

Galter Health Sciences Library & Learning Center 2016 Annual Report





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EXECUTIVE SUMMARY



Since 1859, Galter Health Sciences Library has served as a trusted partner for Northwestern Medicine and has fulfilled its role as an anchor for the university's medical community.

Today, faculty physicians and researchers, administrators, students, and alumni increasingly depend on Galter Library to advance their information and data needs.

Over the past year, Galter Health Sciences Library continued to improve on what it does best: supporting the clinical, education, and research mission of Feinberg School of Medicine. We introduced several new services and support models that build upon our premier suite of services—teaching in the curriculum, publication support, and public access compliance.

Notable highlights include:

- DigitalHub: Northwestern Medicine's institutional repository
- Research and impact evaluation through the Metrics and Impact Core
- NIH Biosketch consultations
- Clinical informationist services
- Systematic review support and collaboration

Fiscal Year 2016 was a stellar year for the library, setting the stage for the library's next phase of support for the Feinberg School of Medicine mission.



BY THE NUMBERS

1,256

Interlibrary loan
transactions

136,000

Library visits

1,617,205

Web page views

1,936

Library workshop
attendees

8,945

File uploads to
DigitalHub

50+

NIH Biosketch
consultations

CLINICAL

Clinical informationist makes the rounds

Providing relevant and timely information at the point of need has been a fast-evolving goal at Northwestern Medicine, and Galter librarians are leading the charge.

Since joining the library staff in July 2015, Jonna Peterson, Senior Clinical Informationist, has been working with rounding teams on a weekly basis.

Jonna attends morning report and accompanies teams on their rounds. During rounds she answers information queries on the spot and performs in-depth research later, when necessary.

In FY2016, she rounded 62 times with over 40 different patient care teams. Due to the success of these services, Galter Library has hired a second clinical informationist, Corinne Miller, to support information needs in clinical settings.



Jonna Peterson, Senior Clinical Informationist

EDUCATION



Computational Skills for Informatics workshop series

Northwestern University Information Technology Research Computing, Galter Health Sciences Library, and Northwestern Clinical and Translational Sciences Institute hosted the Computational Skills for Informatics (CSI) workshop series.

The workshops share information on topics relevant to bioinformatics and large dataset management and computation. **Pamela Shaw**, Biosciences & Bioinformatics Librarian, organized the popular series that was offered again in Fall 2016.



Putting “health” into the “Health Sciences Library”

As part of Feinberg School of Medicine’s #NorthwesternWellness initiative, the Augusta Webster Office of Medical Education and Galter Library partnered to put the “health” into “health sciences library.” Two treadmill desks and a bike desk are now available to students. A Feinberg School of Medicine alum, a strong supporter of student wellness, donated the equipment.

The library also hosts weekly yoga sessions in one of its Level 2 reading rooms.

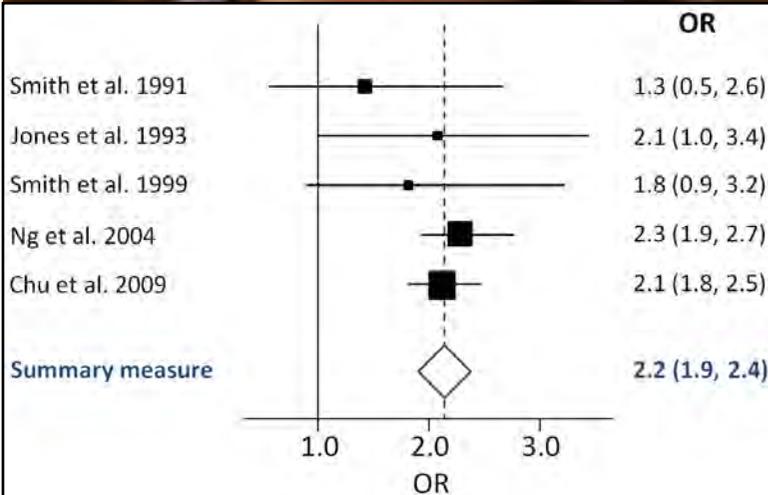
RESEARCH



NIH public access compliance

The library continued its support of the NIH Public Access Compliance policy with the leadership of Pamela Shaw, Bioinformatics and Biosciences Librarian in the role of the university's compliance monitor. She helps researchers navigate the often convoluted process of making sure NIH-funded research is compliant and funding will continue uninterrupted.

