

Harvey Cushing / John Hay Whitney  
Medical Library, Yale University

*Annual Report, 2024–2025*



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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:* Alexandria Brackett (center) teaches a class on BioSketch and ORCID to nursing students.

*Photo:* Raquel Ramos

## From the Director

As we reflect on another remarkable year at the Medical Library, I am filled with pride and gratitude for our dedicated team and the vibrant community we support. The past year has been marked by significant achievements, strategic advancements, and a renewed commitment to creativity and excellence in service, research, and education.

Some highlights:

- Our staff provided guidance for the Medical Center community on the promise and pitfalls of artificial intelligence (AI) and led well-received and collaborative AI Prompt-a-thons and workshops on the use of Clarity at Yale.
- Librarians helped researchers understand and comply with the new National Institutes of Health (NIH) Public Access Policy requirements, which were implemented six months earlier than anticipated. Our commitment to supporting open access publishing remains strong.
- It was a banner year for teaching with special collections. Our Medical Historical Library team provided in-person instruction in over 100 classes, reaching more than 1,300 students.
- Our comprehensive search strategies and methodological expertise have enhanced the quality of research, ensuring its reproducibility and impact. Last year alone, our librarians co-authored over eighty publications, reflecting their integral role in the research process.
- We have also seen a tremendous surge in requests for bioinformatics and data support, leading us to recruit a Biomedical Informatics Librarian dedicated to supporting clinical data research. This new role is pivotal in providing consultation, training, and support for important data sources such as All of Us, Epic Cosmos, and MarketScan.
- Our Technology and Innovation and Access and Delivery Services teams developed "Ask



John Gallagher

*Photo:* Terry Dagradi

Harvey," our own virtual AI assistant, which helps users navigate our website, resources, and services more efficiently.

As we move forward, we will continue to provide robust support for research, clinical, and educational needs while embracing innovation and collaborative excellence. With tighter budgets, we plan to carefully assess the resources we license, ensuring our community has access to the most essential research materials and tools. We will also continue to foster collaborations within Yale and Yale New Haven Health System (YNHHS) to enhance our services and impact.

I want to extend my deepest gratitude to our talented and dedicated staff, whose hard work and passion drive our success. I am also thankful for the generous support of our funders, donors, and friends. Your contributions and enduring support are invaluable and enable us to achieve our mission and make a significant difference in our community.

Thank you,  
John

## New at the Library

### ASK HARVEY

Head of Technology and Innovation Lei Wang led the development of an AI assistant to help our web visitors find the information they need quickly, easily, and accurately. Not only is the assistant trained to search our website and the library catalog for answers to queries, but it also incorporates the PubMed database to offer results for users seeking articles. This tool is a testament to our phenomenal in-house expertise and once again signals to our users our commitment to the innovation and excellence that they have come to expect from our services.

### BIOMEDICAL INFORMATICS

There has been a significant surge in requests seeking support for data-driven clinical research at both the Yale School of Medicine (YSM) and YNHHS. We've also been working closely with YSM's Biomedical Informatics and Data Science (BIDS) department to negotiate access to highly sought-after resources, such as MarketScan, and to offer training to the YSM community. Recognizing this growing need for expertise, we saw an opportunity to deliver more robust and specialized support services from the library. In October, Biomedical Informatics Librarian Max Wegener joined the team to support informatics research

**Lead Digitization Technical Assistant Kelly Perry recently digitized all Yale School of Nursing Bulletins dating back to 1924. The collection is now available online.**

[https://elischolar.library.yale.edu/ysn\\_bulletins](https://elischolar.library.yale.edu/ysn_bulletins)



using clinical data. Currently he is focusing on consultation, training, and education support for data sources such as All of Us, Epic Cosmos, and MarketScan, and helping researchers develop the practical skills needed to navigate these resources.

### NEW RESOURCES

Collections Strategies Librarian Liz Jenkins carefully negotiated access to several new databases and journals this year to support the clinical, research, and educational needs of our users.

#### Biomedtracker and Global Data: Pharma and Medical Devices

Liz partnered with the Yale's Marx Library to license *Biomedtracker*, a database that offers insight into the drug development pipeline. By cost-sharing this resource, the Marx Library was also able to license *Global Data: Pharma and Medical Devices*, which provides data and industry reports on drug development and medical devices, with a focus on the business aspects of the industry.

#### Examine

*Examine* offers research summaries and information on nutrition, supplements, and

Students make "spooky study buddies" between classes at the Medical Library

*Photo: Dana Haugh*

other non-pharmaceutical interventions.

#### Ingenuity Pathway Analysis

Liz successfully negotiated a favorable agreement with QIAGEN to add two additional seats for *Ingenuity Pathway Analysis*, a highly used bioinformatics resource.

#### Journals

- The complete backfile for *American Journal of Obstetrics & Gynecology*, which provides electronic access to all historical content
- *Clinical Chemistry and Laboratory Medicine*
- *Expert Review of Neurotherapeutics*
- *Facial Plastic Surgery & Aesthetic Medicine*
- *Handbooks in Clinical Neurology*
- *Journal of Drugs in Dermatology*
- *Journal of Opioid Management*
- *PLOS Mental Health*
- *Respiratory Care*

#### REDESIGN OF LIBRARY WEBSITE

Web Services Librarian & Coordinator of Marketing and Communications Dana Haugh is preparing to launch a new web presence that will enhance the discoverability of our resources and services. In July 2025, Dana will transition the Medical Library's website to the WordPress platform which offers a more user-friendly experience for visitors and staff. It has sophisticated built-in functionality for displaying browsable and responsive content, and a much cleaner interface. It will also enable us to expand our digital offerings to incorporate asynchronous training modules and different avenues for discovering library collections.

