

Harvey Cushing / John Hay Whitney
Medical Library, Yale University

Annual Report, 2019–2020



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Publication Note

The Harvey Cushing/John Hay Whitney Medical Library Annual Report is a collaborative effort.

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Cover: Rotunda from above
Photo: Terry Dagradi

From the Director

This year will certainly be one to remember!

In July 2019 we opened the doors to our renovated spaces, and within a few weeks medical students began attending lectures in the new classrooms. Spacious computing workstations in the Information Commons attracted a variety of users, from researchers preparing grants, to nurses completing trainings, to students doing literature searches. The new classrooms and conference rooms also offered much needed space for teleconferencing, meetings, and group projects. The Morse Reading Room and Historical Library were quiet havens in which to study, write, and reflect. Overall the library was a hive of activity.

Then in March 2020, COVID-19 struck. When the Yale campus closed, we moved quickly to adapt our services for an online environment, ensuring users had the full support of the library as they transitioned to remote classes and research. Library staff worked diligently to move course reserves online. Essential research materials were quickly obtained through interlibrary loan and other access options. Demand for research support increased as many researchers shifted their focus to grant writing and publishing. Librarians answered the call with virtual office hours, online consultations, and remote instruction. Many of our users preferred the expediency of virtual instruction and have requested we continue these services online once normalcy resumes. This experience has taught us much about



Medical Library staff show their support for health care workers in a message posted to the YNHH kudoboard

our users, our processes, and the adaptability of our staff.

On behalf of the entire library, I want to express our most heartfelt appreciation to all the clinicians, researchers, and students who have worked so tirelessly during this historic and challenging time. We are so very grateful for your commitment and expertise, and we are eager to continue assisting you in your academic and professional pursuits.

Sincerely,
John Gallagher



Incoming medical students view rare materials in the Historical Library
Photo: Kelly Perry

The Medical Library and COVID-19

When the doors closed indefinitely in March, we quickly transitioned many of our in-person services online. The impact of COVID-19 posed many challenges but also reaffirmed how essential our services, resources, and staff are to the medical community. Creativity, innovation, and agility became more important than ever to maintain the level of assistance we are dedicated to offering.

CONTINUATION OF SERVICES AND SUPPORTING EDUCATION

In the first seventy-five days of working remotely, librarians held 565 virtual consultations in support of clinical practice, education, research, and writing. Librarians also developed virtual versions of popular in-person instruction sessions on topics such as citation management, database searching, and programming languages. Subject-specific office hours were created for bioinformatics, public health, and research data to serve researchers and students in need of quick answers. Students in the Schools of Medicine, Nursing, and Public Health received special outreach and support from their personal librarians. The clinical librarians oriented trainees and nurse residents remotely, routinely attended case report conferences and grand round lectures virtually, and participated in the Nursing Professional Governance Coordinating Council and the Graduate Medical Education Committee. In many ways, librarians were more visible on the screen, adding information and citations into online chats to assist with patient care, morbidity and mortality reports, and journal clubs.

Head of the Medical Historical Library Melissa Grafe quickly created a research guide detailing a plethora of online resources for the history of medicine. The guide highlights resources from Yale's collections and beyond and is embedded on the Historical Library's homepage.

Working from home, the Access and Delivery Services team continued to provide the essential interlibrary loan services on which many researchers depend. Fulfilling patron requests was challenging, as the majority of U.S. libraries were closed. The few libraries that continued to scan articles and chapters from print materials quickly became the go-to sources for fulfillment. In total, the team secured over 900 articles from March 17 to June 30 and

Social distancing is in effect.

Per CDC guidelines for preventing the spread of illness, please:

- Stay at least 6-feet away from others
- Wash your hands frequently or use hand sanitizer
- Cover your mouth/nose when sneezing or coughing
- One person at a time when using the elevator

Yale UNIVERSITY LIBRARY

COVID-19 Clinician & Consumer Health Guide



Medical Library staff during a Zoom meeting

shared 723 articles from our electronic collections with other libraries.

Digital access to board preparatory resources was essential as students prepared to take their board exams. To address this, the Medical Library acquired *First Aid for the USMLE*, a major resource previously offered in print, as an e-book collection. Additionally, many publishers and content providers responded to the pandemic by offering students free access to certain board prep resources for a limited time. We took full advantage of these offers and facilitated temporary access to AMBOSS, UWorld (PANCE only), Firecracker, Case X, and the Board Review Series from the LWW Health Library. Access to AMBOSS was extended indefinitely after reaching a financially sustainable agreement.

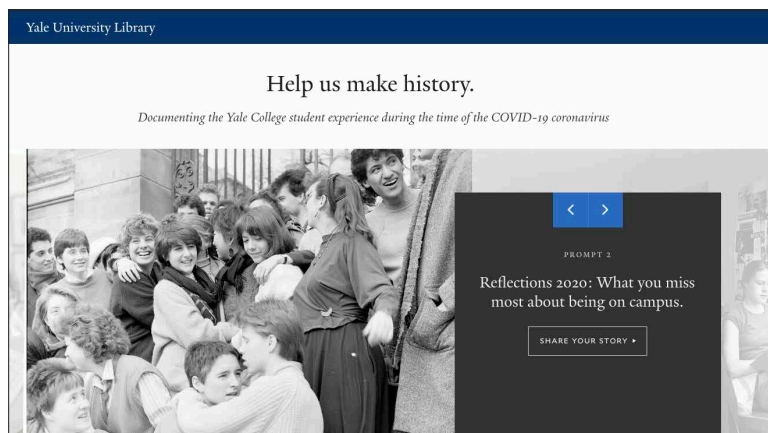
COLLABORATIONS

Within days of the campus closure, Yale School of Public Health Dean Sten Vermund and Professor Albert Ko requested that the Medical Library create a repository of COVID-19 citations. The resulting public Zotero citation library combined metadata from multiple sources in a single, convenient platform. The citation library was updated daily by the Medical Library's Cross-Departmental Team. Users from Yale and around the world could simultaneously view articles, preprints, clinical trial registrations, and grey literature, and filter by specific topics. Eventually, the citation library expanded into a webpage that included tools for navigating clinical guidelines, consumer health, citations, and data.

The Medical Library also partnered with various programs to create electives for students whose clinical clerkships were interrupted by the pandemic. Within the first month of remote work, Research and Education Librarians Caitlin Meyer and Courtney Brombosz and Assistant Director of Research and Education Services Judy Spak proposed, designed, and taught a two-week

"I have always wanted to take advantage of the great informative classes our library has to offer but haven't been able to because of clinical commitments... These online options are great to catch some of them as time permits."

— Medical Library user



"Help Us Make History" website for capturing Yale stories during COVID-19

for-credit elective for medical students, covering research skills related to navigating the pandemic information landscape. Caitlin also supported an elective in the Physician Associate program by creating a pandemic information guide and maintaining a discussion board for students.

Joanna Radin, Ph.D, Associate Professor in the History of Medicine, reached out to Melissa Grafe for assistance with a new medical elective, "COVID-19 Pandemic: 'History of the Present.'" The six-week course attracted over sixty students. Melissa provided a library research guide and a video on archives and oral histories for students. Melissa and Archivist Katherine Isham collaborated with University Archivist Michael Lotstein to archive the projects created during the elective on the Yale site "Help Us Make History."

