

LAMAR SOUTTER LIBRARY ANNUAL REPORT 2016-2017



INTRODUCTION

A LETTER FROM THE LIBRARY DIRECTOR

As we welcome a fresh academic year it's energizing to see new faces, greet old friends, and feel the renewed energy in the air. FY17 brought many changes to the Lamar Soutter Library, including my appointment as the interim director in September 2016, which became permanent in June 2017. In the following pages you will see the librarians and staff of the Lamar Soutter Library continue to excel in service and learning throughout the year.

In FY17 there was an expansion of numerous services including the systematic review and personal librarian program, as well as growth in the size and scope of the institutional repository, to name a few. Going forward, the library staff will endeavor to continue to respond to the needs of the community and contribute our skills and expertise as appropriate and requested. Library services will continue to focus on collaboration, education, and support for the clinical and research work of the University and its clinical partners. I am honored to be leading the librarians and staff of the Lamar Soutter Library and looking forward to the coming year.

Mary Piorun, Ph.D.
Director of Library Services
Director, NNLM NER



[Mary Piorun, PhD](#)

“staff ...
continue to
excel in service
and learning”

MISSION

We exercise leadership in the development and delivery of information resources and services that are complementary to and inseparable from the University of Massachusetts Medical School, University of Massachusetts Memorial Health Care, and the University of Massachusetts System.



HOUSE LIBRARIANSHIP

Medical education today is interactive, participatory, and community-based. The librarians at the Lamar Soutter Library work in collaboration with faculty, students, and information technology professionals in applying innovative approaches to medical, nursing, and biomedical education. Quality librarianship at University of Massachusetts Medical School (UMMS) starts with responding to reference questions, providing bibliographic instruction, participating on systematic review teams, and supporting faculty and students involved in medical education. The librarians go beyond these foundational services by partnering with faculty to provide students with lifelong learning tools to enhance their clinical and research skills throughout their career.

School of Medicine students are members of one of six Learning Communities or “Houses”. The learning communities are overseen by faculty members who act as advisors, teachers, and career development coaches. Each learning community includes a House Librarian who teaches students about evidence-based medicine, the vast suite of electronic resources available to the UMMS community, and research methods. The social and academic Houses foster continuity of teaching and mentoring relationships with faculty, librarians, and peers.

House Librarians assist students throughout their medical education by answering questions such as help getting access to a particular article, setting up an Inter-Library Loan account, and obtaining information on bibliographic management tools like EndNote. Medical students become comfortable using the library and using the resources available to further their medical education and research.

House Librarians interact with students as they conduct foundational research for their Capstone projects. The Capstone project can take many different forms, from a traditional research paper to a community outreach project to an artistic expression of medical education. Regardless of format, the Capstone must consist of a scientific foundation, guided by evidence, and grounded in a fundamental understanding of the literature.

LIBRARIANS SUPPORT 3rd YEAR FLEXIBLE CLINICAL EXPERIENCE

The Library has developed two FCE courses for 3rd year students consideration. FCE 3017 Research Data Management Fundamentals provides an overview of the basic principles and best practices for data management, with a focus on data lifecycle planning, security and ethics, organization and documentation, and data sharing. FCE 3043, Introduction to Graphic Medicine, is the intersection between the medium of comics and the discourse of healthcare. One of the goals of the course is to distinguish how graphic medicine relates to narrative medicine and the role each can play in building empathy.

“Having an FCE with a library component has been incredibly helpful. The input, availability, and expertise of the library staff has been invaluable in helping to streamline my work and make what is a limited time for research more impactful and meaningful.”
(Samuel Goldman)

PROMOTING EVIDENCE-BASED MEDICINE

The Education and Clinical Services Department at LSL, along with our clinical partner UMass Memorial Health Care (UMMHC), support the education and research needs of residents, fellows, clinical faculty, and clinical researchers. Librarians are assigned to many of the clinical departments. This facilitates communication between the library, clinical faculty, residents, fellows, and students. Librarians play a critical role in promoting evidence-based medicine in the clinical departments. Librarians at LSL are currently assigned to the Surgery, Family Medicine, Internal Medicine, Psychiatry, Emergency, Neonatal Intensive Care Unit (NICU), and Neurology Departments. We also work with Nurse Educators and researchers at the Graduate School of Biomedical Sciences (GSBS). We welcome the opportunity to work with additional groups.