#### NURSING LIBRARIAN

In January, our long-time Nursing Librarian Janene Batten transitioned to a new role at Marx Library. To ensure continuity of service to the Yale School of Nursing (YSN)

and Yale New Haven Hospital (YNHH) nurses, Clinical Librarian Alexandria Brackett transitioned into the position of Research and Education Librarian for Nursing.

In addition to outreach and community building, she is already supporting literature and systematic reviews, consulting with faculty and Ph.D. students, and providing tailored instruction sessions for the community.



Photo: Dana Haugh

We recently added six privacy booths to the E-Level study space, bringing the total to nine. These modular booths offer a sound-dampening space for phone calls, meetings, and silent study.

## Research Support

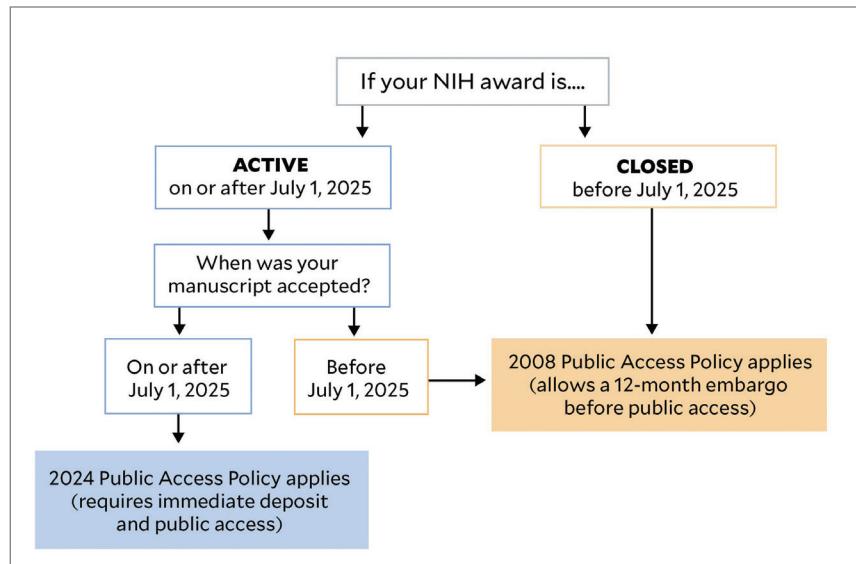
### EVIDENCE SYNTHESIS AND LITERATURE REVIEW

Evidence synthesis is the process of conducting a comprehensive search and examination of published and grey literature using rigorous, reproducible strategies and well-defined criteria to answer specific clinical or research questions. These projects are time intensive, requiring sophisticated literature searching, data management, and methodological expertise. Over the last ten years, systematic and scoping reviews published by Yale authors have increased threefold, and librarian co-authorship has risen tenfold. As experts in the rigorous methodologies of evidence synthesis, librarians significantly increase the quality, transparency, and reproducibility of these reviews.

Librarians contribute far beyond literature searching, partnering with and coaching research teams to shape research questions, design protocols, and strengthen the methodological foundation of each review. Evidence synthesis services foster collaboration across departments and disciplines, connecting librarians with clinicians, researchers, and trainees to accelerate high-impact scholarship. Last year alone, our librarians co-authored more than eighty papers.

To keep up with this highly sought-after service, we have repurposed two positions to be Research and Methodology Librarians for YSM. They will provide dedicated support for evidence synthesis to students, postdocs, faculty, and researchers at YSM and help triage all requests, including support for clinical, YSN and YSPH projects.

For over a decade, a team of library services assistants has supported evidence synthesis projects with comprehensive services available only at Yale. This includes obtaining journal literature through interlibrary loan and locating full-text articles of papers being screened. In the past year, the team contributed to thirty-seven



projects, helping ensure researchers had timely access to needed materials.

A flowchart developed by the Medical Library to help users understand the new NIH Public Access Policy

### NIH PUBLIC ACCESS POLICY

Ahead of the implementation of the new NIH Public Access Policy, Research and Education Librarian for Public Health Kate Nyhan and Data Librarian for the Health Sciences Levi Dolan prepared training and step-by-step guidance to help Yale researchers navigate the changes.

The new policy requires that manuscripts accepted for publication on or after July 1, 2025 that contain research funded by the NIH must be submitted to the NIH for public availability in PubMed Central, a free full-text archive of biomedical and life sciences journal literature. Notably, the new policy removes the twelve-month embargo period permitted by the 2008 policy and requires immediate public access upon publication.

### BIOMEDICAL INFORMATICS AND DATA SERVICES

Former Data Librarian for the Health Sciences Kaitlin Throgmorton and Research and Education Librarians for Bioinformatics Rolando Garcia-Milian and Sofia Fertuzinhos, were awarded the 2024



Linda K. Lorimer Award for Distinguished Service. This prestigious award celebrates staff members who embody Yale's spirit of leadership, innovation, collaboration, and excellence. Their work has strengthened the library's connection to the research community, produced critical research, established best practices, and created innovative pathways for learning and career development. The impact of their efforts can be felt across our campus and community.

Rolando and Sofia have been actively collaborating with partners across the Yale campus and beyond. They recently developed workshops with the Yale Center for Genomic Analysis (YCGA) on Tidyverse R packages, sequence alignment, and variant calling using YCGA pipelines. Nationally, they worked with the National Library of Medicine and the Network of the National Library of Medicine to present a seven-session webinar series. The series, "Evolution of Bioinformatics Services in Libraries," attracted hundreds of attendees.

