang Y, Cao Y, Tan Y, Wang Z, Shi J, Wang J, Liu D, Song L, Xu Y, Wang X, Liu N, Sun T, Zheng J, Luo J, Zhang H, Xu J, Kang L, Ma C, Wang K, and Luo X. "Genome-wide significant, replicated and functional risk variants for Alzheimer's disease." *Journal of Neural Transmission*. 2017. 124(11): 1455–1471.

Horien C, Athar W, **Grossetta Nardini HK**, and Grunschel B. "Substance use in medical trainees: current problems and future directions." *Academic Psychiatry*. 2018. 42(3): 438–439.

Inayat-Hussain SH, Fukumura M, Muiz Aziz A, Jin CM, Jin LW, **Garcia-Milian R**, Vasiliou V, and Deziel NC. "Prioritization of reproductive toxicants in unconventional oil and gas operations using a multi-country regulatory data-driven hazard assessment." *Environment international*. 2018. 117: 348–358.

Lundsberg LS, Lee HC, Dueñas GV, Gregory KD, **Grossetta Nardini HK**, Pettker CM, Illuzzi JL, and Xu X. "Quality assurance practices in obstetric care: a survey of hospitals in California." *Obstetrics and Gynecology*. 2018. 131(2): 214–223.

Malhotra A, Wu X, Geng B, **Hersey D**, Gandhi D, and Sanelli P. "Management of small unruptured intracranial aneurysms: a survey of neuroradiologists." *American Journal of Neuroradiology*. 2018. 39(5): 875–880.

McDougall JA, Ferucci ED, **Glover J**, and Fraenkel L. "Telerheumatology: a systematic review." *Arthritis Care & Research*. 2017. 69(10): 1546–1557.

**Norton MJ** and Rupp N, eds. *Transforming Medical Library Staff for the Twenty-First Century*. Lanham, Md: Rowman & Littlefield, 2017.

Patel KK, Mejia Munne JC, Gunness VRN, **Hersey D**, Alshafai N, Sciubba D, Nasser R, Gimbel D, Cheng J, and Nouri A. "Subacute combined degeneration of the spinal cord following nitrous oxide anesthesia: a systematic review of cases." *Clinical Neurology and Neurosurgery*. 2018. 173: 163–168.



Shen L, Liu F, **Grossetta Nardini H**, Del Priore LV. “Natural history of geographic atrophy in untreated eyes with nonexudative age-related macular degeneration – a systematic review and meta-analysis.” *Ophthalmology Retina*. 2018. 2(9): 914–921.

Tuakli-Wosornu YA, Mashkovskiy E, Ottesen T, **Gentry M**, Jensen D, and Webborn N. “Acute and chronic musculoskeletal injury in para sport: a critical review.” *Physical Medicine and Rehabilitation Clinics of North America*. 2018. 29(2): 205–243.

Wong AH, Tiyyagura GK, Dodington JM, Hawkins B, **Hersey D**, and Auerbach MA. “Facilitating tough conversations: using an innovative simulation-primed qualitative inquiry in pediatric research.” *Academic Pediatrics*. 2017. 17(8): 807–813.

Zinchuk AV, **Gentry MJ**, Concato J, Yaggi HK. “Phenotypes in obstructive sleep apnea: a definition, examples and evolution of approaches.” *Sleep Medicine Reviews*. 2017. 35: 113–123.

## PRESENTATIONS

**Barnett L**. “eBooks and beyond: insights across disciplines.” Standing Committee on Professional Awareness Panel. 2018. New Haven, Conn.

**Barnett L**, **Brackett A**, **Grimshaw A**, and **Nyhan K**. “The future comes one week at a time: data outreach at the Cushing/Whitney Medical Library.” Poster presentation. University of Massachusetts and New England Area Librarian e-Science Symposium. 2018. Worcester, Mass.

**Batten J**. “Integrating into the Doctor of Nursing Practice program: a case study in librarian immersion.” Poster presentation. Medical Library Association Annual Meeting. 2018. Atlanta, Ga.

Bologna J, Braverman I, and **Wheeler S**. “Lam Qua’s paintings of Peter Parker’s patients – a dermatologic perspective.” Grand Rounds, Dermatology. 2018. New Haven, Conn.