One example of using evidence-based medicine in practice is at Surgery Morning Report. During Morning Report, surgery residents present cases they have seen by sharing challenging cases and lessons learned. They also present ongoing cases in order to obtain advice on how to proceed in the patient's post-surgical care and treatment. Clinicians and librarians both benefit from these partnerships, and the work they do together contributes to providing care that is constantly being updated and informed by evidence-based resources.

The librarian's role during the meeting is to investigate any topic that didn't have a clearly defined answer or was debated, and find evidence-based resources to answer or resolve the topic. Examples of these topics include: can a particular drug be used for off-label purposes or what is the outcome of a procedure for certain populations.



Education and Clinical Services Librarians

[Victoria \(Tori\) Rossetti, MSLIS](#), [Catherine Carr, MLIS](#), [Leah Honor, MLIS](#)

MEASURING RESEARCH IMPACT

Measuring research impact is important for individual researchers, academic departments, and the research institution as a whole. Research impact is a factor in promotion, a measurement of departmental success, a way to justify awarding of additional research funding, and one method of evaluating the overall success of a research institution.

There are several different ways to measure impact. Citation-based metrics are the traditional benchmarks for success in academia. These metrics include total number of publications, citation counts, the Hirsch index (h-Index), and Journal Impact Factors. Evolving research impact measures include electronic page views, download counts, social media mentions, and saves. These article-level digital impact measures along with citation-based metrics provide a more complete understanding of scholarly impact of an individual, department, or institution.

The Lamar Soutter Library (LSL) at University of Massachusetts Medical School (UMMS) subscribes to SciVal to analyze research impact. SciVal is a research analytics tool which uses bibliographic data from the Scopus database. SciVal aggregates scholarly impact data and supports the ability to benchmark individual researchers, groups of researchers, and institutions based on a variety of metrics, and expose trends in scholarship.

In 2016, the LSL's Research and Scholarly Communication Department used SciVal to prepare a research performance report for the Department of Pediatrics (see graph on the next page). As part of this project, the publications for all departmental faculty for a three-year period (2013-2016) were collected into SciVal. SciVal produced summary metrics (total number of publications, total citations, field-weighted citation impact, average citations per publication, and subjects) as well as detailed metrics on publication (for example, the number of outputs in top percentiles for citations and journals), citation (for example, the number of citations per year), and authorship. This information can help the department identify their strengths and weaknesses and set goals and benchmarks for the future.

Research performance reports are just one example of the research impact services the library provides. We also help people identify their h-indices, create co-authorship network visualizations, and provide education and outreach on measuring research impact. In addition, in 2016 we began the process of bringing in data from Altmetric.com, an article-level metrics provider. More services to come!



[Rebecca Reznik-Zellen, MSLIS](#) is available to answer your questions about how to measure the impact of your research.

TALKING ABOUT GRAPHIC MEDICINE

Graphic Medicine considers the relationship between the discourse of healthcare and the medium of comics. In his first year, library fellow Matthew Noe created a Graphic Medicine collection in the library, and he was awarded a grant from the Gold Foundation on Mapping the Landscape to study the uses and potential impacts of graphic medicine as currently understood in professional literature. He has made multiple presentations on graphic medicine at University of Massachusetts Medical School (UMMS) and throughout the United States at professional conferences, workshops, and via the Web.

Matthew also offered a Flexible Clinical Experience (FCE) on Graphic Medicine and Health Literacy with Len Levin, Head of Education and Clinical Services, and John Trobaugh, an artist and Diversity Specialist from the UMMS Diversity and Inclusion Office. The FCE is an intensive one-week course for third-year medical students and gives them an opportunity to explore areas of interest not part of the curriculum. It is also an opportunity for library staff to participate in the education of students in new and innovative ways. The class included an Introduction to Health Literacy, overview of Narrative and Art Theory and Structure, and plenty of time for discussion, drawing, and presenting to the group.

SUPPORTING PUBLIC HEALTH

The National Public Health Coordination Office (NPHCO) completed its first year as a provider of health information resources to public health departments. With a national scope, NPHCO is charged with selecting and managing evidence-based information resources delivered throughout public health department intranets. Public health departments combine their funding, paying for licensed products. NPHCO also provides an educational curriculum with in-person and online instruction towards using resources in evidence-based practice. Operating as a demonstration project since 2010, the National Library of Medicine (NLM) established NPHCO as a formal program to manage the Public Health Digital Library (PHDL).