Other collaborations include DataMed, a catalog of large datasets made available to the Yale community through a collaboration between BIDS' Biomedical Informatics Computing section and the Medical Library. The Medical Library also contributed its

**"This team's pioneering role in providing bioinformatics training and data support, by delivering successful training workshops, offering consultations, fostering collaboration, and providing practical tools to researchers at all levels reflects the role of the ideal medical library of our time.**

**The service model they created has made them partners in research, and their leadership in this area has garnered recognition beyond Yale."**

Lucila Ohno-Machado, chair of the Biomedical Informatics and Data Science department and Deputy Dean for Biomedical Informatics

(L to R):  
Rolando Garcia-Milian, Kaitlin Throgmorton, Linda K. Lorimer, Yale President Maurie McInnis, and Sofia Fertuzinhos at the 2024 Linda K. Lorimer Award ceremony

*Photo: Robert DeSanto*

expertise in licensing, deployment, and instructional video production for datasets.

### A WELCOMING RESEARCH ENVIRONMENT

The Access and Delivery Services (ADS) team partners with members of the Cross Departmental and Historical Library teams to staff three service points located throughout the Medical Library. The circulation desk is staffed for the entirety of the library's open hours, while the information desk and Medical Historical Library Reading Room are staffed based on peak traffic. Members of the team help create a warm and welcoming space for our community by answering questions, helping connect researchers with librarian support, and providing high-quality library support.

In addition to creating a positive user experience for visitors, the Medical Library plays a critical role as a student employer. Each semester a team of fifteen to twenty-five undergraduate, graduate, PhD, and medical students are hired and supervised by ADS and the Historical Library team to help with projects, staff service points, and maintain the stacks. Students have the opportunity to refine skills they will carry into their careers such as teamwork, active listening, phone etiquette, and strong communication.

**2,729**

articles delivered to our users through Scan and Deliver services

**1,966**

materials lent to other libraries

**782**

classes, orientations, and tours given by library staff



First-year medical students enjoy a break from studying with a puzzle

*Photo: Holly Grossetta Nardini*



Justin DeMayo and Lei Wang (right) attend the Educational Technology and Innovation Ideathon

*Photo: Anthony DeCarlo*

# Demystifying Open Access Publishing

Open access (OA) is a publishing model that provides free, unrestricted, and permanent online access to scholarly research. As a key part of Yale's scholarly communication ecosystem, Yale Library supports authors with tools, resources, and guidance to help them navigate the publishing process and the OA landscape.

## KEY TERMS

**Article processing charge (APC):** A fee charged by publishers to cover the costs of making an article open access. APCs are typically paid by authors, their institutions, or research funding.

**Transformative agreement:** A contract between institutions (like libraries) and publishers that aims to shift spending from journal subscriptions toward support for open access publishing, often including APC waivers or discounts for affiliated authors.

## GREEN, GOLD, DIAMOND – WHAT DOES IT ALL MEAN?

Understanding the different models of OA publishing can help authors make informed decisions about how to share their work.

"Thanks to Yale's agreements, we have had the opportunity to publish open access at no cost in peer-reviewed journals and share our research with more people worldwide."

– Courtney Choy, Postdoctoral Associate  
*Published five open access papers with Yale Library agreements*

**Green open access:** Authors self-archive a version of their article (such as preprint or postprint) in a public or institutional repository. This version is freely available to everyone.

**Diamond open access:** Articles are published in fully open access journals that do not require an article processing charge (APC). These journals are free for both authors and readers.

**Gold open access:** Articles are published in fully open access journals but often require an APC.

**Hybrid open access:** Articles are published in subscription-based journals that offer an open access option. Authors or their institutions pay an APC to make an article freely available.

## WHY PUBLISH IN AN OA JOURNAL?

### Increased Visibility and Equitable Access

OA removes paywalls, making scholarly work freely available to anyone with an internet connection. This can lead to higher readership, increased citation rates, and greater research impact.

### Compliance with Funder Mandates

Many funding agencies, such as the NIH, require research output to be publicly accessible. Publishing OA is a way to meet these requirements.

### Author Rights

Authors often retain more rights over their work when publishing OA, allowing them to share and reuse their articles more freely than in many traditional publishing models where the journal owns the rights.

## OA PUBLISHING SUPPORT

### APC Waivers and Discounts

Through transformative agreements, we provide access to APC support for over 700 journals. A curated list of 180 journals without APCs that are relevant to the medical campus is available on our website.

### Journal Evaluation Tools

We provide access to resources like the *Directory of Open Access Journals (DOAJ)*, *Cabells*, and *Journal Citation Reports (JCR)* to help you find and evaluate high-quality OA journals.

### Expert Consultations

Our librarians offer guidance on copyright, understanding author rights, and navigating scholarly communication topics to help you make informed publishing decisions.

### Green OA Archiving

The library manages EliScholar, Yale's institutional repository, which allows you to archive your work and make it freely available.

## COMMON MISCONCEPTIONS ABOUT OA PUBLISHING

**Myth: Open access publishing saves the library money.**

**"These open access agreements are transformative for community engagement and transparency."**

– Nicole Hawley, Associate Professor of Epidemiology  
*Published seven open access papers with Yale Library agreements*

**"Our lab has benefitted much from the agreement between Yale and PLOS that allows Yale researchers to publish open access articles for free. Not only have we been able to get our work disseminated in leading statistical genetics and computational biology journals, open access has made our work available to a much larger audience without imposing fiscal burden on us."**

– Hongyu Zhao, Ira V. Hiscock Professor of Biostatistics  
*Published nine open access papers with Yale Library agreements*

Theoretically, OA could lead to cost savings for libraries if subscription or interlibrary loan costs drop over time. But OA primarily shifts costs, rather than eliminating them. Many libraries invest in technology and staff to maintain institutional repositories. Hybrid publishing, for example, charges libraries for journal subscriptions (a cost to read) and still charges authors an APC (a cost to publish), sometimes called “double dipping.”

**Myth: Authors must pay an APC to comply with NIH Public Access Policy.**

This is false. The NIH policy requires that peer-reviewed articles be made publicly available in PubMed Central, but it does not require authors to publish in journals that charge APCs.

