



# Lamar Soutter Library

## Annual Report Fiscal Year 2018

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### Mission Statement

To 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.



## Director's Message



The 2017-2018 fiscal year brought many changes to the [Lamar Soutter Library](#) (LSL). Shelving was removed from the first floor to open and brighten the space for students. New water dispensers were added throughout the Library. At the entrance, the gates were removed and there is a new electronic sign highlighting Library activities. These small changes make the Library more welcoming for our users to conduct research, study for exams, or meeting classmates and colleagues. What hasn't changed is the Library's support of the University in its mission,

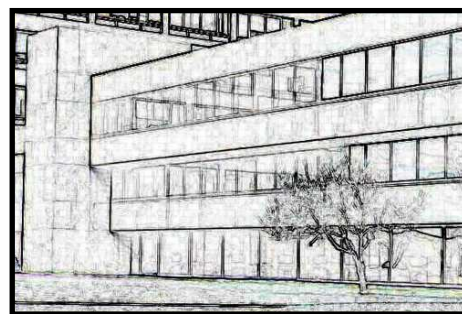
"to advance the health and well-being of the people of the Commonwealth and the world through pioneering education, research, and health care delivery with our clinical partner, UMass Memorial Health Care."

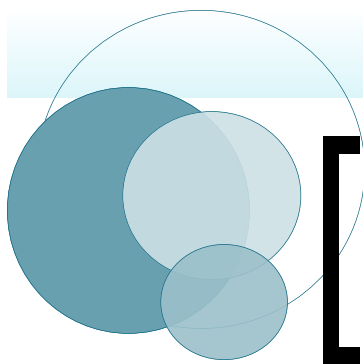
Our Librarians are educators, researchers, writers, and publishers with a wide range of specializations. They have developed active instruction and outreach programs to assist faculty, researchers, and students in the discovery, evaluation, and use of information resources. Our work with students teaches them how to critically and ethically use information. The Library's initiatives and resources support student success, helping students embrace scholarship, thereby preparing them to be thoughtful, inclusive, and engaged clinicians and researchers.

Throughout this Annual Report you will have the opportunity to read about the Library staff's numerous activities and achievements this fiscal year. I welcome your feedback and suggestions on how we may better serve your scholarship, teaching, and information needs.

**-Mary Piroun, PhD, Director, Library Services**

*The Lamar Soutter Library is located within the [University of Massachusetts Medical School](#) (UMMS) in Worcester Massachusetts. The Library was founded in partnership with the [Boston Medical Library](#) (BML) and the [Worcester District Medical Society](#) (WDMS). The Library is named after Dr. Lamar Soutter, Founding Dean of UMMS. Find us at <https://library.umassmed.edu>*





## Library Staff

### Lamar Soutter Library Staff (current)

**Administration:** Mary Piorun, PhD; Regina Raboin, MSLIS; Patricia Levenson, BSc

**Office of Medical History & Archives:** Kristine Sjostedt, MLS

**Circulation & Processing:** Vivian Okyere, MLS; Joe Guarini, MLS

**Education & Clinical Services:** Jessica Kilham, MLIS; Catherine Carr, MLIS; Leah Honor, MLIS; Nancy Linnehan; Victoria Rosetti, MSLIS

**Finance:** Marianne Siener, BA; Christine Escobedo, BA

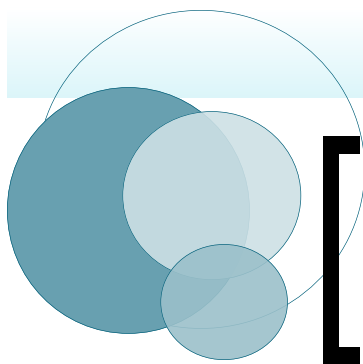
**National Network of Libraries of Medicine, New England Region:** Martha Meacham, MA, MLIS; Cheryl Lavallee; Karen Coghlan, JD, MS, MLIS; Sara Levin-Lederer, MPH; Susan Halpin, MEd; Margot Malachowski, MLS; Catherine Martin, MEd, Susan Army, BS

**National Public Health Coordination Office:** Javier Crespo, MLIS, MPA; Cecilia Vernes, MSLIS; Kathy Downing, MLIS

**Research & Scholarly Communications:** Sally Gore, MS, MSLIS; Lisa Palmer, MSLS; Tess Grynoch, MLIS

**Technology Initiatives:** Penny Glassman, MSLS; Robert Vander Hart, MA, MA





## Education and Clinical Services (ECS)

Libraries are a cornerstone of any community, and staff in the Education and Clinical Services (ECS) department have spent the last year reorienting our services and continuing to make meaningful connections within our community. Our focus on the end-user has refined how we communicate, connect, and provide services to our patrons.

### **Communication**

People on this campus are busy! Realizing this, we have harnessed the power of Twitter to share Library related topics and events with the community. Looking at the numbers, the Library has sent 609 tweets, had over 10,000 profile visits, and added 145 new followers in this fiscal year.