This year, five new public health departments joined 19 returning departments to the program. In prior years, access to the licensed resources was supported by NLM. Having all but two departments enter into a payment model for access is a testament to the value of the program.

For health topics, Public health departments report seeking information resources on:

- Substance abuse prevention and treatment
- Sexual violence prevention
- Falls prevention
- Disaster preparedness activities, emerging diseases, and emergency medical services
- Communicable disease outbreaks and effective control measures

The program pairs participating public health departments with Partner Libraries from the National Network of Libraries of Medicine (NNLM) for delivery of articles not in the PHDL.

NATIONAL NETWORK OF LIBRARIES OF MEDICINE: NEW ENGLAND

In FY2016 the Lamar Soutter Library began the first year of a new cooperative agreement grant to serve as the Regional Medical Library (RML) in New England (NER) for the next five years (April 2016-May 2021). This is the fourth, 5-year contract the library has received from the National Library of Medicine. The NER office supports the National Network of Libraries of Medicine (NNLM) by serving health professionals and the public with timely access to health information. In the first year of this new cooperative agreement, the NER focused on the following major initiatives:

- *Focused Outreach* brings the relevant resources of the National Library of Medicine into a community. The process begins by conducting an inventory of local needs and ends with a systematic approach to identifying partners to help deliver content and improve overall health literacy in that community.
- *Communities of Interest* allow information providers to reflect and respond to changes and trends affecting health care, and provide relevant professional development opportunities. They are organized around three topics: Instructional Design, Emerging Roles, and Community Health Engagement.
- *Education and Training* activities across the region were both in-person and distance-based; 71 instructional sessions were conducted with 1,883 total attendees. Sessions include PubMed, MedlinePlus, consumer health topics, public health, and relevant technology issues. Through community engagement and health information training, funded projects extend the reach of the NER staff and contact numerous audiences such as health care providers, health educators, librarians, and community health workers.
- The NER *funding* program seeks to provide the resources needed for local libraries and community-based organizations to engage with their users to promote the National Library of Medicine's resources.

FUNDED PROJECT HIGHLIGHT

A project spearheaded by librarians at the University of New England (UNE) in Maine, funded during 2016-2017 by NNLM NER, entitled, "Empathy Learned Through an Extended Medical Education Virtual Reality Project", is using a virtual reality (VR) environment to immerse 1st year medical students in the experience of being 74-year-old patient, Alfred, who has macular degeneration and hearing loss. The goal is that by using a virtual reality experience, students will gain insights and a gateway into the world of an older adult, thereby supporting the model of person-centered care that is comprehensive and empathic toward older adult patients. Feedback from UNE students was incredibly positive. For example, in an open evaluation question, one student reported, "I loved this experience because I think it's an incredible step forward to incorporating technology into our curriculum and creating a fundamental understanding of some of the symptoms our patients may be experiencing." While 1st-year medical students will continue to participate in this program well beyond the original project, because of its success the VR experience is being expanded to other UNE campuses and other students, including Physician Assistant students, in a second NNLM NER funded year for the project.

eSCHOLARSHIP@UMMS

ONLINE SUBMISSION OF THESES AND DISSERTATIONS

In December 2016 the Lamar Soutter Library (LSL) and the Graduate School of Biomedical Sciences (GSBS) launched a new submission and approval process for electronic theses and dissertations at the University of Massachusetts Medical School (UMMS).

Students now electronically submit all theses and dissertations directly to eScholarship@UMMS, the medical school's open access digital repository of research and scholarship. A thesis or dissertation accessible through eScholarship@UMMS provides these benefits to students:

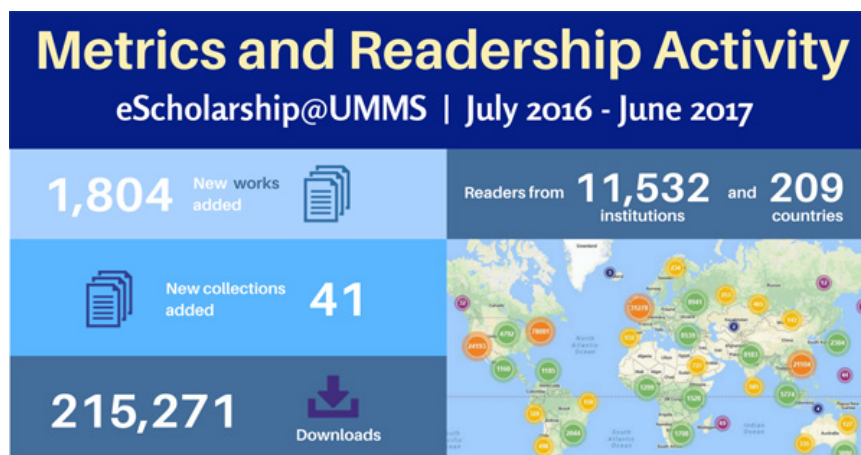
- Immediate exposure through Google and other search engines to maximize readership and impact of scholarship
- Dissemination to a wider audience and increased exposure potentially lead to earlier and increased citations
- Download statistics are available
- Permanent link, digital object identifier (DOI), and citation for inclusion on CVs
- Opportunity to share related research data publicly

Students have the option to assign embargoes and [Creative Commons licenses](#) to theses and dissertations, and will be asked to register for an [ORCID](#) researcher ID if they do not already have one. Binding the paper versions of theses and dissertations is no longer a UMMS requirement by the Graduate School or the Library.

Since GSBS's inception in 1979, these students have contributed hundreds of doctoral dissertations and master's theses to the field of biomedical science. The [GSBS Dissertations and Theses collection](#) makes this body of work accessible to our students, faculty, potential recruits, and the citizens of Massachusetts.



[Lisa Palmer, MSLS](#) is available to answer your questions about adding your scholarly works to eScholarship@umassmed.edu



NOTABLE COLLECTIONS IN THE ARCHIVE

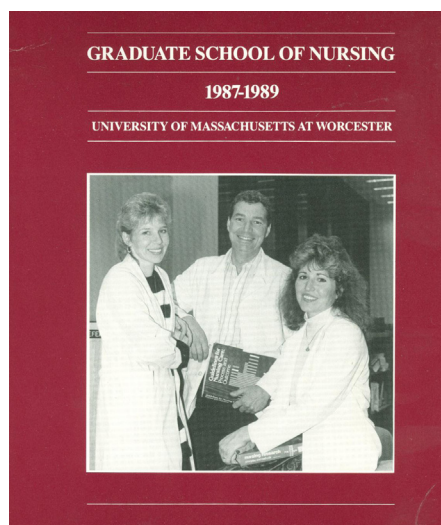
Worcester Foundation for Biomedical Research

The Worcester Foundation for Biomedical Research (WFBR) includes the working papers of Hudson Hoagland, Gregory Pincus, and Min Chueh Chang. These researchers made groundbreaking advances in the development of oral contraceptives and pioneering research on in-vitro fertilization. The collection contains annual and scientific reports, correspondence, financial reports, newspaper clippings, scientific publications, bound volumes, numerous photographs and ephemera created by or about Worcester Foundation for Experimental Biology or Worcester Foundation for Biomedical Research.



Graduate School of Nursing Papers

If you are interested in the history of nursing, the Graduate School of Nursing Papers collection is a great place to learn about the decision process in the creation of the Graduate School of Nursing program. This collection contains material relating to the establishment and development of the Graduate School of Nursing at the University of Massachusetts Medical School in Worcester, Massachusetts from 1982 through 2009. The collection consists of correspondence, reports, planning documents, publications, news clippings, and photographs that chronicle the activities of the Graduate School of Nursing community.



If you are a faculty member, researcher, student, or staff member involved in a groundbreaking project or have historical materials that you would like to donate to the Archives, please contact Archivist [Kristine Sjostedt, MSLIS](#) or at 508-856-2204 to obtain information about preserving your collection.

GRANTS AND SUBCONTRACTS

National Network of Libraries of Medicine, New England Region. NIH 5 UG4 LM012347-02, National Institutes of Health, National Library of Medicine, 5/1/16-4/30/21, \$7 million. Mary Piorun, Principal Investigator. Martha Meacham, Associate Director. To provide information, outreach, and resource sharing services to health professionals and consumers in six New England states.