**Myth: Open access journals are lower quality.**

Journal quality is determined by its peer-review and editorial standards, not its business model. Tools like *DOAJ*, *JCR*, and *Cabells* can help you assess a journal's legitimacy.

## Clinical Support

### YNHHS/YSM ALIGNMENT

As YNHHS and YSM leadership strive to create one of the nation's premier academic health systems, the Medical Library is dedicated to collaborating with partners and stakeholders in both institutions. Our focus is to ensure clinicians and researchers systemwide have access to essential clinical information resources and services, thereby supporting the advancement of clinical and research initiatives.

### OUTREACH AND ENGAGEMENT

Clinical Research and Education librarians Alyssa Grimshaw and Melissa Funaro, joined by Dana Haugh and Head of Access and Delivery Services Megan Nance, were invited by the YNHH Resident/Fellow Senate Wellness Committee to host a Little Lending Library event for residents and fellows at YNHH York Street and Saint Raphael Campuses. House staff appreciated meeting their liaison librarians, learning more about our services, and receiving on-the-spot consultations. Library staff contributed books to the lending library, enhancing its resources.

To further support the Graduate Medical Education (GME) Residency and Fellowship program's new remote interview policy for equitable candidate access, Alyssa led the creation of a "Wow-Them" video to highlight our library services. Additionally, a newsletter pilot with a 77% percent open rate was introduced for those who missed orientation, and we plan to expand this initiative. These efforts underscore our commitment to enhancing support and engagement with our GME community, ensuring all residents and fellows have access to essential resources and information.

### CARE SIGNATURE INITIATIVE

The number of Care Signature Pathways within the Health System continues to grow, with more than 650 pathways developed



for inpatient, outpatient, and emergency settings since launching the first pathway on COVID-19 care in October 2020. This initiative aims to standardize healthcare practices and address disparities across the patient population.

The clinical librarians, collaborating with Care Signature Council leaders, prepare exhaustive literature searches on various topics. These literature searches assist the councils in reviewing current evidence-based practices and preparing interdisciplinary summaries, leading to consensus statements incorporated into clinical guidelines. YNHHS clinicians use the pathways 50,000 to 60,000 times each month, underscoring the significant contributions of clinical librarians in ensuring Care Signature Pathways are informed by the most up-to-date evidence.

### YNHHS NURSING

Alexandria Brackett met with YNHHS Nursing leadership to discuss institutional priorities and collaborative initiatives across the larger health system. One such initiative is her collaboration with the Center for Nursing Excellence team who invited her to conduct an initial training session for nurse managers with a focus on required learning for Nurse Professional Development Specialists. Additionally,

Melissa Funaro shows a user the variety of mobile apps available to them through the Medical Library's subscriptions

*Photo: Dana Haugh*

Alexandria frequently consults on various research projects and has also led numerous educational sessions for the YNHHS Nurse Residency Program.

### SYSTEM-WIDE LICENSES

In collaboration with Christopher Capoccia, Senior Contract Specialist for Corporate Supply Chain at YNHH, Liz Jenkins successfully negotiated several joint Yale/YNHHS licenses for important clinical resources such as *UpToDate* and *ClinicalKey*. We are committed to joint negotiations of contracts and usage analysis to make data-driven decisions about access to critical resources for clinicians system-wide.

### A NETWORK OF SERVICE

In response to recent network difficulties, the Access and Delivery Services department waived all processing fees associated with interlibrary loan services for Bridgeport, Lawrence + Memorial, and Greenwich Hospitals. Resource requests received from clinical libraries across YNHHS were given priority and filled as quickly as possible to support clinicians and providers across the system. This provided a strong foundation which we have continued to build upon in collaboration with librarians throughout the delivery networks. In support of alignment, we began offering all YNHHS clinicians access to our spaces and print collections.

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## Education Support

### SUPPORT FOR ACADEMICS

In March, Research and Education Librarian Caitlin Meyer became the personal librarian for all YSM students. She works closely with the Office of Student Affairs and Office of Student Research to ensure library support for students throughout their medical school career and theses. Simbonis Librarian for the Health Sciences Young Min Kim transitioned to supporting both Physician Associate and Physician Assistant online students through instruction, outreach, and capstone project assistance.

Yale School of Public Health (YSPH) students, faculty, and staff depend on high-quality information, and our library staff supports the YSPH community as readers and writers, consumers, and producers of literature and data. Through training, consultations, office hours, curricular lectures, tours, and collaborations, library staff empower the YSPH community to learn, practice, and disseminate evidence-based public health. This year alone, Research

and Education Librarian for Public Health Kate conducted 300 synchronous research consultations.

### AI PROMPT-A-THON AND CLARITY

System and Application Specialist Justin DeMayo and Research and Education Librarian Caitlin Meyer hosted monthly AI training for Yale's AI tool, Clarity, including large Prompt-a-thon events. This has been a unique opportunity to position ourselves as leaders in this new technology and has expanded the range of support our constituents can expect from the library. The sessions have been well-attended and have prompted further opportunities for collaboration, such as our recent invitation to teach AI core concepts at an all-day professional development retreat hosted by Yale's Office of Diversity, Equity, and Inclusion.

Library staff actively pursue self-education on AI tools as well, drawing on both internal and external expertise. For

instance, Head of Academic Research and Education Judy Spak attended a two-day immersive workshop called, “Fundamentals of Curriculum Development: a two-day GenAI assisted online course.” Knowledge and skills gained from this hands-on experience strengthened her support for the YSM curriculum as the school embraces AI tools to create and deliver the curriculum.

## INSTRUCTION

The Medical Historical Library supported a record number of classes in the fall, reaching over 800 people in fifty-seven classes. Combined with the spring sessions, this academic year saw the largest number of classes supported on record. Of the class sessions, three were semester-long. Sessions largely comprised primary source and subject-specific teaching alongside curated displays that allowed the students to examine materials up close. The classes included Yale College undergraduates and graduate students, and multiple one-off sessions for medical residents and students.