**Brackett A**. “Read by QxMD.” Yale Technology Fair. 2017. New Haven, Conn.

Brennan E, **Spak J**, Adams N, Collins H, Kovar-Gough I, Lorbeer E, Nicholson J, Ogawa R, Thormodson K, and von Isenburg M. “Mapping the competencies: ACRL to Core EPAs and ACGME.” Poster presentation. Medical Library Association Annual Meeting. 2018. Atlanta, Ga.

**Funaro M**. “Brave new world: how the CWML supports your research and saves you time.” Grand Rounds, Child Study Center. 2018. New Haven, Conn.

**Funaro M**, **Nyhan K**, **Brackett A**, **Hickner A**, and **Garcia-Milian R**. “Developing a program for Institutional Animal Care and Use Committee compliance: benefits for researchers and libraries.” Medical Library Association Annual Meeting. 2018. Atlanta, Ga.

**Garcia-Milian R**, **Meyer C**, and **Brackett A**. “Providing bioinformatics support for Yale biomedical researchers throughout the entire research lifecycle.” Poster presentation. Yale Postdoc Symposium. 2018. New Haven, Conn.

**Grafe M**. “Give back the head!: learning medicine and the business of medicine in early America.” Windsor County Historical Society. 2017. Windsor, Vt.

**Grafe M**. “Collecting the weird in Connecticut: a panel discussion.” Connecticut Historical Society. 2018. Hartford, Conn.

**Grafe M**. “Viral images – tracing medical imagery through the Medical Heritage Library.” Viral Networks: An Advanced Workshop in Medical History and Digital Humanities. 2018. Bethesda, Md.

**Grossetta Nardini H**, Duprilot F, **Nyhan K**, **Garcia-Milian R**, **Wang L**, **Spak J**, **Funaro M**, **Batten J**, and **Glover J**. “Librarians as methodological peer reviewers for journal systematic review submissions.” Poster presentation. Medical Library Association Annual Meeting. 2018. Atlanta, Ga.

Klemen ND, Feingold PL, **Brackett A**, and Pei KY. “Are venous thromboembolic events the number one cause of in-hospital mortality?” Poster presentation. Yale Surgery Research Day. 2018. New Haven, Conn.

Klemen ND, Feingold PL, **Brackett A**, and Pei KY. “Does prevention of venous thromboembolism impact mortality? A meta-analysis of randomized controlled trials.” Poster presentation. New England Surgical Society Annual Meeting. 2018. Portland, Maine.

Kovar-Gough I, **Spak J**, Adams N, Brennan E, Collins H, Lorbeer E, Nicholson J, Ogawa R, Thormodson K, and von Isenburg M. “Identifying the role of the medical librarian in clinical competency entrustment.” Medical Library Association Annual Meeting. 2018. Atlanta, Ga.

**Meyer C**. “How to use reveal.js.” Yale Library IT Tech Talk. 2017. New Haven, Conn.

**Meyer C**. “Transforming our teaching: adapting our instruction program to better meet user needs.” Medical Library Association Annual Meeting. 2018. Atlanta, Ga.

**Meyer C**. “Using Qualtrics to create self-assessment-driven research workshops.” Reference Instruction and Outreach Instruction Lightning Talks. 2018. New Haven, Conn.

**Meyer C**. “Using reveal.js to create Choose Your Own Adventure library tutorials.” Standing Committee on Professional Awareness Forum. 2017. New Haven, Conn.

**Meyer C** and **Brackett A**. “Investigating research and clinical education services in regional health science libraries: a SCOPA grant.” Standing Committee on Professional Awareness Grants Program Forum. 2018. New Haven, Conn.

**Norton M**, **Batten J**, and **Grimshaw A**. “Inaugural celebration of Yale School of Nursing authors.” Poster presentation. North Atlantic Health Sciences Libraries Annual Meeting. 2017. Waltham, Mass.; Medical Library Association Annual Meeting. 2018. Atlanta, Ga.

Shen L, **Grossetta Nardini HK**, and Del Priore L. “Impact of fundus autofluorescence pattern on geographic atrophy progression in untreated eyes: a meta-analysis.” Poster presentation. The Association for Research in Vision and Ophthalmology Annual Meeting. 2018. Honolulu, Hawaii.

Shen L, Liu F, **Grossetta Nardini HK**, and Del Priore L. “Natural history of geographic atrophy in untreated eyes with nonexudative AMD: a meta-analysis.” Poster presentation. Retina Society Scientific Meeting. 2017. Boston, Mass.