National Public Health Coordination Office. Part of NIH 5 UG4 LM012347-02, National Institutes of Health, National Library of Medicine, 5/1/16-4/30/21, \$1.7 million & G60000000035637 - Prog Inc_NNLM_NE Region 8 - Digital Public Health Library, \$340,505 (FY17). Principal Investigator. Javier Crespo, Manager. To improve understanding and utilization of trusted evidence-based resources within Public Health Departments via a developed prototype digital library in order to expand PH Departments' access to national and global public health information.

Exposing the Deep Content of the Publication: Knowledge Extraction for Neuroimaging in Child Psychiatry. NIH 5 R01 MH083320-09, NIH-National Institute of Mental Health, 9/23/16-6/30/17, \$12,123. David N. Kennedy, Principle Investigator. Leah Honor, Informationist. The informationist supports the dissemination and implementation of a repository-based image citation schema meant to facilitate the precision and prominence of data citations, as well as helping to develop a framework for claims modeling and automated publication markup in order to more robustly interrogate not only the conclusions, but the underlying data and software tools presented in published research.

The Use and Efficacy of Comics in Healthcare: A Scoping Review in Graphic Medicine. Gold FDN/Noe/LR-16-008, Arnold P. Gold Foundation, 9/1/16-2/28/18, \$5,000. Matthew N. Noe, Principal Investigator. To understand the ways in which comics are currently being employed in healthcare settings – educational, clinical, and consumer – and what effects, if any, these practices have upon the physician, patient, and their collective experiences and health outcomes.

DONATIONS - THANK YOU!

Rosalie Wolf Collection: Rosalie S. Wolf, Ph.D. (1927-2001) Pioneer in the Field of Elder Abuse and Neglect. Dr. Wolf was a UMMS Assistant Professor of Family Medicine and Community Health, and an Executive Director of the Institute of Aging at UMass Memorial Health Care. After receiving her doctorate in social welfare with a concentration in aging, Dr. Wolf made important contributions to the field of geriatrics, particularly in efforts to bring international attention to the issue of elder abuse and neglect. This book collection features select and unique titles from Dr. Wolf's private library, generously donated by her family and the Department of Geriatrics.

Books: John Athans, M.D., Susan Nasif, Ph.D., Massachusetts General Hospital, Stephen Gehlbach, M.D., Stephen Fish, Dorothea Simmons, M.D., Rahul Nitin Sood, M.D., University of Massachusetts Office of Global Health

CULTURAL EVENTS

HUMANITIES IN MEDICINE

- Snowball in a Blizzard: A Physician's Notes on Uncertainty in Medicine, Readings & Book Signing by Steven Hatch, MD
- The Thirteenth Annual Gerald F. Berlin Creative Writing Award Ceremony & Readings, April 26, 2017, sponsored by Richard Berlin, MD; HIM Committee of the Lamar Soutter Library; and the Liaison Committee for Interprofessional Curriculum (LCIC) of the Office of Educational Affairs.



2017 Gerald F. Berlin Creative Writing Award Ceremony

From left to right: Richard M. Berlin, MD, Yevin Roh, Tiffany Chen, Laurel Dezieck, Supree-tha Gubbala, David Hatem, MD, Susan Tarrant

ARTIST IN RESIDENCE

- No Evil Project & The Photography of Troy B. Thompson, September 1 – October 31, 2016.
- The Beauty of New England, an art exhibit by Rose Wang, November 1 – February 24, 2017.
- Discovering Architecture: A Visual Exploration of Our Built Environment, a photography exhibit by Ryan Hacker, March 31 - July 28, 2017.

STUDENT EXHIBITS

- The Orlando Remembrance Exhibit, by Tiffany Chen and Eric Ding, Community Canvases, UMMS Student Group, August 31 – September 30, 2016.
- Assistive Technology: High-and Low-Tech Approaches to Accessibility Exhibit, by Miriam Madsen, MEng, MD/PhD student, sponsored by the Disability Sub-Committee of the Diversity and Inclusion Office's Committee on Equal Opportunity and Diversity; the Work Without Limits initiative of Commonwealth Medicine; and the UMMS Physical Medicine and Rehabilitation Interest Group of the Physicians Medical & Rehab Interest Group, October 5 – November 2, 2016.
- Love is Love, a collective community expressive art piece, presented by Tiffany Chen, Eric Ding, Jessica Long, and Haley Newman, Community Canvases, UMMS Student Group, November 24-Present.
- Capstone Scholarship & Discovery Project: Medical School: Photographs and Stories from Inside, by Andy Dowd, March 3- March 30, 2017.