Medical librarians supported over 600 library instruction sessions in FY25 and taught 176 in-house training. Many training sessions are now eligible for continuing medical education (CME) credits through a collaboration with the Office of Continuing Medical Education. CME-eligible training sessions are tagged in publicity and have been extra popular. The target audience of Yale CME programs include the broad range of the medical profession, from full-time practitioners to academic physicians with special interests in research and teaching, primary care providers, and other allied health care professionals.



Justin DeMayo leads an AI prompt-a-thon using Yale's Clarity

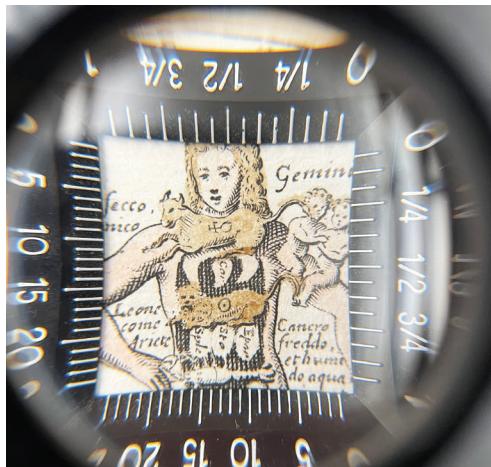
*Photo: Kelly Perry*



Internal medicine residents examine eugenics materials during a session hosted by the Medical Historical Library

*Photo: Melissa Gafe*

## Special Collections



### NEW ACQUISITIONS

Acquisition highlights for the Medical Historical Library include a rare anatomical manuscript collection, catalogued under the descriptive title "student notes on and drawings of human anatomy", which features wall charts, watercolor drawings, and sections on anatomy, pharmacology, and medical diagnoses; and *Idea dell' universo* or *"Idea of the Universe"*, a visual comparison and compendium of astral theories from antiquity to the year 1690 by Vincenzo Coronelli.

### THE CONNECTICUT STATE MEDICAL SOCIETY RECORDS

This year, the Medical Historical Library archives prepared the Connecticut State Medical Society Records (CSMS), 1792–2013, for use. The collection includes materials created and collected by CSMS staff and members that document the history and activities of the organization, policies regarding the practice of medicine in Connecticut, and efforts to effect legislative policy and regulations regarding the practice of medicine.

### NEW LOOK FOR STREETER COLLECTION

A cornerstone of the Medical Historical Library, the Edward Clark Streeter

Collection of Weights and Measures comprises over 3,000 artifacts acquired through donations between 1941–1947 and 1955–1973. Led by Curator for Visual Arts Laura Phillips, the new installation showcases rarely displayed objects from the collection – one of the most comprehensive collections of its kind worldwide. The installation embraces an open storage philosophy, realigning the collection with its original purpose as a “study collection.”

Detail of a movable anatomical figure from *Manuscript [Student notes on and drawings of human anatomy]*

*Photo: Laura Phillips*

Detail from *Idea dell' universo* or *"Idea of the Universe"* by Vincenzo Coronelli

*Photo: Laura Phillips*

An AMA conference delegate patch from the CSMS collection

*Photo: Katherine Isham*

### Ferenc Gyorgyey/Stanley Simbonis YSM '57

#### Research Travel Grant Recipients

##### 2024/2025 Awardee

Hannah Darvin: “Sentimentalizing Medicine: Luke Fildes’s *The Doctor* (1891) and the Idealized Image of the Physician-Patient Relationship”

### Stanley B. Burns M.D. Fellowship for the Study of Medical Photographic History Recipient

##### 2024/2025 Awardee

Stéphan Ballard: "Operating Theater"

## Exhibitions

### AUGUST 2024 – FEBRUARY 2025

#### *Data as Art: Celebrating a decade of the Bioinformatics Support Hub with the community*

This curated exhibition of community-contributed data visualizations transcended their scientific origins, revealing the inherent beauty and interpretative depth within data. The exhibition invited viewers to explore the aesthetic potential of scientific data, challenging the conventional perception of data as purely objective and highlighting its capacity to inspire artistic expression and creativity.



### FEBRUARY 2025 – AUGUST 2025

#### *A Cosmos of Similarity*

This exhibition showcased lesser-known works from the founding collection of the Medical Historical Library and charted a rich intellectual history in which mathematics, theology, natural philosophy, art, and medicine intertwine. It outlined a history of similarity and knowledge production in Europe between 1482 and 1700, connecting diverse disciplines through their visual and material traces. At the center of this story was a remarkable array of artifacts from The Edward Clark Streeter Collection of Weights and Measures and the personal library of Harvey Cushing (1869–1939). Curated constellations of objects from these collections – and more – brought together a cosmography of similarity, in which geometrical diagrams, body parts, musical intervals, and architectural forms illustrated abstract concepts, such as harmony, proportion, and time.



Pop-up exhibit using Medical Historical Library materials by graduate students in the course *Theory and Praxis of Material Histories*

*Data as Art* on display in the Cushing Rounda

Exhibition case from *A Cosmos of Similarity*  
Photos: Terry Dagradi

## Library Supporters and Friends

### DONORS

#### Gifts of \$250 or more

AKC Fund, Inc. Andrew L. May and  
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The Medical Library also accepted gifts from the following donors:

Michael Sand  
Harvey Kliman  
Naomi Rogers  
Kurt Stenn  
William Harrison Swift  
Bradford H. Gray  
Fred Volkmar

### MEDICAL LIBRARY ASSOCIATES

Established in 1948, the Medical Library Associates have supported the Medical Library for over seventy years, helping enable its world-class services to the faculty, staff, and students of the Yale medical center, today and for generations to come. The generosity of our Associates helps the Medical Library provide essential support for biomedical education and research. Past examples of what the Medical Library Associates have funded include purchasing rare manuscripts such as the fourteenth-century Paneth Codex and exhibition cases



for the Cushing Rotunda.