**Spak J**, Adams N, Brennan E, Collins H, Kovar-Gough I, Lorbeer E, Nicholson J, Ogawa R, Thormodson K, and von Isenburg M. “Competency-based medical education and the role of medical librarians: trends, challenges, and opportunities.” Poster presentation. Association of Academic Medical Colleges Annual Meeting. 2017. Boston, Mass.; Medical Education Day at Yale. 2018. New Haven, Conn.

Thormodson K, **Spak J**, Adams N, Brennan E, Collins H, Kovar-Gough I, Lorbeer E, Nicholson J, Ogawa R, and von Isenburg M. “Core entrustable professional activities (EPAs) and librarian involvement in competency-based medical education.” Canadian Health Libraries Association/Association des bibliothèques de la santé du Canada Conference. 2018. St. John’s Newfoundland, Canada.

**Wheeler S**. “World War I posters for the homefront: promoting public morale through public service.” Hartford Medical Society. 2018. Hartford, Conn.

**Wheeler S**. “Experiencing the Historical Medical Collections.” Yale Medicine: Advanced Emerging Leaders. 2018. New Haven, Conn.

## IN THE CURRICULUM

**Batten J**. Faculty. “Evidence-based practice.” N958: Evidence. Fall 2017. Yale School of Nursing.

**Batten J**. Guest lecturer. “Learning to use the resources in the library.” N516: Clinical practice in medical-surgical nursing, Graduate Entry Prespecialty in Nursing Program. October 2017. Yale School of Nursing.

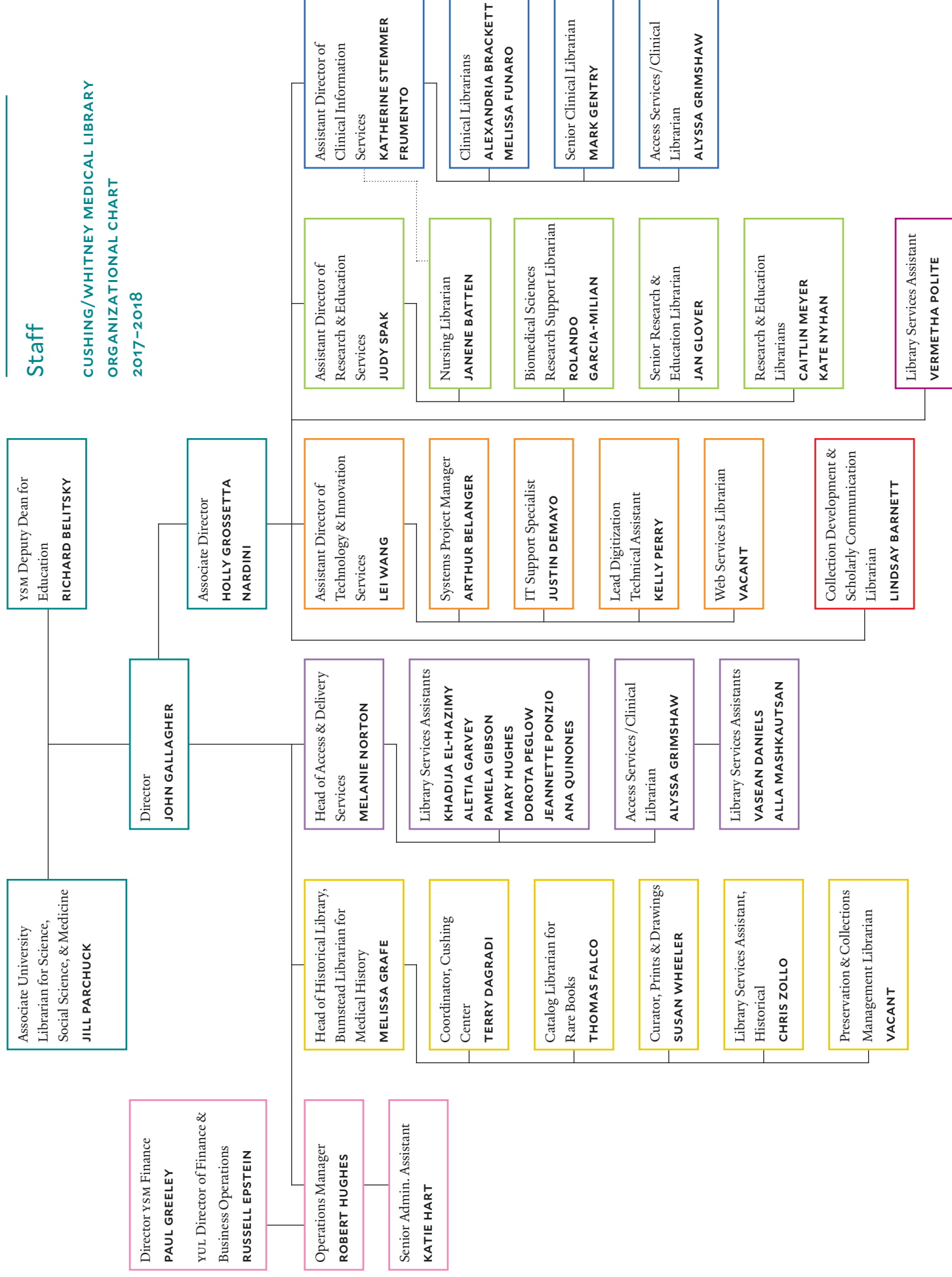
**Batten J**. Guest lecturer. “Finding information about nursing issues.” N501: Issues in nursing, Graduate Entry Prespecialty in Nursing Program. March 2018. Yale School of Nursing.