LOOKING AHEAD

The Medical Library reduced collection expenditures by approximately \$400,000 due to the financial crisis resulting from the pandemic. To be open and transparent with library users, we emailed the medical community and created a webpage with detailed information on the titles slated for cancellation. Patrons were encouraged to share feedback, and cancellations were reevaluated whenever possible.

Library Initiatives

SIMPLIFYING OFF-CAMPUS ACCESS TO E-RESOURCES WITH EZPROXY

To facilitate off-campus access for Yale New Haven Hospital, the Medical Library worked with Yale University Library to implement EZproxy, an easy-to-use, web-based remote access service. YNHH users can now access licensed content remotely through a simple browser authentication. EZproxy was launched in the summer of 2020 and was well received by users in the University and hospital.

NEW LIBRARY TEACHING CLASSROOM

What was once shared office space is now a new library instruction classroom. Intentionally designed to facilitate a broad range of instructional experiences, the room offers modular furniture, two moveable screens, and laptops for participants. Brightly lit and modern, the space is a welcoming environment for up to eighteen students, nearly doubling our previous capacity for library instruction.

DAY OF DATA EVENT

In February, the Medical Library hosted a Yale Day of Data panel discussion on data and privacy. The 125-person team-based learning classroom was filled with researchers, students, and community members interested in the intersection of data and privacy and how it impacts research initiatives. Professors Jennifer Miller, Ted Holford, Gregg Gonsalves, Joshua Wallach, and Donna Spiegelman addressed challenges and opportunities of data for health care delivery, policy, and research, and attendees participated in a lively discussion about the perspectives of research subjects and data users.

VIDEO PRODUCTION STUDIO

The Video Production Studio received a major upgrade as part of the Medical Library's renovation and had a noticeable increase in usage after reopening. From July 1, 2019, to March 15, 2020, the larger and more spacious studio saw over 300 hours of use. With instructional design support from Assistant Director of Technology and Innovation Services Lei Wang and Technical Assistant Kelly Perry, users produced countless videos and tutorials for the Yale School



of Medicine curriculum. The new studio is an example of the Medical Library's sustained contribution to educational excellence.

EXPLORING BIBLIOMETRIC ANALYSIS

As experts in scholarship and research data support, librarians are often asked to help gather and analyze metrics related to scholarly output and the publication landscape. Data Librarian for the Health Sciences Sawyer Newman continues to support computational strategies for gathering available publication metrics and creating visualizations of scholarly output for academic and clinical departments. At the request of Janie Merkel, Director of the Research Cores at the School of Medicine, Sawyer worked with Lei Wang to develop a methodology to evaluate the publication impact of the Yale Center for Molecular Discovery by gathering articles published with the support of the Research Core's specialty equipment and services. Lei also co-authored an article that studies

Joshua Wallach gives a talk at the Day of Data lecture
Photo: Terry Dagradi

Alexandria Brackett, Janene Batten, Mary Hughes, Kathy Stemmer Frumento, and Lindsay Barnett promote the Medical Library at YNHH on York Street
Photo: Dana Haugh



Nur-Taz Rahman consults with a researcher during Bioinformatics office hours
Photo: Dana Haugh

the patterns of scientific collaborations in papers published in the *American Journal of Neuroradiology*. With the new Web of Science XML dataset, we plan to expand our offerings in bibliometric analysis to support scholarship.

BIOINFORMATICS SUPPORT

The use of next-generation sequencing technologies (such as RNA-sequencing, ChIP-sequencing, whole exome sequencing) has accelerated understanding of diseases and functions at the basic research level. As bioinformatics becomes more important for the analysis of big data generated by high-throughput methodologies (e.g., genomics, proteomics, metabolomics), there has been an increase in the demand for bioinformatics support and services. To meet this need, this year we welcomed Dr. Nur-Taz Rahman as our inaugural Simbonis Fellow. Dr. Rahman brings her expertise on next-generation sequencing data analysis to our expanding bioinformatics program.

To accommodate the increasing number of requests for consultations and collaborations, the Medical Library created the Bioinformatics



Partek Flow and Illumina present on single-cell RNA sequencing in the Medical Library's large classroom
Photo: Rolando Garcia-Milian

Support Hub, a dedicated space for bioinformatics support. The room is equipped with a wide-screen display and large whiteboard and can accommodate up to six individuals.

Single-Cell RNA-Sequencing Training

The Medical Library worked with the Yale Center for Genomic Analysis and software providers Partek Flow and Illumina to train biomedical researchers on single-cell RNA sequencing. This four-hour, hands-on training session led by the Medical Library's bioinformatics team was one of our most popular events this year, with registration significantly exceeding the 125-person room capacity.

HISTORICAL LIBRARY HOSTS RECORD NUMBER OF CLASS SESSIONS

The Historical Library held its largest number of in-person classes ever, reaching over 1,400 students from July 2019 to March 2020. Sessions included Miriam Rich's "Health and Incarceration in U.S. History" and "History of Reproductive Health and Medicine"; Carolyn Roberts's "Sickness and Health in African American History"; and John Warner's



Students examine materials from the special collections
Photos: Terry Dagradi (L) and Melissa Grafe (R)

“Cultures of Western Medicine.” The Historical Library also hosted an interactive anatomy session featuring rare historical materials for students in the first-year anatomy program, undergraduates, and Medical Library staff.

ENHANCED DISCOVERABILITY

Archivist Katherine Isham implemented changes to improve discoverability of collections and simplify the process of locating and requesting archival materials for onsite and remote use. She began converting old collection guides to digital records that can be searched through Archives at Yale and indexed in search engines and other databases. This is especially useful for locating items such as historic pamphlets from the nineteenth and early twentieth centuries. She also implemented a policy of publishing basic records for unprocessed archival collections in the library catalog, expanding access to previously hidden materials.

ARCADIA GRANT—INCUNABLES

The Historical Library holds one of the largest medical and scientific incunable collections in the United States. These rare incunables represent the earliest history of printing in Europe and the first examples of medical knowledge circulated in printed form. With a \$25,000 grant from the Arcadia Fund, the Medical Library embarked on the digitization of forty-three incunables previously unavailable online that were donated by Dr. Arnold Klebs (1870–1943), a Swiss tuberculosis expert and one of the Medical Library’s founders. These items are now freely accessible on Findit, Yale’s digital library, and the Internet Archive as part of the Medical Heritage Library. The records are also listed in the Incunabula Short Title Catalog, the eminent resource for researchers searching for incunables.

DIGITAL COLLECTIONS MOVE TO A NEW HOME

In the past year, the Historical Library team began transitioning digital collections to Findit. Findit allows users to simultaneously search digital collections from multiple Yale libraries, making it easier for patrons to find materials. The team also worked with Yale Library’s Digital Preservation department to move digital copies of materials into Preservica, Yale’s secure digital repository.



Using Preservica to archive items helps ensure that digital access copies and born-digital materials will be usable by researchers in the future.

REDESIGNED WEBSITE

In February, Web Services Librarian Dana Haugh launched a fully redesigned, user-focused website. The new website reinforces the Medical Library’s brand by using colors and fonts seen in our promotional materials and annual reports. The new design incorporates feedback from users, environmental scans of peer websites, user experience testing, and website best practices. Along with the new design, several minisites and webpages were optimized for functionality and appearance, including the Bioinformatics Support minisite, the new Historical Library homepage, and a new Medical Library Associates minisite.