To make a gift or learn more about becoming a Medical Library Associate, please visit our website or contact Senior Administrative Assistant Christine Bailey. All gifts are tax-deductible.

This year's Annual Lecture of the Medical Library Associates was presented by Dean of the Yale School of Public Health Megan L. Ranney on "Gun violence as a public health problem: What we know, and where we are going."

Dr. Ranney is an emergency physician, researcher, and national advocate for innovative approaches to public health.

Chris Zollo and Kyra Walker examine a rare book

*Photo: Megan Nance*

## Staff Highlights

### LONG SERVICE AWARDS

25 years – John Gallagher  
20 years – Dorota Peglow, Lei Wang  
10 years – Alyssa Grimshaw, Katherine Isham

### PROMOTIONS

Librarian V – Rolando Garcia-Milian  
Librarian IV – Melissa Funaro, Katherine Isham, Caitlin Meyer  
E-Level Library Services Assistant – Vasean Daniels  
D-Level Library Services Assistant – Cara Jordan

### NEW ROLES

**Alexandria Brackett**, Research and Education Librarian for Nursing  
**Vasean Daniels**, Access Services Team Lead  
**Alyssa Grimshaw**, Biomedical Research and Methodology Librarian

### NEW STAFF

This year we welcomed three new staff members.

**Levi Dolan**, Data Librarian for the Health Sciences  
**Young Min Kim**, Simbonis Librarian for the Health Sciences  
**Max Wegener**, Biomedical Informatics Librarian

### RETIREMENTS

Library Services Assistant Mary Hughes retired this year after nineteen years at Yale.

### RECOGNITION

Melissa Funaro was elected chair of the North Atlantic Health Sciences Libraries association.

Sofia Fertuzinhos, Rolando Garcia-Milian, and Kaitlin Throgmorton were honored with the Linda K. Lorimer Award for Distinguished Service to Yale.



Medical librarians at the 2024 North Atlantic Health Sciences Libraries Conference

*Photo: Courtesy of Holly Grossetta Nardini*



New staff members (L to R): Young Min Kim, Max Wegener, and Levi Dolan

*Photo: Dana Haugh*



Jeffrey Brown and Dorota Peglow shelve books with Cedarhurst Intern Ellie Hathaway

*Photo: Megan Nance*

## PUBLICATIONS

The evidence synthesis and comprehensive searching projects would not be possible without Vermetha Polite, Vasean Daniels, Dorota Peglows, Pamela Gibson, and Lisa Sanders.

### Janene Batten

2024

“Exploring facilitators and barriers to STD/STI/HIV self-testing among college students in the United States: a scoping review.” *Journal of Primary Care & Community Health*, 15: 1-9. 2024. Reeves JM, Zigah EY, Shamrock OW, Khan D, Batten J, Abu-Ba’are GR, Nelson LE, Djiaudeu P.

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### Alexandria Brackett

2024

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### Melissa Funaro

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Melissa Funaro continues to support “A Living Systematic Review of Universal School-Based Social and Emotional Learning Programs in the United States” by identifying evidence gaps, refining research questions, and running complex literature searches.

Melissa’s work is grant-funded and she was asked to join the team due to her successful scholarship record with Associate Professor of Applied Developmental and Educational Psychology Christina Cipriano at the Yale Child Study Center

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“We were so lucky to have Alyssa Grimshaw’s partnership in conducting two important review papers in 2025! Thanks to her efforts, Dr. Poyani Bavishi led a scoping review to help inform more future equitable recruitment for hospital-based studies. In addition, Dr. Colleen Mistler led a systematic review to characterize the evidence base for exercise interventions to address unhealthy substance use among individuals with HIV — this paper has already directly inspired new research led by Dr. Mistler!

We are so grateful to Alyssa and her tireless efforts and excited to complete several other papers in progress with her!”

Jennifer Edelman, Professor in General Internal Medicine

#### Alyssa Grimshaw

2024

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“Exercise interventions conducted among individuals with co-occurring HIV and unhealthy substance use: a systematic review.” *AIDS and Behavior*. 2025. Mistler CB, Allen W, Grimshaw AA, et al.

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#### Holly Grossetta Nardini

“Improving peer review of systematic reviews and related review types by involving librarians and information specialists as methodological peer reviewers: a randomised controlled trial.” *BMJ Evidence-Based Medicine*, 30: 241-249. 2025. Rethlefsen ML, Schroter S, Bouter LM, Kirkham JJ, Moher D, Ayala AP, Blanco D, Brigham TJ, Grossetta Nardini HK, Kirtley S, Nyhan K, et al.

#### Zsuzsanna Nemeth

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#### Kate Nyhan

2024

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“A scoping review of factors associated with HIV acquisition in the context of humanitarian crises.” *AIDS and Behavior*, 28(12): 4224-4273. 2024. Harsono D, Atre S, Peterson H, Nyhan K, Garmroudi D, Davis JL, Ho W, Khoshnood K.

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“Association between marital/partner status and patient-reported outcomes in stroke patients: a systematic review.” *Cerebrovascular Diseases*, 1-21. 2025. Zhu C, Tran PM, Leifheit EC, Spatz ES, Dreyer RP, Nyhan K, Wang SY, et al.

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#### Maximilian Wegener

“Observational pilot using a Data to Care intervention strategy to promote HCV re-engagement and cure for persons with HIV/HCV co-infection who are out of care.” *BMC Health Services Research*, 25(140). 2025. Wegener M, Gosselin D, Brooks R, et al.