Since Pamela's stewardship, the 12-month compliance rate at Feinberg School of Medicine has improved from from 91% to 94% and the 5-year rate from 94% to 98%.



Forest plot image by James Grellier - Own work, CC BY-SA 3.0, <https://commons.wikimedia.org/w/index.php?curid=10253357>

Systematic review support explodes

There has been a significant increase in the publication of systematic reviews over the past decade. At Feinberg, Galter librarians are at the forefront of review publication support. Several librarians have completed continuing education training on systematic review methods. Galter also offers in-depth systematic review services and in FY2016, collaborated on over 30 systematic review projects with FSM faculty and researchers from across the globe. This included reviews produced or supported by the Cochrane Heart Group U.S. Satellite, based at Feinberg.

See Staff Publications for the latest systematic review collaborations with Galter librarians.

RESEARCH



NIH biosketch support proves to be a hit

In 2015, Galter Library offered the class, How to Prepare a New NIH Biosketch. The response was overwhelming, telling us that this topic had clearly challenged the FSM community!

While the NIH Biosketch requirement is over a year old, and no longer new to most researchers, that hasn't diminished the demand for assistance in how investigators craft their contributions. During a consultation, librarians help investigators use SciENcv and My Bibliography, provide advice for best illustrating their impact, and come up with interesting ways to describe their contributions and capabilities.

The Metrics and Impact Core takes off

The Metrics and Impact Core (MIC), housed in Galter Library, has expertise in bibliometrics, data visualization, continuous improvement, information systems, and alternative metrics. The core provides extensive advisory services for researchers, groups, or departments on topics such as: developing successful publishing strategies; managing or tracking publications; maintaining an impactful online identity; measuring or assessing research impact by discipline; and communicating research impact to specific audiences. MIC uses a wide collection of resources to provide services for:

- Researchers or clinicians to demonstrate impact of published works to promotion or tenure committees or funding agencies
- Research groups/institutions/departments to discover how research findings are being used to promote science, or an overall view of research publications and outputs by a specific group

CROSS-MISSION HIGHLIGHTS

Galter Health Sciences Library launches digital repository for scholarly outputs

DigitalHub provides a portal for making the scholarly output of Northwestern Medicine faculty and scientists publicly available, and also provides a means to track views and downloads. The repository can accommodate a wide array of scholarly products, such as published or unpublished research papers, conference presentations, educational materials, case reports and technical reports, open access books, datasets, and more.

DigitalHub offers users several key benefits, including:

- A persistent, citable identifier (DOI)
- Metrics and download tracking for deposited items
- Management of licensing with a wide range of rights statements
- Enhanced discoverability with machine-readable metadata

Alma upgrade streamlines library processes

In July 2015, Galter and the other Northwestern University libraries upgraded their existing enterprise-wide library management software to consolidate, optimize and extend the range of library services for our users. This was the largest enhancement of library systems in the last 15 years. Following the upgrade in technology, our staff continues to learn more about the new system and find opportunities to improve and streamline our processes to serve our patrons better.

CROSS-MISSION HIGHLIGHTS

Liaison librarian support more robust with the addition of new librarians

Galter Health Sciences Library has designated liaison librarians who act as primary contacts between the library and academic departments, institutes, centers, and educational programs. Liaison librarians can help with research proposals and in-depth systematic review support, can assist with NIH Biosketches and communication of research impact, and can make an investigators work more discoverable.

- ▶ In FY 2016, Galter librarians led 267 education events, reaching 2774 people
 - ▶ 155 liaison transactions, reaching 1893 people
 - ▶ 38 curriculum-related events, reaching 1429 students
 - ▶ 146 by request classes and consultations, reaching 1683 people

With the addition of four new librarians: **Jonna Peterson**, Senior Clinical Informationist; **Corinne Miller**, Clinical Informationist; **Eileen Wafford**, Research Librarian; and **Patty Smith**, Research Librarian, Galter Library has increased its reach and support for departments and centers at Northwestern Medicine.