### **Education**

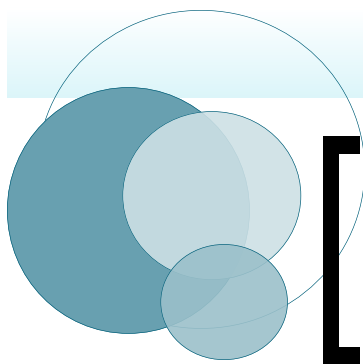
The overarching goal of the ECS department is to support the education, research, and clinical mission of the University. We do this by providing instruction on information literacy/evidence-based practice, conducting mediated literature searches used to advance patient care, and providing one-on-one help to students, faculty, and staff with their information needs. These personalized or classroom sessions range from locating full-text resources to refining research topics to exploring new information resources to help with a research need.

### **Embedded Librarianship**

Embedded librarianship is an opportunity to provide consistent research and evaluation support throughout a course or project. A pilot project with the [Graduate School of Biomedical Sciences](#) (GSBS) Clinical and Population Health Research course on systematic reviews presented itself as an opportunity to embed a librarian into the course. This was beneficial for both the students and instructor to have regular Library support, as well as for librarian Catherine Carr, MLIS, to understand and address the unique needs of each project as it evolved. While the students continue to contact Catherine for assistance, there has been an increase in new research requests due to the Library outreach.

### **Formal Evidence-Based Medicine (EBM) Instruction in the Family Medicine Clerkship**

In collaboration with the department of [Family Medicine and Community Health](#), LSL Librarians have been developing and teaching an Evidence-Based Medicine session for third-year medical students for over 20 years. The current instructors – Dr. Frank Domino, Dr. Alan Ehrlich, and Librarian Leah Honor, MLIS, spend the class helping students think about how to define their clinical questions, determine the best level of evidence needed, and critically appraise the literature for sources of bias, incomplete data, or conflicts of interest. As follow up, the students then choose a current practice or treatment they are familiar with from their clinical experiences and trace the evidence from background level, through clinical trials, and to systematic reviews and meta-analysis to determine what is the level of evidence-based practice.



## Education and Clinical Services (ECS)

### **Supporting our Clinical Partners**

ECS also supports the education and research needs of clinical faculty, residents, and fellows. LSL Librarians are involved in: Morning Reports, case presentations, and chart rounds. One role of the librarian during these sessions is to provide expedited literature searches in response to learning issues and to teach effective ways to navigate evidence-based medicine resources.

### **Graphic Medicine**

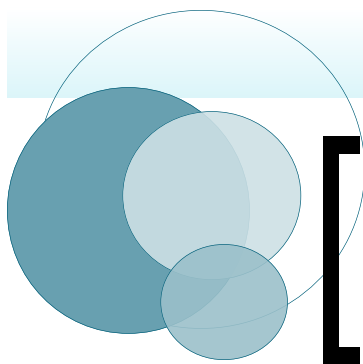
Graphic Medicine uses comics to convey meaning in a deeper way than images or words can do in order to overcome barriers to communication and understanding. Graphic Medicine has enormous potential to assist medical students in sharing their experiences in medical school and beyond, and help them to identify with their patients' medical experiences. This past year, the Graphic Medicine collection saw a circulation rate of over 57%. The Library continues to develop its Graphic Medicine collection and is developing additional programming to incorporate Graphic Medicine into medical education.

### **Exhibits**

As a place, the Library continues to provide an environment that nurtures, encourages, and values creativity through its Artist in Residence Series exhibits and Humanities in Medicine (HiM) events. The Library is a space where student and faculty exhibits support the University's mission and many talented artists and photographers of the UMMS Community share a facet of their talent through imagery. The HiM student creative writing events and author talks certainly reflect medicine's intense love for the arts and humanities.

### **Need and Community Outreach**

The Library continues its service to the Worcester area communities through volunteerism and public access to the Library. In August 2017 UMMS volunteers, including LSL Staff, gathered in a school gymnasium to pack hundreds of new backpacks with school supplies and then distribute them to elementary school students at two Worcester schools. This activity was part of an initiative to help address socioeconomic barriers to academic success faced by K-12 students in some of Worcester's most economically challenged neighborhoods. It was supported by the Remillard Family Community Service Fund and builds on the 21-year academic partnership between the Medical School and the North Quadrant of the Worcester Public Schools.