Katherine Isham
processing items in our
special collections
Photo: Terry Dagradi

*Fasciculus medicinae: with:
Consilium pro peste evitanda
(5 February 1493/94)*



Medical librarians meet to discuss their recent article on librarian involvement in the peer review process of systematic reviews

Photo: Dana Haugh

LIBRARIANS AS PEER REVIEWERS

A team of our librarians published a paper investigating librarian involvement in the peer review process of systematic review manuscripts in *Research Integrity and Peer Review*. Health science librarians often contribute to the production of systematic reviews, but little was known about their involvement in peer reviewing. We surveyed almost 300 colleagues and learned that many librarians are willing to peer review a systematic review manuscript, but have never been asked. What's more, the librarians who have peer reviewed systematic review manuscripts typically identify flaws or reporting gaps in the manuscript under review, often in the search methodology or the search write-up. The paper suggests that librarians should play a larger role in the peer review process and proposes several strategies. To aid editors in finding experienced peer reviewers, Research and Education Librarian Kate Nyhan, Dana Haugh, and Associate Director Holly Grossetta Nardini joined forces with Melissa Rethlefsen from the University of Florida to launch the Librarian Peer Reviewer Database, which has registered 135 librarians available to peer review and makes them easily findable by journal editors.

THE CUSHING CENTER CELEBRATES 10 YEARS

To commemorate the Cushing Center's tenth anniversary, History of Medicine doctoral student Deborah Strehle and Cushing Center Coordinator Terry Dagradi curated a special exhibition on

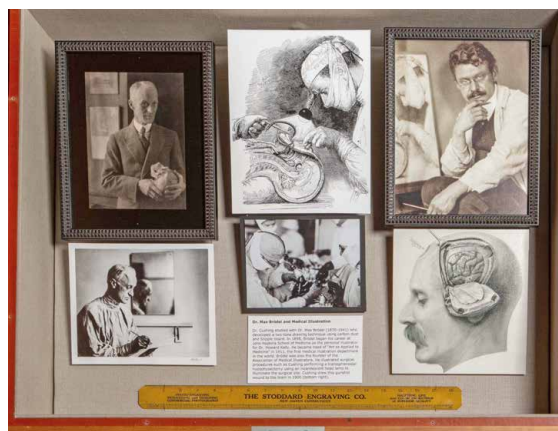
its history. Since its unveiling in June 2010, the Cushing Center has provided a place of honor for the materials of the Cushing Brain Tumor Registry. Serving as a unique record of neurosurgery's early days, the space has generated abundant national and international media attention. As a poignant reminder of the people whose lives depended on Cushing's expertise, the center sparks important conversations about the ethics of collecting and displaying human tissue.

Along with the new exhibition, Terry, Melissa Grafe, and Conservator Laura O'Brien-Miller redesigned the Center's twenty-two discovery drawers, which now highlight stories of people involved in Cushing's work, some of his patients, and much more. While COVID-19 halted in-person celebrations of the anniversary, the center's new website will feature videos and other stories that help bring the Cushing Center to the world.



"Seeing" the Brain, discovery drawer 3T

Photo: Terry Dagradi



Dr. Max Brödel and Medical Illustration, discovery drawer 8B

Photo: Terry Dagradi

Working toward Equity and Visibility



RACE AND RACISM IN HEALTH CARE

The Medical Library is committed to acknowledging the historical systemic racism within our institution. We created the Race and Racism in Health Care webpage to educate and raise awareness on this important topic as it relates to health care. Library staff continue to update this page and critically evaluate the materials being shared. We will continue to work with the University and community members to address this important issue.

ART IN PUBLIC SPACES

Melissa Grafe and Terry Dagradi are on the executive committee for the Program for Art in Public Spaces, a recent initiative overseen by the YSM Office of Diversity, Inclusion, Community Engagement, and Equity. The program works to update the YSM interior spaces to reflect the diversity of the students, staff, and faculty who work there. Two such examples of their work this year include exhibitions highlighting portraits of Women in Medicine at Yale and an exhibition of artwork submitted by members of the medical community based on the theme of “self-reflection.”

Faculty, staff, and students enjoy a reception for the self-reflection exhibition
Photo: Terry Dagradi

New Acquisitions

WEB OF SCIENCE DATASET

The Medical Library and Marx Science and Social Science Library collaborated to acquire the Web of Science raw XML dataset. This dataset contains approximately seventy-three million Web of Science metadata records dating from 1900 to 2019 and has valuable bibliometric applications across the University Library system and Yale University.

STANLEY B. BURNS, M.D. HISTORIC MEDICAL PHOTOGRAPHY COLLECTION

The Historical Library dramatically expanded its holdings of visual materials with the acquisition of the Stanley B. Burns, M.D. Historic Medical Photography Collection. The collection includes over 15,000 images documenting medical science and the practice of medicine from the 1840s through the 1970s, many of which were created or collected by noted physicians and medical practitioners. The collection encompasses multiple



The Meade brothers studying medicine in upstate New York, ca. 1870. The Burns Archive

photographic formats including daguerreotypes, ambrotypes, tintypes, cartes de visite, cabinet cards, postcards, photo albums, framed photographs, and prints in publications. Materials include extensive holdings of physicians and medical scientists at work, operative scenes, hospital wards, laboratories, nurses and nursing, notable physicians, surgical specialties, war medicine, patients, and disease states. The collection was accompanied by a gift of books and pamphlets containing medical photography from Dr. Stanley Burns and Elizabeth Burns.

Stanley B. Burns, M.D., FACS, with his collection.
The Burns Archive



Exhibitions

NEW EXHIBITION CASES IN ROTUNDA

With many thanks to the Medical Library Associates for their generous donations, the Medical Library was able to purchase new exhibition cases for the Rotunda. The original cases were nearly seventy-five years old and lacked many of the environmental and preservation controls needed to protect material on display. The new cases include six glass-topped table displays and two vertical cases and provide UV light protection, which is critical to prevent fading. The vertical cases include magnetic boards that can be used to display posters and prints, and adjustable glass shelving to allow the display of larger objects.



AUGUST 2019–NOVEMBER 2019

The Hall-Benedict Drug Company Logbooks and Ledgers
Historical Library

SEPTEMBER 2019–MARCH 2020

Be Careful – A Selection of Safety Posters from the Historical Collections' Recent Acquisitions
Hallway Exhibition