- Batten J.** Guest lecturer. “Using the PICO question to find evidence.” N604: Evidence and statistics. January 2018. Yale School of Nursing.
- Batten J.** Guest lecturer. “Finding information in support of clinical projects.” Nurse Residency Program. August 2017–April 2018. Yale New Haven Hospital.
- Brackett A.** Guest lecturer. “Finding the information you want online: update on available tools.” Anesthesiology Residency Program. November 2017. Yale New Haven Hospital.
- Brackett A.** Guest lecturer. “Library resources for physical therapy, occupational therapy, and speech pathology.” Rehabilitation Department In-Service. May 2018. Yale New Haven Hospital.
- Brackett A** and **Spak J.** Guest lecturers. “Library clinical resources for residency.” Integrated Clinical Medicine. March 2018. Yale New Haven Hospital.
- Garcia-Milian R.** Guest lecturer. “Systems technologies, big data, and biomarkers.” EHS 562b: Applications in systems biology in public health. April 2018. Yale School of Public Health.
- Glover J** and **Meyer C.** Guest lecturers. “Research II: literature search to support patient care.” April 2018. Yale Physician Associate Program.
- Glover J, Spak J,** and **Meyer C.** Guest lecturers. “Research I: finding the evidence.” August 2017. Yale Physician Associate Program.
- Grafe M.** Guest lecturer with special collections. “Primary sources.” ART 003: Blue. October 2017. Yale College.
- Grafe M.** Guest lecturer with special collections. “Primary sources.” CLCV 034: Medicine and disease in the ancient world. February 2018. Yale College.
- Grafe M.** Guest lecturer with special collections. “Primary sources.” HSHM 004: Technology and American medicine. September 2017. Yale College.
- Grafe M.** Guest lecturer with special collections. “Primary sources.” HSHM 005: Medicine and society in American history. March 2018. Yale College.
- Grafe M.** Guest lecturer with special collections. “Primary sources.” HSHM 215: Public health in America, 1793 to the present. March 2018. Yale College.
- Grafe M.** Guest lecturer with special collections. “Primary sources.” HSHM 234: Medicine and health in society. February 2018. Yale College.
- Grafe M.** Guest lecturer with special collections. “Primary sources.” HSHM 416: Engineering the modern body. September 2017. Yale College.
- Grafe M.** Guest lecturer with special collections. “Primary sources.” HSHM 423: Biomedical futures since 1945. October 2017. Yale College.
- Grafe M.** Guest lecturer with special collections. “Primary sources.” HSHM 438: The neurological condition. February 2018. Yale College.
- Grafe M.** Guest lecturer with special collections. “Primary sources.” HSHM 483: Health, disease, and racial difference in modern America. February 2018. Yale College.
- Grafe M.** Guest lecturer with special collections. “Primary sources.” HSHM 656: Photography and the sciences. October 2017. Yale Graduate School of Arts and Sciences.
- Grafe M.** Guest lecturer with special collections. “Primary sources.” HSHM 701: Problems in the history of medicine and health. October 2017. Yale Graduate School of Arts and Sciences.
- Grafe M.** Guest lecturer with special collections. “Primary sources.” MGT 654: The invention of desire. March 2018. Yale School of Management.
- Grafe M** and **Krentz J.** Guest lecturers with special collections. “Primary sources.” HSHM 003: Revolutions and environment in Latin America. March 2018. Yale College.
- Grafe M** and **Krentz J.** Guest lecturers with special collections. “Primary sources.” HSHM 485: Health and medicine in the global south. March 2018. Yale College.
- Grafe M** and **Landis B.** Guest lecturers with special collections. “Primary sources.” HSHM 406: Healthcare and the urban poor. September 2017. Yale College.