Jonna Peterson
Senior Clinical Informationist



Corinne Miller
Clinical Informationist



Eileen Wafford
Research Librarian



Patty Smith
Research Librarian

SPECIAL COLLECTIONS EXHIBITS

Opening Doors: Contemporary African-American Surgeons

Through a partnership between the Office of Diversity and Inclusion and the Galter Health Sciences Library at Northwestern University Feinberg School of Medicine, this exciting exhibit was on display at Feinberg School of Medicine in March-April 2016. The exhibit celebrated the contributions of African American academic surgeons to medicine and medical education.

Special Collections exhibits

The Opening Doors exhibit is just one example of how the library highlights historical perspectives and shows us that current biomedical innovation was made possible by the contributions of those who have gone before us. Galter Library's Special Collections excels at reminding Feinberg of its roots and how far we, as an institution, has come. Exhibit subjects in the past year ranged from Friedrich Accum, a pioneer of the movement questioning the healthfulness of processed foods, to the history of Northwestern's School of Pharmacy. Exhibits included:

- From the Library Vault: "There is death in the pot"
- The School of Pharmacy of Northwestern University (1886-1917)
- Let Food be Thy Medicine
- Student Life and Chicago Buildings



DONATIONS TO THE LIBRARY

One million dollar donation from Margaret Winston, MD

In FY2016, the medical school received an estate gift of over \$1 million from class of 1952 medical alumna Margaret Winston, MD, to support the Galter Health Sciences Library. While her philanthropy was always anonymous in life, Dr. Winston has allowed her generosity to be made public after her death. Dr. Winston passed away in 2014.

Dr. Meryl Haber recurring gift

Dr. Haber's donation goes to the preservation of biomedical heritage and special collections restoration projects.

Other notable donations

- The Galter Foundation – recurring annual gift
- Sharon Kantor Bogetz
- Charles Maseredjian, D.D.S. - Gift to Galter Health Sciences Library, G.V. Black Room; member of the class of 1966; for the preservation of biomedical heritage and special collections restoration projects



Margaret Winston, '52
MD, '52 GME

2016-2017 PLANS

New training opportunities

- Scientific Writing and Publishing Retreat (Summer 2017)
- Research Dissemination guide
- Enhanced support services for centers & institutes
- Bibliometrics and Scientometrics for Research Evaluation in collaboration with Leiden University's Centre for Science and Technology Studies (CWTS) (Summer 2017)

New research data core

- Data Scientist joining the Galter team
- Enhancement of data-related projects, training, and consultation services
- Support for Open Science best practices
- Data management support service

Digital projects

- Enhancements to DigitalHub
- Digitization and preservation initiatives
- Enhancements to content access and a new website

STAFF ACCOMPLISHMENTS

Employee of the Year nominee

Pamela Shaw, Biosciences & Bioinformatics Librarian, received recognition for her incredible contributions to the Northwestern University community with a nomination for Northwestern University's 2016 Employee of the Year. Pamela has stepped up in many extraordinary ways over the course of her 16+ year career at Northwestern University, and this commitment and dedication to Northwestern University only grows stronger.

2016 FORCE11 Travel Fellowship

Karen Gutzman, Impact and Evaluation Librarian, received the 2016 FORCE11 Travel Fellowship (The Future of Research Communications and e-Scholarship). FORCE11 is a community of scholars, librarians, archivists, publishers and research funders that has arisen organically to help facilitate change toward improved knowledge creation and sharing.

Travel Grant to 2015 Digital Library Forum (DLF)

Jonathan Shank, Acquisitions and Electronic Services Librarian, received a travel grant to the 2015 DLF Forum in Vancouver, BC. The purpose of these grants is to extend the opportunity to attend the DLF Forum to two library professionals who would not typically be able to go, but who can envision and articulate a connection with their ER&L-related work and who see great value in building a dynamic and diverse peer network.