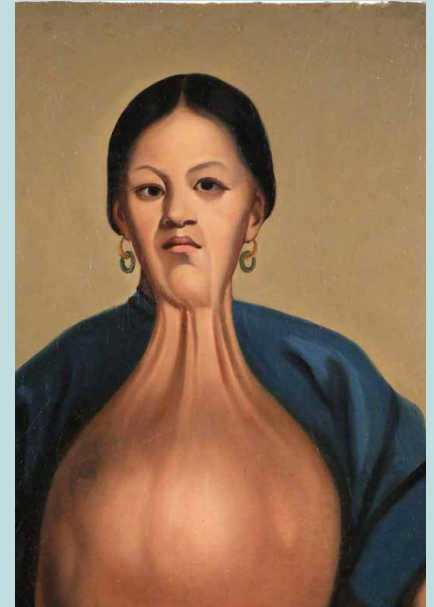
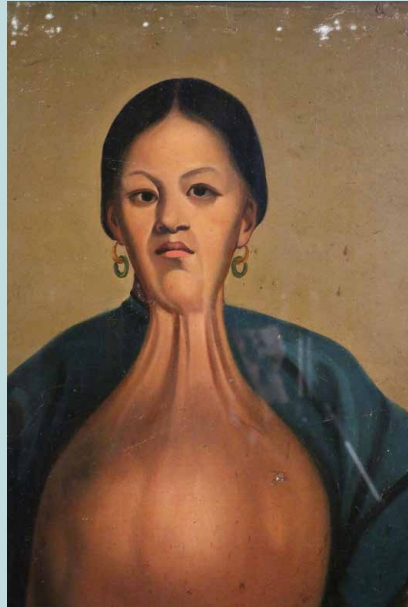


Photos: Terry Dagradi

CONSERVATION CASE STUDY:

YANG SHE AND THE LAM QUA PORTRAITS

The Historical Library is home to a unique collection of oil portraits by Chinese painter Lam Qua that depict patients with large tumors or other major deformities. The portraits were commissioned by Peter Parker in the 1830s and portray Parker's patients, whom he treated at Canton Hospital. Upon examining the collection, Conservator Laura O'Brien-Miller uncovered some conservation issues and contacted portrait conservator Kathy Hebb to assess the condition. Together, they proposed a treatment plan for a portrait of a woman named Yang She. After months of careful work, the portrait was successfully restored and rehoused, revealing its true horrible beauty. The Historical Library hopes to continue conservation and restoration efforts of these unique portraits through additional fundraising.



Lam Qua's oil portrait of Peter Parker's patient Yang She before (L) and after (R) restoration

OCTOBER 2019–FEBRUARY 2020

Plastic Surgery at Yale: Surgical Expertise, Innovation, and History Cushing Rotunda

The Historical Library partnered with Yale's Plastic and Reconstructive Surgery section to highlight advances in surgical technology over the centuries. Techniques and procedures dating from ancient times through the present day were displayed in a sampling of major historical texts. Surgeons from the section loaned models and tools used in reconstructive and cosmetic surgery as a way of exploring the field's changing technology. Members of the faculty were showcased through various publications, instruments, and international nonprofit work. The exhibition also featured material from the recently established Yale Archives of Plastic Surgery, including objects from the collections of M. Felix Freshwater, M.D., and Gary Burget, M.D.

The exhibition was curated by Marc E. Walker, M.D., M.B.A., with assistance from Melissa Grafe. A Grand Rounds for Plastic and Reconstructive Surgery was held in the Historical Library shortly after the exhibition opened.

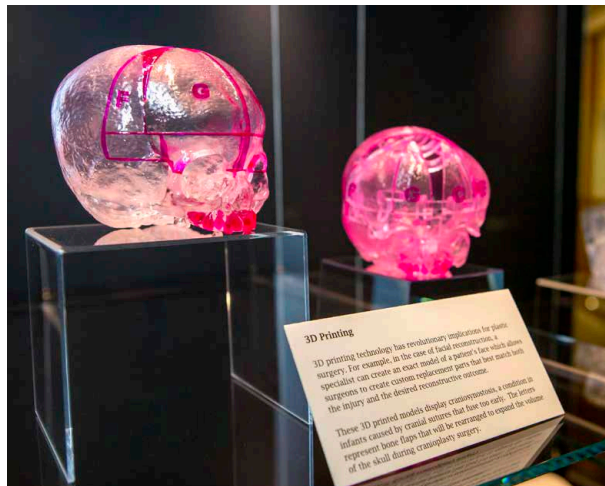


Photo: Terry Dagradi

FEBRUARY 2020–MAY 2020

The Enduring Appeal of “The Doctor”
Historical Library

MARCH 2020–DECEMBER 2020

Disability, Disability Activism, and the 30th Anniversary of the Americans with Disabilities Act
Cushing Rotunda

Thirty years ago, the landmark Americans with Disabilities Act (ADA) became law, prohibiting discrimination against people with disabilities in all areas of public life, including employment, schools, transportation, and public spaces.

This exhibition explored disability and disability activism leading up to the passage of the ADA in July 1990. At a local level, the exhibition discussed disability activism at Yale today, focusing on multiple groups advocating for change across the University. Melissa Grafe, with doctoral student Megann Licskai, curated the exhibition, with contributions of materials and text from the DiversAbility at Yale (DAY) Affinity Group and the undergraduate advocacy group Disability Empowerment for Yale (DEFY). The exhibition also featured photographs and other materials from the Robert Bogdan Disability Collection, which contains over 3,500 items on disability from the late nineteenth and twentieth centuries. The exhibition opening was held in conjunction with a Program for Humanities in Medicine session entitled “Disability Worlds: Genetic Testing, Neurodiversity, Disability Activism,” which was hosted at the Medical Library.



Markley Morris, *The Center on Human Policy*, Syracuse University, 1987. Used with permission



Attendees at a lecture from the Program for Humanities in Medicine

Photo: Terry Dagradi

Library Supporters and Friends

MEDICAL LIBRARY ASSOCIATES

Redesigned Web Presence

The Medical Library Associates site received a much-needed update in terms of design and functionality. The new design prominently features the impact, benefits, and story of the Medical Library Associates, highlighting the indispensability and immeasurable influence of this seventy-year-old guild.

BECOME A FRIEND OF THE CUSHING/ WHITNEY MEDICAL LIBRARY

Through the generosity of our Associates, the Cushing/Whitney Medical Library provides essential support for biomedical education, research, and patient care. We encourage you to consider supporting these invaluable and comprehensive resources 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 our website. All gifts are tax-deductible.

DONORS

Gifts of \$250 or more

Jack D. Barchas	Robert W. Lyons
John Booss	Linda L. Maerz
Charles A. Coffin	Robert Marcus
Memorial Fund	Thomas Morgan
Lawrence S. Cohen	Robert H. Posteraro
Connecticut Community Foundation	Seth M. Powsner
Jean B. Cooper	Seth A. Rosenthal
Shawn E. Cowper	Gilbert B. Solitare
Robert B. Diasio	Yung H. Son
Ira H. Gewolb	Lauren T. Spiliotes
John S. Hughes	Lee H. Strohl
Arthur F. Jones	Karl G. Wagner
Michael Kashgarian	Aron D. Wahrman
Jonathan D. Katz	Edward D. Wang
Pramita E. Kuruvilla	Dana A. Weiss
	Carolyn K. Wells

MAJOR GIFTS

Gifts for the Historical Library

Connecticut State Medical Society

The Historical Library welcomed the gift of the Connecticut State Medical Society (CSMS) records. Founded in 1792, the CSMS is a constituent State entity of the American Medical Association with a membership of approximately 7,000 physicians from eight Connecticut county medical associations. The CSMS records include proceedings, publications, office records, microfilm, photographs, and scrapbooks documenting the society's activities from its founding to the present day. The gift was accompanied by a generous donation from a group of current CSMS members for the purchase of archival supplies to rehouse the collection.

Bert Hansen, Ph.D.