LIBRARY COMMITTEE

Members: Bruce Barton, Ph.D. (Chair), GHS, Stephanie Carreiro, M.D., Emergency Medicine; Janet Hale, Ph.D., R.N., F.N.P., Graduate School of Nursing; Gang Han, Ph.D., Biochemistry & Molecular Pharmacology; Sarwat Hussain, M.D., Radiology; Yong Zhao, M.D., Medicine; Mary Piorun, Ph.D. (Non-Voting), Director of Library Services; Regina Raboin (Non-Voting), Associate Director of Library Services; Gregory Wolf (Non-Voting), CIO

Alternates: Catherine Dube, Ed.D., Quantitative Health Sciences; Joan Kheder, M.D., Medicine; Robert Weinstein, M.D., Medicine

Student Representatives: Emily Thornton, School of Medicine; Jason Yang, Graduate School of Biomedical Sciences

LIBRARY STAFF AWARDS

Matthew Noe: North Atlantic Health Sciences Libraries Association, Professional Development Award, MLA Travel 2017.

Rebecca Reznik-Zellen accepted as a participant in the second Data Science and Visualization Institute at North Carolina State University (April 2017).

PUBLICATIONS & PRESENTATIONS

Gutzman KE, Bales ME, Belter CW, Chamber T, Chan L, Holmes, KL, Lu YL, Palmer LA, Reznik-Zellen RC, Sarli CC, Suiter AM, Wheeler TR. Implementing the Vision: Making Research Evaluation Services a Reality. Paper presentation at the 2017 Medical Library Association Annual Meeting, Seattle, WA, May 2017.

Hall WC, Levin LL, Anderson ML. Language deprivation syndrome: a possible neurodevelopmental disorder with sociocultural origins. *Soc Psychiatry Psychiatr Epidemiol.* 2017 Jun;52(6):761-776. doi: 10.1007/s00127-017-1351-7. Epub 2017 Feb 16. <https://www.ncbi.nlm.nih.gov/pubmed/28204923>

Honor LB, Haselgrove C, Frazier JA, Kennedy DN. Data Citation in Neuroimaging: Proposed Best Practices for Data Identification and Attribution. *Front Neuroinform.* 2016 Aug 12;10:34. doi: 10.3389/fninf.2016.00034. eCollection 2016. Erratum in: *Front Neuroinform.* 2016 Oct 05;10:43. PubMed PMID: 27570508; PubMed Central PMCID: PMC4981598. <http://journal.frontiersin.org/article/10.3389/fninf.2016.00034/full>

Malachowski, MG. "Connecting Communities to Health". June 1, 2017. Presentation at the Rhode Island Library Association Annual Conference (2017) Smithfield, RI.

Continued on page 13

Noe, MN, Levin, L, Makowski, S, & Lund, K “The Use and Efficacy of Comics in Healthcare: A Scoping Review in Graphic Medicine”. Poster presentation at the Arnold P. Gold Foundation Mapping the Landscape, Journeying Together Symposium. May 2017.

Noe, MN & Levin, L, “Bibliotherapy: A Brief Tour of Mental Health Literature from Early Asylum Libraries to Graphic Novels”. Joint SALIS and AMHL Conference. May 2017. Paper presentation.

Noe, MN “Graphic Medicine: A Visual Narrative Approach to Health Literacy”. Poster presentation at the Wisconsin Health Literacy Summit. April 2017. Paper presentation.

Noe, MN “Comics and Medicine: Building Collections and Raising Awareness”. Poster presentation at the University of Massachusetts Medical School, Center for Clinical and Translational Sciences Symposium. February 2017.

Palmer LA, Heffernan K, Wilson L, Witt A. Coming Soon to ACRL/NEC: A New Open Access Repository for Conference Proceedings and Other Materials. Poster presentation at the 2017 ACRL New England Chapter Annual Conference, Burlington, VT, May 2017.

Palmer LA, Paterson J, Robertson WC, Stenberg ES. Mind the Gap: Curating Digital Commons Metadata for SHARE. Poster presentation at the ACRL 2017 Conference, Baltimore, MD, March 2017.