Service Excellence Award

Anton "Tony" Olson, Cataloging Librarian, was the recipient of a Northwestern University Service Excellence Award. Tony has been with the Galter Health Sciences Library for more than 40 years. He is instrumental for the operations of the technical services workflows and collaborates with the Northwestern University Library on work related to catalog and search display of all materials we own and license. His attention to detail and his commitment to provide access to all of the resources we own is exemplary. He goes above and beyond on tracking every single resource and makes sure it is available to our users immediately.

Collaboration with the National Library of Medicine

Kristi Holmes, Director of Galter Library, served on the NLM Strategic Planning Committee addressing "NLM's Role in Advancing Biomedical Discovery and Translational Science," the Expert Review Panel for the NLM/NNLM Bioinformatics Education Working Group, and the NLM Biomedical Library & Informatics Review Committee.

STAFF PUBLICATIONS

Peer-reviewed papers and systematic reviews

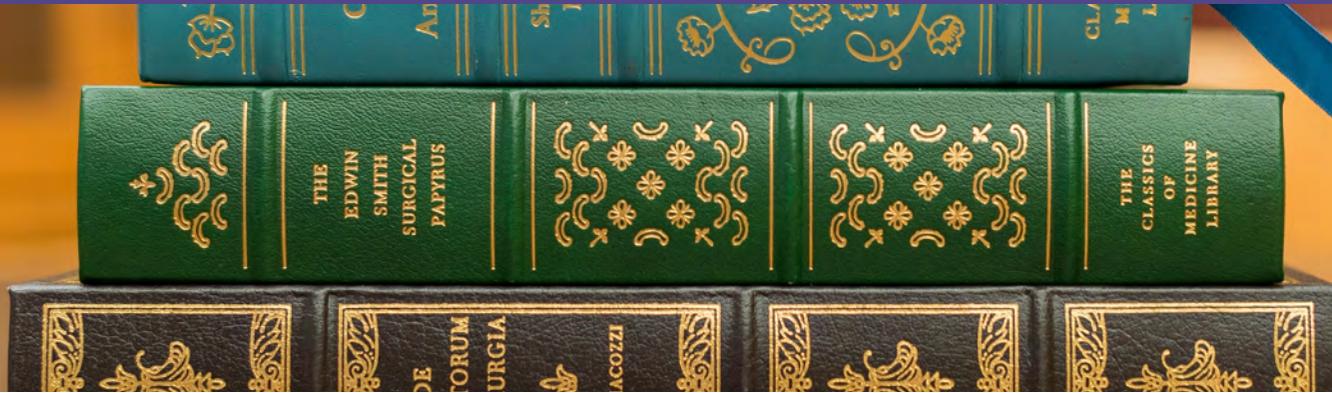
- Huffman MD, Karmali KN, **Berendsen MA**, Andrei AC, Kruse J, McCarthy PM, Malaisrie SC. Concomitant atrial fibrillation surgery for people undergoing cardiac surgery. *Cochrane Database Syst Rev*. 2016 Aug 22;(8):CD011814. doi:10.1002/14651858.CD011814.pub2. Review. PubMed PMID: 27551927.
- Karmali KN, Lloyd-Jones DM, **Berendsen MA**, Goff DC Jr, Sanghavi DM, Brown NC, Korenovska L, Huffman MD. Drugs for Primary Prevention of Atherosclerotic Cardiovascular Disease: An Overview of Systematic Reviews. *JAMA Cardiol*. 2016 Jun 1;1(3):341-9. doi: 10.1001/jamacardio.2016.0218. PubMed PMID: 27438118.
- McNamara DA, Goldberger JJ, **Berendsen MA**, Huffman MD. Implantable defibrillators versus medical therapy for cardiac channelopathies. *Cochrane Database Syst Rev*. 2015 Oct 7;10:CD011168. doi: 10.1002/14651858.CD011168.pub2. PubMed PMID: 26445202.
- McHugh M, Maechling CR, Dunlop DL, **O'Dwyer LC**, French DD, Khare RK, Nannicelli AP, Brown AR, Holl JL. Employer-Led Efforts to Improve the Value of Health Spending. *Am J Accountable Care*, published online March 2016
- Morean DF, **O'Dwyer L**, Cherney LR. Therapies for Cognitive Deficits Associated With Chemotherapy for Breast Cancer: A Systematic Review of Objective Outcomes. *Arch Phys Med Rehabil*. 2015 Oct;96(10):1880-97. doi: 10.1016/j.apmr.2015.05.012. Epub 2015 May 28. PMID: 26026579
- Newman MW, **O'Dwyer LC**, Rosenthal L. Predicting delirium: a review of risk-stratification models. *Gen Hosp Psychiatry*. 2015 Sep-Oct;37(5):408-13. doi: 10.1016/j.genhosppsych.2015.05.003. Epub 2015 May 20. PMID: 26051015
- Matthews LR, **O'Dwyer L**, O'Neill E. Intrauterine Device Insertion Failure After Misoprostol Administration: A Systematic Review. *Obstet Gynecol*. 2016 Nov;128(5):1084-1091.