Medical Historian Bert Hansen, Ph.D., donated nearly 300 pieces of medical ephemera to the Historical Library this year. The items include over 100 early twentieth-century health pamphlets from Metropolitan Life and other insurance companies, American Medical Association guides, and materials using the iconic image of "The Doctor," painted by Sir Luke Fildes.



Researcher Kelly O'Donnell explores a large scrapbook from the Connecticut State Medical Society collection

Photo: Melissa Grafe

Gifts for the Historical Library rare collections were accepted from:

Charlotte Abney Salomon, Ph.D.
David Erikson
Bradford H. Gray ('73), Ph.D.
Thomas L. Lentz, M.D.
Christiane Nockels-Fabbri, Ph.D.

Gifts for the general collection were accepted from:

Robert Alpern, M.D., Ensign Professor of
Medicine (Nephrology) and Professor of
Cellular and Molecular Physiology
Florence Chan, M.D. '19
Myron Genel, M.D., Professor Emeritus of
Pediatrics
Christopher Kerantzas, M.D., Clinical Fellow
J. Lance Lichtor, M.D., Anesthesiology, YNHH

Fellowship Highlights

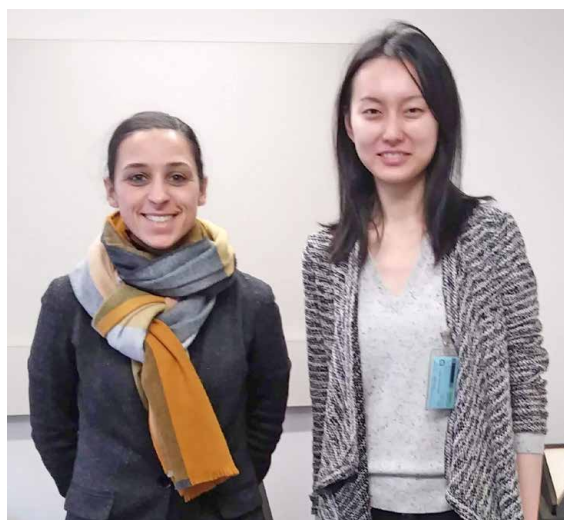
FERENC GYORGYEY TRAVEL GRANT

The Ferenc Gyorgyey Research Travel Grant is available to historians, medical practitioners, and other researchers outside of Yale who wish to use the historical collections of the Harvey Cushing/John Hay Whitney Medical Library. Christopher Babits, who is now a postdoctoral teaching fellow at Utah State University, was awarded a grant in 2019 for his project, “To Cure a Sinful Nation: Conversion Therapy in the United States.” No award was given in 2020 due to COVID-19.

HISTORY OF SCIENCE, TECHNOLOGY, AND MEDICINE FELLOWSHIP

A national fellowship program managed by the Consortium for History of Science, Technology and Medicine in Philadelphia brings research fellows from around the world to use Yale’s special collections relating to medicine, science, and technology. The Historical Library and Beinecke Rare Book and Manuscript Library jointly contribute to this fellowship program, and in the past year, Yale hosted the largest single cohort of fellows, eight in total. Since 2015, the Historical Library and Beinecke have hosted thirty-three fellows for weeklong research trips exploring Yale’s rich special collections.

Fellows this year included Marcos Cueto, Menglu Gao, Zachary Mann (Beinecke), Patrícia Martins Marcos, Cristina Nigro, Megan Piorko (Beinecke), Emma Schroeder, and Sarah Yu.



Fellows Patrícia Martins Marcos and Menglu Gao

Photo: Melissa Grafe

Staff Highlights



NEW HAVEN PROMISE INTERN

Over the summer, the Medical Library hosted New Haven Promise Intern [N’Kiyah Galberth](#). N’Kiyah worked on a variety of projects including compiling bibliographies, performing user experience testing, writing articles for the Medical Library’s blog, and contributing to the Race and Racism in Health Care research guide. N’Kiyah started her master’s degree at the University of Connecticut, where she will be studying political science, a step toward her career goals in public health law. Many thanks to the Yale University Librarian for funding this paid internship and to N’Kiyah for her valuable contributions.

Cushing/Whitney Medical Library staff

Photo: Terry Dagradi

NEW STAFF

The Medical Library welcomed two new team members this year: [Courtney Brombosz](#), Research and Education Librarian; and [Dr. Nur-Taz Rahman](#), Simbonis Fellow in Bioinformatics.

RETIREMENT

Manager of Library Systems [Arthur Belanger](#) retired from the Medical Library after forty-two years of service to the University. Arthur had a deep knowledge of library systems, a vast network of connections at Yale, and a passion for digitized library collections. He has been an indispensable resource and we wish him the best in retirement.

LONG SERVICE AWARDS

20 years — John Gallagher

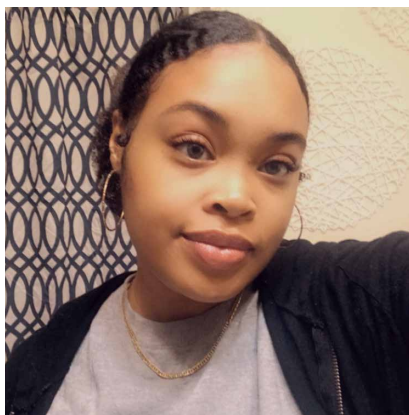
15 years — Janene Batten, Dorota Peglow, Lei Wang

5 years — Alyssa Grimshaw, Katherine Isham

AWARDS

Assistant Director of Clinical Information Services [Katherine Stemmer Frumento](#) was the recipient of the Medical Library Association Presidential Award. Kathy, who ended her time at Yale in March, was recognized for her role on the Medical Library Association Strategic Priorities task force.

Collection Development and Scholarly Communication Librarian [Lindsay Barnett](#) was named a “Top Up & Comer” by ATG Media and the organizers of the Charleston Conference. The award recognizes future leaders in the library and information profession.



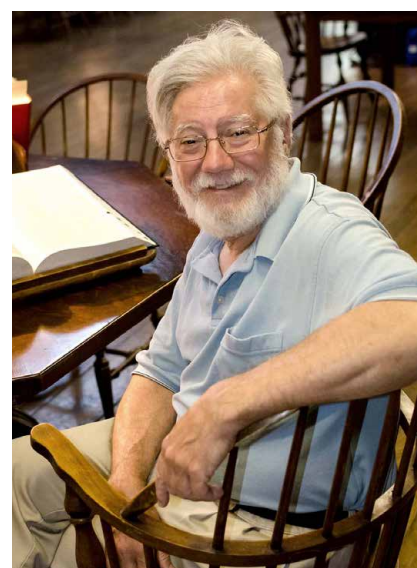
N’Kiyah Galberth



Courtney Brombosz



Nur-Taz Rahman
Photo: Terry Dagradi



Arthur Belanger
Photo: Terry Dagradi



Director John Gallagher was invited to present the keynote address at the Sino-US Medical Libraries Symposium at Fudan University School of Medicine in Shanghai, China. Because of Yale’s illustrious relationship with China and Fudan University, his presentation celebrated Yale-in-China’s rich history and provided an overview of the medical library’s current programs and his vision of the future of health sciences librarianship.

PUBLICATIONS

Lindsay Barnett

"Features, flaws, and fixes." *MLA Connect*. 2019. With Hickner A and McLellan A.