“Wildfire-season fine particulate matter exposure and associations with influenza and influenza-like-illness risk in the western USA.” *Environmental Health Perspectives*, 2025. Orr A, Alden NB, Austin E, Jaffar Z, Knudson J, Graham J, Migliaccio CT, Noonan C, Urbanski S, Wegener M, Landguth E,

## PRESENTATIONS

2024

Baker A, Garcia-Milian R, Kim Y, Lucien-Matteoni F, Hwa J, Kostallari E, Iwakiri Y, McConnell M. “Galectin-3 binding protein may act via platelet-derived microparticles to promote hepatic stellate cell-monocyte crosstalk leading to disease progression in alcohol-associated cirrhosis.” The Liver Meeting.

Baker A, Garcia-Milian R, Kim Y, Lucien-Matteoni F, Hwa J, Kostallari E, Iwakiri Y, McConnell M. “S100A8/9 is upregulated in platelets and platelet-derived microparticles in alcohol-associated hepatitis and can mediate endothelial inflammation.” The Liver Meeting.

Brackett A, Grimshaw A, Haugh D, Throgmorton K. “Partnering with international programs: librarian-led training for visiting researchers.” (Poster Session). 2024 North Atlantic Health Sciences Libraries Annual Conference.

Choy CC, Nyhan K, Savusa K, Soti-Ulberg C, Rosen RK, Naseri T, Hawley NL, Sharifi M. “Multicomponent lifestyle interventions to address cardiometabolic disease risk among Pacific Islander children: a scoping review.” (Poster Session). NHLBI Center for Translation Research and Implementation Science 10th Anniversary Celebration.

#### Furtuzinhos S, Garcia-Milian R.

“Building bridges: collaborative bioinformatics training between Yale cores and the library.” 2024 North Atlantic Health Sciences Libraries Annual Conference.

As part of her work with the Campbell Information Retrieval Methods Group, Kate Nyhan co-authored the methods paper “Searching for studies: A guide to information retrieval for Campbell systematic reviews,” which addresses automation and artificial intelligence in evidence synthesis. Since its publication in September 2024, it’s accrued thirty-one citations in the Lens citation network graph.



Janene Batten (far left) and Rolando Garcia-Milian (second from right) discuss their careers in medical librarianship during a panel discussion at the 2024 North Atlantic Health Sciences Libraries Conference.

Photo: Melissa Funaro

Garmroudi D, Harsono D, Atre S, **Nyhan K**, Ho W, Jin J, Khoshnood K. "Ethical principles and considerations in conducting research on HIV acquisition in humanitarian settings: a cross-sectional analysis." (Poster Session). Oxford Global Health & Bioethics International Conference.

**Grimshaw A, Grossetta Nardini H.** "An environmental scan of evidence synthesis projects published by Yale University and Yale New Haven Hospital authors: preliminary findings of scoping reviews." JMLA Biannual Research Caucus Research Awards Presentation.

Harsono D, Atre S, **Nyhan K**, Garmroudi D, Davis JL, Ho W, Khoshnood K. "A scoping review of factors associated with HIV acquisition in the context of humanitarian crises." AIDS 2024.

**Haugh D.** "Effective communication strategies, including visualizations." Council of Connecticut Academic Library Directors.

Martin E, McKelvy D, **Garcia-Milian R, Batten J.** "Past, present, and future: reflections from NAHSL members." 2024 North Atlantic Health Sciences Libraries Conference.

**Nyhan K.** "Effective literature reviews." Malaysia Implementation Science Bootcamp.

**Nyhan K.** "How to write effective literature reviews." MoVE-Kaz 2024 Implementation Science Bootcamp.

Parker R, Ross-White A, Rethlefsen M, **Grossetta Nardini H, Batten J, Nyhan K.** "Peer review unmasked: the invisible labor of librarians in shaping evidence synthesis publications." Global Evidence Summit 2024.

2025

Asch R, **Garcia-Milian R**, Hernandez-Martin N, Cai ZX, Esterlis I. "Sex-differences in molecular and synaptic mechanisms contributing to stress-related pathology: insight from a synaptic density pet and proteomic study in rats." Annual Conference on Society of Biological Psychiatry.

**Brackett A**, Chung S, Jasmin H. "Unleashing leadership potential: leading from anywhere." Medical Library Association Annual Conference.

Burgard D, Delawska-Elliott B, **Jenkins E**, Ngow Z. "Hospital mergers & acquisitions: the current impact and future implications for library collections." Medical Library Association Annual Conference.

Burton J, **Garcia-Milian R, Jenkins E**, Kellermeyer L, Sender J. "From the cutting edge: emerging themes in collection development." Medical Library Association Annual Conference.

**Fertuzinhos S.** "Building bridges: collaborative bioinformatics training between Yale cores and the library." Yale University Library Research and Learning Showcase.

**Grafe, M.** "Do less harm: ethical questions for health historians." Roundtable at American Association for the History of Medicine Annual Conference.

**Grimshaw A.** "Reviewing the systematic reviews: a cross-sectional analysis of systematic review producers in MLA." Medical Library Association Annual Conference.

**Hadley C, Nance M.** "Drawing a crowd: reaching medical students through graphic medicine." (Poster Session). Medical Library Association Annual Conference.

**Haugh D.** "Enhancing asynchronous learning: implementing and impacting education through email courses in the medical library." Health Sciences Library Symposium, Navigating Health Information: Adapting to a Rapidly Changing Ecosystem.

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**Nyhan K.** "Inclusionary health and safety policies at 'post-pandemic' library and archives conferences." Symposium for Disability and Accessibility at Yale.

**Nyhan K.** "The literature of public health pedagogy: A bibliographic study and network analysis." (Poster Session). Yale Medical Education Day.

Saeed S, Gomez P, **Nance M**, Reisman A, Ostfeld-Johns S. "A pilot initiative in graphic medicine: exploring student participation in a medical comic book club." (Poster Session). Yale Medical Education Day.