Palmer LA, Gore SA. Taking Flight to Disseminate Translational Research: A Partnership between the UMass Center for Clinical and Translational Science and the Library’s Institutional Repository. In: Conte ML, ed. Translating Expertise: The Librarian’s Role in Translational Research. Rowman & Littlefield; 2016: 175-185.

Raboin R, Goldman J, Palmer LA. Libraries on the Cutting Edge: The Evolution of the Journal of eScience Librarianship. Paper presentation at the 2017 Library Publishing Forum, Baltimore, MD, March 2017.

Reznik-Zellen, R. “Current Practices and Future Challenges in Metrics-Based Services.” Hunter Forum at ALA Midwinter. Atlanta, GA, January 2017. Presentation

Reznik-Zellen, R. and Goldman, J. “So Your Paper Is Non-Compliant: Understanding and Troubleshooting the NIH Public Access Policy” NAHSL Annual Meeting, New Haven, CT, October 2016. Presentation

Reznik-Zellen R, Palmer LA. A Sloth of Gummi Bears: Evaluating effectiveness of research data management instruction. Poster presentation at the 2017 University of Massachusetts and New England Area e-Science Symposium, Worcester, MA, April 2017.

Robertson WC, Palmer LA, Paterson J, Stenberg ES. Sharing IR Metadata with SHARE. Paper presentation at the NASIG 2017 Conference, Indianapolis, IN, June 2017.

Smith J, Moyryla J, Palmer LA, Manion M. Removing Barriers to Student Success: Open Education Efforts at Four UMass Campuses. Paper presentation at the 2017 UMass Academic Innovation Conference, Boston, MA, April 2017.

Vander Hart, R. Book review, “Linked Data for Cultural Heritage,” Journal of Web Librarianship: Vol. 11, no. 1 (2017): pp. 81-82. <http://dx.doi.org/10.1080/19322909.2017.1268513>

2017 Library Statistics and Finances



174,708
Library Visitors



1,249,357
Website Visits

6,102
Circulation
Transactions



81.5
Service Hours/ Week

Open 24/7 for
students,
residents and
faculty



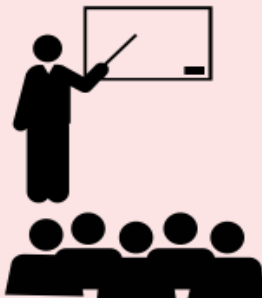
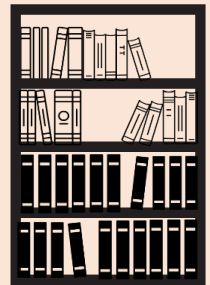
27.67 Staff

164,441
Print Volumes

5,187
Current
Subscriptions

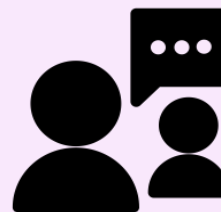


369
Databases



138
Education
Sessions

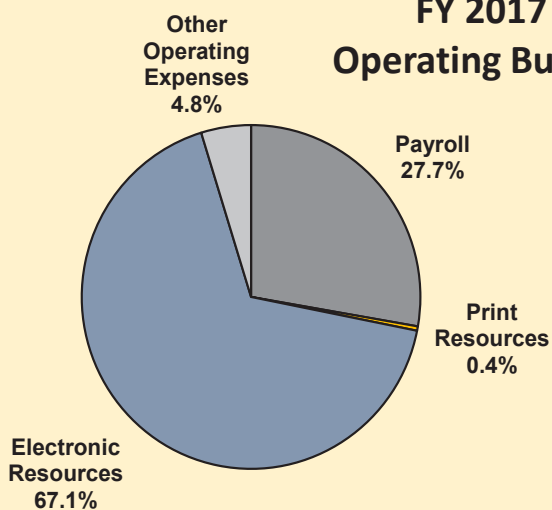
781 Students



28
Outreach
Sessions

165 People
Reached

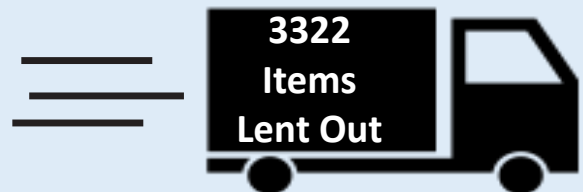
FY 2017 Operating Budget



Interlibrary Loans



783
Borrowed
Items



3322
Items
Lent Out