Janene Batten

"A systematic review and meta-analysis of behavioral sleep interventions for adolescents and emerging adults." *Sleep Medicine Reviews*. 2020. 54(101356). With Griggs S, Conley S, and Grey M.

"Partnering with librarians." *Journal of Pediatric Health Care*. 2020. 34(1): 1.

Alexandria Brackett

"Association between chiropractic use and opioid receipt among patients with spinal pain: a systematic review and meta-analysis." *Pain Medicine*. 2020. 21(2): e139–e145. With Corcoran KL, Bastian LA, Gunderson CG, Steffens C, and Lisi AJ.

"Differentiation of lymphomatous, metastatic, and non-malignant lymphadenopathy in the neck with quantitative diffusion-weighted imaging: systematic review and meta-analysis." *Neuroradiology*. 2020. 61(8): 897–910. With Payabvash S, Forghani R, and Malhotra A.

"Emergency department screening, brief intervention, and referral to treatment of substance use in victims of community violence: a systematic review." *Academic Emergency Medicine*. 2020. 27 (Supplement 1): S262. With Coupet E, Dodington J, and Vaca FE.

"Revascularization options for females with multivessel coronary artery disease: a meta-analysis of randomized controlled trials." *JACC: Cardiovascular Interventions*. 2020. 13(8): 1009–1010. With Gul B, Shah T, Head SJ, Chieffo A, Hu X, Li F, Gesick C, Bisarya PK, and Lansky A.

"TCT-237 revascularization options for women with coronary artery disease: a meta-analysis of randomized controlled trials." *Journal of the American College of Cardiology*. 2019. 74(13 Supplement): B236. With Shah T, Gul B, Head S, Abbott JD, Chieffo A, Baumbach A, Hu X, Li F, Gesick C, Bisarya P, Mehran R, Grines C, Geirsson A, Mehilli J, and Lansky A.

Alexandria Brackett & Janene Batten

"Ensuring the rigor in systematic reviews: part 1, the overview." *Heart & Lung*. 2020.

Melissa Funaro

"A systematic review of ketamine for the treatment of depression among older adults." *International Psychogeriatrics*. 2020. 1–13. With Gupta A, Dhar R, Patadia P, Bhattacharya G, Farheen SA, and Tampi RR.

"Methylene blue for refractory shock in children: a systematic review and survey practice analysis." *Pediatric Critical Care Medicine*. 2020. 21(6): e378–e386. With Luna AVO, Johnson R, Canarie MF, and Pierce RW.

"Microcirculation dysfunction in critically ill children: a systematic review." *Shock*. 2019. 51(6 Supplement 1): 121. With Maitoza L, Neeman E, and Pierce RW.

"Relevance of microvascular flow assessments in critically ill neonates and children: a systematic review." *Pediatric Critical Care Medicine*. 2019. 21(4): 373–384. With Maitoza LA, Neeman E, and Pierce RW.

"Systematic review of benzodiazepines for anxiety disorders in late life." *Annals of Clinical Psychiatry*. 2020. 32(2): 114–127. With Gupta A, Bhattacharya G, Farheen SA, Balasubramaniam M, Young J, and Tampi RR.

John Gallagher

"Answering the call: academic health sciences libraries and COVID-19." Washington D.C.: National Library of Medicine. 2020. With Conte M, Holmes K, Jaguszewski J, Kern B, Rethlefsen M, and Seymour A.

Rolando Garcia-Milian

"Determining the endocrine disruption potential of industrial chemicals using an integrative approach: public databases, in vitro exposure, and modeling receptor interactions." *Environment International*. 2019. 131: 104969. With Alofe O, Kisanga E, Inayat-Hussain SH, Fukumura M, Perera L, Vasiliou V, and Whirlledge S.

"Gene x environment: the cellular environment governs the transcriptional response to environmental chemicals." *Human Genomics*. 2020. 14, 19. With Burman A and Whirlledge S.

"Glucocorticoids and serum- and glucocorticoid-inducible kinase 1 are potent regulators of CFTR in the native intestine: implications for stress-induced diarrhea." *American Journal of Physiology-Gastrointestinal and Liver Physiology*. 2020. 319: G121–G132. With Ahsan MK, Figueroa-Hall L, Baratta V, Lam TT, Hoque K, Salas PJ, and Ameen NA.

"Glutathione deficiency-elicited reprogramming of hepatic metabolism protects against alcohol-induced steatosis." *Free Radical Biology and Medicine*. 2019. 143: 127–139. With Chen Y, Manna SK, Golla S, Krausz KW, Cai Y, Chakraborty T, Chakraborty J, Chatterjee R, Thompson DC, et al.

"IFN γ potentiates TNF α /TNFR1 signaling to induce FAT10 expression in macrophages." *Molecular Immunology*. 2020. 117: 101–109. With Kandel-Kfir M, Gueta I, Lubitz I, Ben-Zvi I, Shaish A, Shir L, Harats D, Mahajan M, Canaan A, and Kamari Y.

"Ktn1 variants and risk for attention deficit hyperactivity disorder." *American Journal of Medical Genetics, Part B, Neuropsychiatric Genetics*. 2020. 183: 234–244. With Luo X, Guo X, Tan Y, Zhang Y, Wang Z, Shi J, Yu T, Ji J, Wang X, Xu J, Zhang H, Zuo L, Lu L, Wang K, and Li CR.

"Molecular pathway analysis indicates a distinct metabolic phenotype in women with right-sided colon cancer." *Translational Oncology*. 2020. 13: 42–56. With Sun Y, Mironova V, Chen Y, Lundh EPF, Zhang Q, Cai Y, Vasiliou V, Zhang Y, Khan SA, and Johnson CH.

"Suppressing mir-21 activity in tumor-associated macrophages promotes an antitumor immune response." *Journal of Clinical Investigation*. 2019. 129: 5518–5536. With Sahraei M, Chaube B, Liu Y, Sun J, Kaplan A, Price NL, Ding W, Oyaghire S, Mehta S, Reshetnyak YK, Bahal R, Fiorina P, Glazer PM, Rimm DL, Fernandez-Hernando C, and Suarez Y.

"Transcriptome-wide piRNA profiling in human brains for aging genetic factors." *Jacobs Journal of Genetics*. 2019. 4: 014. With Mao Q, Fan L, Wang X, Lin X, Cao Y, Zheng C, Zhang Y, Zhang H, Kang L, Shi J, Yu T, Wang K, Zuo L, Li CSR, Guo X, and Luo X.

Mark Gentry

"Non-accidental harms ('abuse') in athletes with impairment ('para athletes'): a state-of-the-art review." *British Journal of Sports Medicine*. 2020. 54(3): 129–138. With Tuakli-Wosornu YA, Sun Q, Ona Ayala KE, Doolan FC, Ottesen TD, Caldwell B, Naushad N, Huang P, and Kirby S.

Melissa Grafe

Presidential columns for *The Watermark*, Summer, Fall, Winter, and Spring 2019–20. Winter and Spring columns co-written with Crumpton S, Medical Museums Association President.

Alyssa Grimshaw

"Copper deficiency and cytopenia: a systematic review." *Blood*. 2019. 134(S1): 5025. With Kharel P, Gnanapandithan K, Pandey RK, Jha S, and Giri S.