## ACKNOWLEDGMENTS

**Vasean Daniels** in "Scanning for representation: a scoping review of racial and ethnic diversity in MRI studies of the maternal brain." *Cold Spring Harbor Laboratory*.

**Sofia Fertuzinhos** in "Ezrin drives adaptation of monocytes to the inflamed lung microenvironment." *Human Genomics*, 18: 67.; "Growth characteristics of HCT116 xenografts lacking asparagine synthetase vary according to sex."



Lead Library Services Assistants Vasean Daniels (left) and Vermetha Polite (right) are part of the invaluable team that supports evidence synthesis research teams. Among other work, they process interlibrary loans and track down obscure full-text articles to ensure project rigor.

*Photo: Holly Grossetta Nardini*

Kate Nyhan and Holly Grossetta Nardini coauthored the first randomized controlled trial exploring the impact of librarian peer review on the quality and reporting of evidence synthesis manuscripts. Led by Melissa Rethlefsen, this study leveraged the “Librarian Peer Reviewer Database” to identify librarian reviewers for 200 systematic review manuscripts submitted to BMJ, BMJ Medicine, and BMJ Open. The Database was founded by Kate, Holly and Melissa in 2020 and is maintained by the Yale Medical Library as a tool for journal editors to find experienced librarians to review evidence synthesis manuscripts.

**Victoria Helwig** in “Bleeding definitions in pediatric extracorporeal membrane oxygenation (ECMO) studies: a systematic review and meta-analysis.” *ASAIO Journal*; “Accuracy of home blood pressure monitoring in youth: a systematic review and meta-analysis.” *The Journal of Pediatrics*, 284: 114633; “Trauma-related psychopathologies after extracorporeal membrane oxygenation support: a systematic review and meta-analysis.” *Perfusion*.

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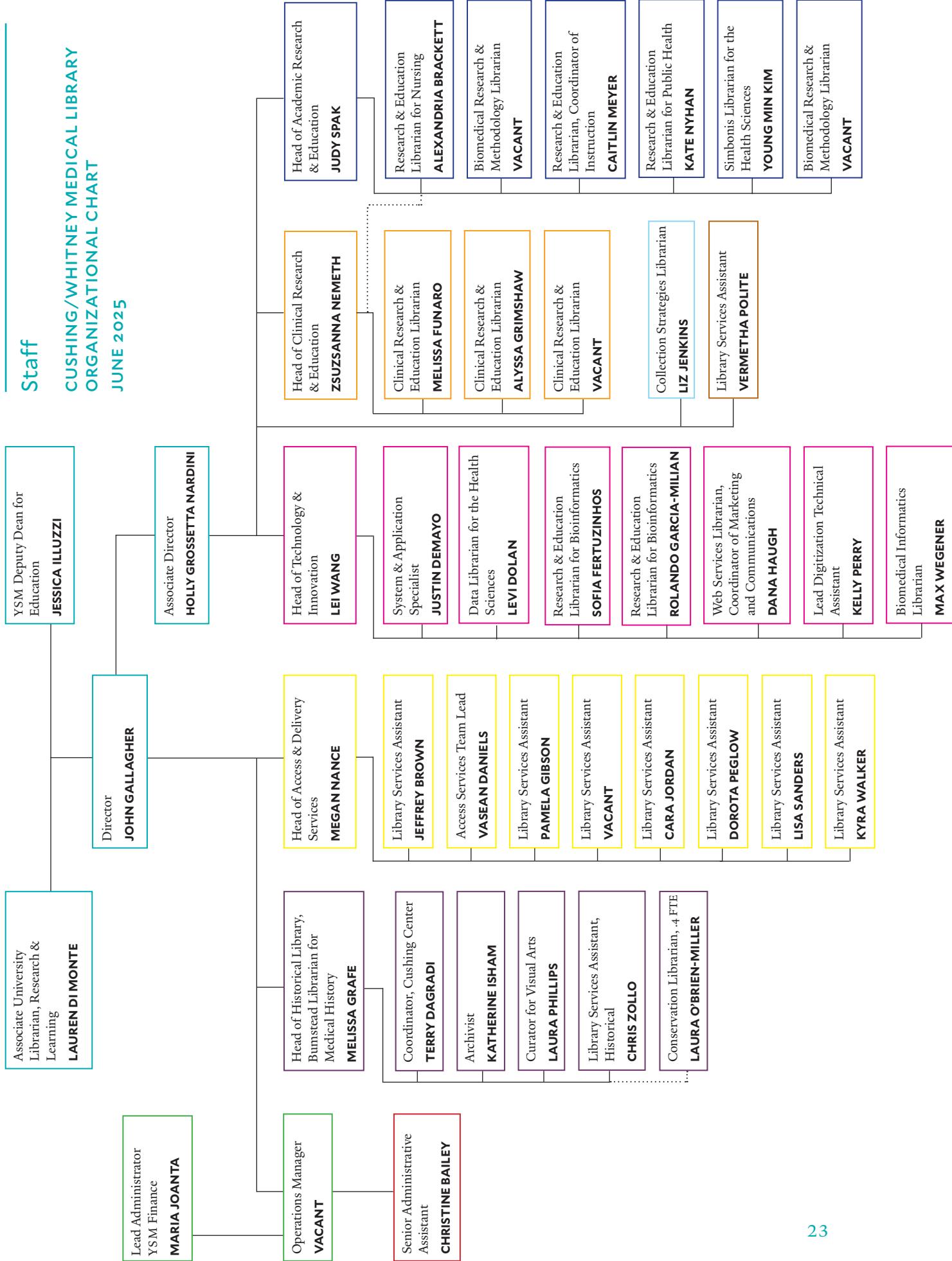
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Medical Library staff members

*Photo: Terry Dagradi*

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