- Grafe M** and **Wheeler S.** Guest lecturers with special collections. “Primary sources.” HSHM 202: Media and medicine in modern America. October 2017. Yale College.
- Hafler J** and **Spak J.** Guest lecturers. “Searching the literature and evaluating your search results.” Medical Education Fellows. October 2017. Medical Education Research Certificate Program of the Association of American Medical Colleges.
- Meyer C, Glover J,** and **Spak J.** Guest lecturers. “PA thesis workshops.” December 2017. Yale Physician Associate Program.
- Meyer C** and **Spak J.** Guest lecturers. “Research III: advanced searching techniques.” June 2018. Yale Physician Associate Program.
- Spak J, Hickner A,** and **Meyer C.** Guest lecturers. “Searching major databases.” Scientific Inquiry Preclerkship. February 2018. Yale School of Medicine.
- Spak J** and **Meyer C.** Guest lecturers. “Evidence-based searching.” Medical Approach to the Patient Clerkship, Biopsychosocial Approach to Health Clerkship, Women’s and Children’s Health Clerkship. January 2018. Yale School of Medicine.
- Spak J** and **Meyer C.** Guest lecturers. “Find it: searching major databases.” Scientific Inquiry. February 2018. Yale School of Medicine.
- Spak J** and **Meyer C.** Guest lecturers. “Find it fast!” Medical Approach to the Patient Clerkship, Surgical Approach to the Patient Clerkship. September, November 2017. Yale School of Medicine.
- Spak J** and **Meyer C.** Guest lecturers. “Point of care resources.” Biopsychosocial Approach to Health Clerkship, Medical Approach to the Patient Clerkship, Pediatrics Clerkship, Surgical Approach to the Patient Clerkship. March–April 2018. Yale School of Medicine.
- Wheeler S.** Collection expert. “Primary sources: selections from the Medical Historical collections.” HIST 438J: Early science and medicine. January 2018. Yale College.
- Wheeler S.** Collection expert. “Selections from the Medical Historical collections.” HSAR 752: Art in the American Civil War. November 2017. Yale Graduate School of Arts and Sciences.
- Wheeler S.** Guest lecturer. “The Lam Qua paintings.” ART 008: Dark aesthetics. February 2018. Yale College.
- Wheeler S.** Guest lecturer. “Selections of early illustrated books from the Medical Historical collections.” ART 009: The visual book. January 2018. Yale College.
- Wheeler S.** Guest lecturer. “Selections from Harvey Cushing’s Vesalian collection.” ART 006: Art of the printed word. September 2017. Yale College.
- Wheeler S.** Guest lecturer with special collections. “Patients: Selections from the Sue Coe HIV/AIDS collection of drawings and prints.” Sherwin B. Nuland Summer Institute in Bioethics. June 2018. Yale Interdisciplinary Center for Bioethics.
- Wheeler S.** Guest lecturer with special collections. “Protest: Selections from Historical Medical Poster Collection: Robbie Conal and Rachael Romero, guerrilla artists.” Sherwin B. Nuland Summer Institute in Bioethics. June 2018. Yale Interdisciplinary Center for Bioethics.
- Wheeler S.** Guest lecturer with special collections. “Protest.” Sherwin B. Nuland Summer Institute in Bioethics. July 2017. Yale Interdisciplinary Center for Bioethics.
- Wheeler S** and **Grafe M.** Collection experts. “Bioethics and media: medical articles in *Life* magazine 1960–70, selections from the Bert Hansen gift.” Sherwin B. Nuland Summer Institute in Bioethics. July 2017. Yale Interdisciplinary Center for Bioethics.



# Staff

## CUSHING/WHITNEY MEDICAL LIBRARY ORGANIZATIONAL CHART 2017-2018



# Yale *Harvey Cushing / John Hay Whitney Medical Library*

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Library Services Assistant Khadija El-Hazimy engages with a young visitor to the Cushing Center during one of our five weekly guided tours.

*Photo: Holly Grossetta Nardini*

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