"Effect of institutional trans-catheter aortic valve replacement (TAVR) volume on mortality: a systematic review and meta-analysis." *Journal of the American College of Cardiology*. 2020. 75(11): 1415. With Kir D, Shapero K, Chatterjee S, Oddleifson A, Spatz E, Goldsweig A, and Desai NR.

"Efficacy and safety of frontline regimens for older transplant-ineligible patients with multiple myeloma: a systematic review and meta-analysis." 2020. *Journal of Geriatric Oncology*. With Giri S, Aryal MR, Yu H, Pathak R, Huntington SP, and Dhakal B.

"Evaluation of efficacy and safety of front-line regimens for the treatment of transplant ineligible patients with multiple myeloma: a network meta-analysis of phase 2/3 randomized controlled trials." *Blood*. 2019. 134(S1): 2188. With Giri S, Aryal MR, Yu H, Pathak R, Huntington SF, and Dhakal B.

- "Hematologic immune-related adverse events from immune checkpoint inhibitors: a systematic review of case-reports and case-series." *Blood*. 2019. 134(S1): 3606. With Gnanapandithan K, Kharel P, and Giri S.
- "How do grandparents influence child health and development? A systematic review." *Social Science and Medicine*. 2019. 239. With Sadraddin AFA, Ponguta LA, Zonderman AL, Wiley KS, and Panter-Brick C.
- "Immune checkpoint inhibitor-associated diarrhea and colitis: a systematic review and meta-analysis of observational studies." *Gastroenterology*. 2020. 158: S-1160. With Tran AN, Hundt M, Wang M, Ohm J, Chugh R, Hung KW, Laine L, and Al-Bawardy B.
- "Long-term surveillance of low-risk presumed mucinous cysts: a systematic review and meta-analysis." *Gastroenterology*. 2020. 158(6 Supplement 1): S-599. With Chhoda A, Singh S, Sheth AH, and Farrell JJ.
- "The National Institutes of Health funding for clinical research applying machine learning techniques in 2017." *npj Digital Medicine*. 2020. 3: 13. With Annapureddy AR, Angraal S, Caraballo C, Huang C, Mortazavi BJ, and Krumholz HM.
- "Prevalence of harmful diagnostic errors in hospitalised adults: a systematic review and meta-analysis." *BMJ Quality & Safety*. 2020. With Gunderson CR, Bilan VP, Holleck JL, Nickerson P, Cherry BM, Chui P, Bastian, L, and Rodwin BA.
- "Rate of preventable mortality in hospitalized patients: a systematic review and meta-analysis." *Journal of General Internal Medicine*. 2020. With Rodwin BA, Bilan VP, Merchant NB, Steffens CG, Bastian LA, and Gunderson CG.
- "Recurrent labial hair thread tourniquet syndrome in an adolescent girl: a systematic review and case report." *Journal of Pediatric and Adolescent Gynecology*. 2020. 33: 214. With Adjei N, Lynn A, Brault M, and Vash-Margita A.
- "Reproductive life goals: a systematic review of pregnancy planning intentions, needs, and interventions among women involved in US criminal justice systems." *Journal of Women's Health*. 2020. With Hoff E, Adams Z, Goddard-Eckrich DA, Dasgupta A, Sheth SS, and Meyer JP.
- Holly Grossetta Nardini**
- "Long-term natural history of atrophy in eyes with choroideremia: a systematic review and meta-analysis of individual-level data." *Ophthalmology Retina*. 2020. 4(8): 840–852. With Shen LL, Ahluwalia A, Sun M, Young BK, and Del Priore LV.
- "Long-term natural history of visual acuity in eyes with choroideremia: a systematic review and meta-analysis of data from 1004 individual eyes." *British Journal of Ophthalmology*. 2020. With Shen LL, Ahluwalia A, Sun M, Young BK, and Del Priore LV.
- "Progression of unifocal versus multifocal geographic atrophy in age-related macular degeneration: a systematic review and meta-analysis." *Ophthalmology Retina*. 2020. S2468–6530(20): 30122–30126. With Shen LL, Sun M, and Del Priore LV.
- "Topographic variation of the growth rate of geographic atrophy in nonexudative age-related macular degeneration: a systematic review and meta-analysis." *Investigative Ophthalmology and Visual Science*. 2020. 61(1): 2. With Shen LL, Sun M, Khetpal S, and Del Priore LV.
- "Updating insights into rosiglitazone and cardiovascular risk through shared data: individual patient and summary level meta-analyses." *BMJ*. 2020. 368: 7078. With Wallach JD, Wang K, Zhang AD, Cheng D, Lin H, Bracken MB, Desai M, Krumholz HM, and Ross JS.
- "Information loss in harmonizing granular race and ethnicity data: descriptive study of standards." *Journal of Medical Internet Research*. 2020. 22(7): e14591. With Wang K, Post L, Edwards T, Nunez-Smith M, and Brandt C.
- Holly Grossetta Nardini, Janene Batten, Melissa Funaro, Rolando Garcia-Milian, Kate Nyhan, Judy Spak, & Lei Wang**
- "Librarians as methodological peer reviewers for systematic reviews: results of an online survey." *Research Integrity and Peer Review*. 2019. 4, 23. With Glover JG.
- Health science librarians often contribute to the production of systematic reviews, but little was known about their involvement in peer reviewing. We surveyed almost 300 colleagues and learned that many librarians are willing to peer review a systematic review manuscript, but have never been asked. The paper suggests that librarians should play a larger role in the peer review process and proposes several strategies.
- Dana Haugh**
- Open praxis, open access: digital scholarship in action*. Chicago: ALA Editions. 2020. Co-editor with Chase D.
- Denise Hersey**
- "Preoperative chlorhexidine mouthwash to reduce pneumonia after cardiac surgery: a systematic review and meta-analysis." *Journal of Thoracic and Cardiovascular Surgery*. 2019. 158(4): 1094–1100. With Bardia A, Blitz D, Dai F, Jinadasa S, Tickoo M, and Schonberger RB.
- "Use of non-face-to-face modalities for emergency department screening, brief intervention, and referral to treatment (ED-SBIRT) for high-risk alcohol use: a scoping review." *Substance Abuse*. 2019. 40(1): 20–32. With Birosack BJ, Pantalon MV, Dziura JD, and Vaca FE.
- Caitlin Meyer**
- "Systematic review of chronic discrimination and changes in biology during pregnancy among African American women." *Journal of Racial and Ethnic Health Disparities*. 2019. 6(6): 1208–1217. With Chaney C, Lopez M, Wiley KS, and Valeggia C.
- Melanie Norton**
- "3D printing in medical libraries: a crash course in supporting innovation in health care." *Journal of the Medical Library Association*. 2019. 107: 626.
- Kate Nyhan**
- "A systematic review of recent methodological approaches for using ecological momentary assessment to examine outcomes in U.S.-based HIV research." *Current HIV/AIDS Reports*. 2020. 1–10. With Smiley SL, Milburn NG, and Taggart T.
- "Adherence to and retention in medications for opioid use disorder among adolescents and young adults." *Epidemiologic Reviews*. 2020. With Viera A, Bromberg DJ, Whittaker S, Refsland BM, Stanojlović M, and Altice FL.
- "Black Caribbean emerging adults: a systematic review of religion and health." *Journal of Religion and Health*. 2020. 59(1): 431–451. With Hope MO, Taggart T, and Galbraith-Gyan KV.
- "Conflicts of interest among authors of published cannabidiol articles, 2014–2019." *Annals of Internal Medicine*. 2020. 172(11): 769–771. With Deary EC, Ross JS, and Wallach JD.