STAFF PUBLICATIONS

Professional library publications/international collaborations

- National Information Standards Organization. (2016). Outputs of the NISO Alternative Assessment Metrics Project. [Recommended Practice RP-25-2016]. Retrieved from <https://goo.gl/n7JV2z>. (**Kristi Holmes** Co-Chair, Output Types and Identifiers Altmetrics Workgroup)
- **Ilik V.** (2015). "Distributed Person Data: Using Semantic Web Compliant Data in Subject Name Headings," in *Conference Proceedings*, edited by Aida Slavic and Maria Inês Cordeiro, International UDC Seminar, Classification and Authority Control: Expanding Resource Discovery. (pp. 53-65). Würzburg: Ergon Verlag.
- **Holmes KL.** "Libraries Supporting the Translational Science Spectrum." In: *Translating Expertise: The Librarian's Role in Translational Research*. Ed. Marisa Conte. 1st ed. New York: Rowman & Littlefield Publishers, 2016.
- Sarli CC, Suiter A, **Holmes KL.** "Capitalizing on Serendipity: Parlaying a Citation Report into a Publishing and Evaluation Support Program." In: *Translating Expertise: The Librarian's Role in Translational Research*. Ed. Marisa Conte. 1st ed. New York: Rowman & Littlefield Publishers, 2016.
- **Shaw, PL.** "Bioinformatics projects with the Clinical and Translational Sciences Institute: Building success step by step." In: *Translating Expertise: The Librarian's Role in Translational Research*. Ed. Marisa Conte. 1st ed. New York: Rowman & Littlefield Publishers, 2016.
- **Gutzman, KE.** "Research impact assessment." In: *Translating Expertise: The Librarian's Role in Translational Research*. Ed. Marisa Conte. 1st ed. New York: Rowman & Littlefield Publishers, 2016.

TESTIMONIALS



. . . patient and utterly unflappable . . . gracious and unstinting in the sharing of your expertise. . . [an] exemplary model of service to the medical school faculty community. Overall, [your] service represents the realization of the ideal of a collaboration between information specialists at Galter and those who are attempting to provide the highest level of patient care whether through medical research or direct service delivery.

- Eliezer Margolis, Retired Professor of Psychiatry

Thank you so much! I really appreciate your help. I have a missing part of my father's history.

- Janet White Schnitz, Daughter of NUMS (1951) alumnus

I was thoroughly impressed with your edits [on my NIH biosketch]. I just wanted to thank you both again for your help and let you know how much I appreciated your assistance.

- Kunal Karmali, MD, MS, Division of Cardiology

Thank you so much. This is really awesome to see his class portrait . . . it makes me feel a bit more connected to him as an individual. Especially seeing an image of him in the same phase of life that I am now makes him somehow relatable.

- Jeremiah Lamb, Grandson of alumnus (class of 1946)

The library personnel gave me an excellent support they provided me timely and helpful advice regarding the process and let me know all the important information I needed . . . the librarians were sensitive to my needs and therefore I am very thankful to the caring approach and professionalism of that was given to me. We should be proud that we have such personnel in our Library!

- Ram Yogev, MD, Professor of Pediatrics in the Division of Infectious Diseases



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