“Utilizing a life course approach to examine HIV risk for black adolescent girls and young adult women in the United States: a systematic review of recent literature.” *Ethnicity & Disease*. 2020. 30(2): 277. With Taggart T, Milburn NG, and Ritchwood TD.

Judy Spak

“Entrustable professional activity 7: opportunities to collaborate on evidence-based medicine teaching and assessment of medical students.” *BMC Medical Education*. 2019. 19(1): 330. With Nicholson J, Kovar-Gough I, Lorbeer ER, and Adams NE.

Lei Wang

“Scientific collaboration across time and space: bibliometric analysis of the American Journal of Neuroradiology, 1980–2018.” *American Journal of Neuroradiology*. 2020. 41(5): 766–771. With Zohrabian VM, Staib LH, and Castillo M.

PRESENTATIONS

2020

Medical Library Association (MLA) Annual Meeting

The MLA’s annual meeting, the largest medical library meeting in the United States, was held remotely this year.

Akers K, Boruff J, Brown RE, Carroll AJ, Cyrus JW, **Norton MJ**, and Thompson H. “Domains of professional practice: analysis of publications in the *Journal of the Medical Library Association* from 2010 to 2019.”

Meyer C. “Reimagining long-standing physician associate research curriculum support.” Paper presentation.

Nyhan K, **Haugh D**, **Grossetta Nardini HK**, and **Rethlefsen ML**. “The medical librarian peer reviewer database: connecting editors with experienced librarians.”

Rahman N, **Newman S**, and **Garcia-Milian R**. “Bringing the medical library to the forefront of data analysis and precision medicine: strategies and statistics.”

Tuttle B, **Meyer C**, **Miller J**, and **Zeigen L**. “The future is now: physician assistant programs, practice, and the library.” Immersion session.

Additional Presentations

Barnett L. “Expanding open access publishing support for librarian authors.” Ivy Plus Libraries Confederation Summer of Scholcomm. Virtual.

Bromberg DJ, **Viera A**, **Refsland BM**, **Nyhan K**, and **Altice FL**. “Mortality risk following naltrexone discontinuation: systematic review and meta-analysis.” American Society of Addiction Medicine Annual Meeting. Virtual.

Farhadian S, **Lindenbaum O**, **Zhao J**, **Garcia-Milian R**, **Chiarella J**, **Chintanaphol M**, **Calvi R**, **Kluger Y**, and **Spudich SS**. “Single-cell genomic analysis of blood and CSF T cells in HIV+ and HIV– adults.” Conference on Retrovirus and Opportunistic Infections (CROI). Boston, Mass.

Funaro M and **Nyhan K**. “Experiences of animal researchers: their required literature search for alternatives and their use of reporting guidelines.” Public Responsibility in Medicine and Research IACUC Conference. Virtual.

Grafe M. “Digging into digital: online resources in the history of medicine.” Librarians, Archivists, and Museum Professionals in the History of the Health Sciences. Virtual.

Grafe M and **Naughton R**. “Reach out and rethink: user feedback and the Medical Heritage Library.” Lightning talk. Librarians, Archivists, and Museum Professionals in the History of the Health Sciences Annual Conference. Virtual.

Haugh D. “Making sense of medical library homepages.” Poster session. Information Architecture Conference. Virtual.

Jordan G, **Grazioplene R**, **Florence A**, **Funaro M**, **Davidson L**, and **Bellamy C**. “Generativity within the context of peer support: a scoping review.” Refocus on Recovery Conference. Toronto, Ontario. 2020.

2019

North Atlantic Health Science Libraries Conference, Springfield, Mass.

Batten J, **Brackett A**, **Grimshaw A**, **Stemmer Frumento K**, and **Funaro M**. “All aboard! Clinical library team outreach initiatives.” Poster presentation.

Batten J, **Brackett A**, **Grimshaw A**, **Stemmer Frumento K**, and **Funaro M**. “Taking the long road: keeping track of searches to improve a mediated search service.”

Haugh D. “Design basics: how to create better visuals.”

Meyer C. “Creating an instruction community of practice: logistics, lesson plans and lessons learned.”

Rahman N, **Garcia-Milian R**, **Barnett L**, **Wang L**, **Spak J**, **Grossetta Nardini H**, and **Gallagher J**. “Fine-tuning a medical library bioinformatics support to address the data challenges of biomedical researchers in the age of omics and precision medicine.”

Additional Presentations

Batten J and **Brackett A**. “NER hospital librarians: resources for nursing and allied health care professionals.” National Network of Libraries of Medicine New England Region. Virtual.

Gallagher J. “Yale Medical Library: our past, present, and future.” Sino-U.S. Medical Libraries Symposium at Fudan University School of Medicine. Shanghai, China.

Grafe M. “Beyond Gray’s Anatomy: teaching about the human body throughout the ages.” Yale Club. New York, N.Y.

Haugh D. “Design basics: how to create better visuals.” Library Marketing and Communications Conference. St. Louis, Mo.

Joudrey PJ, **Howell BA**, **Nyhan K**, **Moravej A**, **Doernberg M**, **Ross JS**, and **Wang EA**. “Reporting of substance use treatment quality in U.S. adult drug courts.” Association of Medical Education and Research in Substance Use and Addiction Annual Meeting. Boston, Mass.

Newman S and **Haugh D**. “Conceptualizing, developing and launching a web space for data services.” New England Library Association Annual Conference. Groton, Conn.

Spak J, **Adams N**, **Brennan E**, **Collins H**, **Kovar-Gough I**, **Lorbeer E**, **Nicholson J**, **Ogawa R**, **Thormodson K**, and **von Isenburg M**. “Enabling self-directed life-long learning through EPA 7: the educator’s role.” Poster presentation. Northeast Group on Educational Affairs. Philadelphia, Pa.

ACKNOWLEDGMENTS

Toby Appel and **Melanie Norton** in *Journal of Cancer Immunology*. “Leucocyte-tumor cell hybridization can initiate cancer metastasis?” by **John M. Pawelek**, **Zachary Grasmick**, **Eric Duvall**, and **Greggory S. LaBerge**.

Alexandria Brackett in *Curbside consults: practices, pitfalls and legal issues* by **Drs. Sowmya Mahalingam**, **Nitya M. Bhalla**, and **Jonathan L. Mezrich**.

Alexandria Brackett in *Heterogeneity and variability in pressure autoregulation of organ blood flow: lessons learned over 100+ years* by **Drs. Lingzhong Meng**, **Yingwei Wang**, **Lina Zhang**, and **David L. McDonagh**.

Alexandria Brackett in *The radiologist’s guide to duplex ultrasound assessment of chronic mesenteric ischemia* by **Drs. Margarita V. Revzin**, **John S. Pellerito**, **Nariman Nezami**, and **Mariam Moshiri**.

Melissa Grafe in *GUYnecology: the missing science of men’s reproductive health* by **Rene Ameling**, Ph.D.

Vermetha Polite in *European Journal of Cancer Care*. “Sexual minority men and the experience of undergoing treatment for prostate cancer: an integrative review” by **Michael A. Moore**, **Janene Batten**, and **Mark Lazenby**

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