## Education and Clinical Services (ECS)

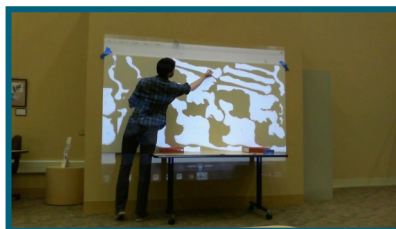
### Events

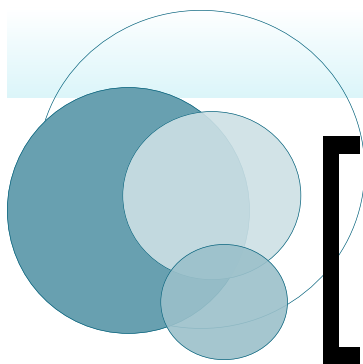
#### Medicinal Flora of Massachusetts: An Exhibit

The Exhibit featured 24 native and naturalized medicinal plants from around Massachusetts, highlighting both their historical and modern uses as herbal remedies along with their sometimes-deadly side effects. Materials from the Tower Hill Botanical Gardens, Massachusetts College of Pharmacy and Health Sciences Libraries, Deerfield Academy Archives, and local collections were featured alongside the plant specimens. The exhibit highlight was the presentation given by Dayne Laskey, PharmD, DABAT from the University of Saint Joseph School of Pharmacy on "*The Medicine Garden: Bioactive plants of the past, present, and future*". The exhibit ran August 1 through September 30 in the Library and then traveled to the main branch of the Worcester Public Library for an exhibit running for the month of November 2017.

#### Student Capstone Project: Giant Skull

A giant skull started materializing in the library in September 2017 through the creative efforts of Matt Breen, Class of 2018, and the support of the Department of Radiology. The giant skull, Matt's capstone project, was an exact replica of a human skull made from foamboard, with each layer representing a layer of a CT Scan. Matt's Kelly House Librarian, Tess Grynock, MLIS, assisted in the logistics of the project.





# Education and Clinical Services (ECS)

## Events

### Humanities in Medicine

*The Fourteenth Annual Gerald F. Berlin Creative Award Ceremony and Readings.* April 25, 2018.  
The Annual Meet the Author Series: *Stories from the Shadows: Reflections of a Street Doctor*, by James J. O'Connell, MD. May 23, 2018, sponsored with Worcester District Medical Society.

### Artist in Residence

*What the Eye Sees and the Heart Feels*, by Andrea Pastick. November 1–December 31, 2017.  
*Simplicity*, by Lisa Bezokas. January 10–March 29, 2018.  
*Serenity*, by Parijata Jain. April 3–May 30, 2018.  
*Critters of Southern Africa*, by Allan Jacobson, PhD and Denise Brouillette-Jacobson. June 19–August 30, 2018.

### Student Exhibits

*Assistive Technology: Approaches to Accessibility, with a Focus on Autism*, by Miriam Madsen Goldberg, MD, PhD student. October 2017.  
Capstone Exhibit: *Skull*, by Matthew Breen. March 2018.

### Co-sponsored

*Gateway to the Polio Vaccine*, portrait by Alan Witschonke, unveiling May 29, 2018. Co-sponsored with University of Massachusetts Medical School, Lamar Soutter Library, and the Boston Medical Library.

### Other

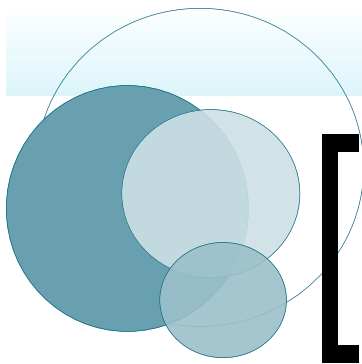
*Medicinal Flora of Massachusetts* an exhibit by Tess Grynoch, MLIS, August 1–September 30, 2017. *The Medicine Garden: Bioactive plants of the past, present, and future*, by Dayne Laskey, PharmD, DABA, University of Saint Joseph School of Pharmacy. August 22, 2017.



### Gerald F. Berlin Creative Award

In the photo from left:

David Hatem, MD; Susan Tarrant, MA; Shivkumar Bhadola, UMMS, 2019; Laurel O'Connor, Emergency Medicine; Abhinav Gupta, Family Medicine & Community Health; Christine Motzkus, UMMS MD/PhD Candidate, 2019; Tiffany Chen, UMMS, 2019; Richard Berlin, MD.



## Education and Clinical Services (ECS)



### Events

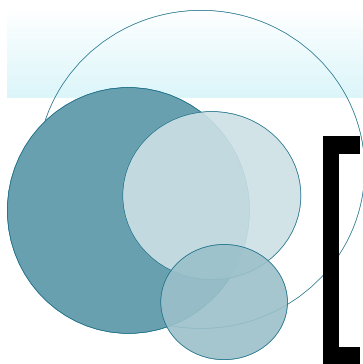
The Library hosted its first annual Spelling Bee on Tuesday, April 17, 2018 from Noon-1:00 pm. The Library Bee was set-up in a modified classroom format with the words projected onto the wall behind the spellers, and with the moderator, Frank Domino, MD, Family Medicine, seated in front of the speller's podium. Seats were arranged on either side of the podium for the spellers to wait for their turn.

The Spelling Bee Planning Committee explored many options to advertise and promote the event. Ultimately, the promotion strategy included a steady Twitter campaign, strategically located table tents and signs, a cafeteria registration drive, and a notice in the student bulletin. Registration began in mid-March with 8 registrants competing, comprised of students and 1 post doc primarily from the Schools of Medicine.

The event drew a crowd of 30 spectators, including students, faculty, and staff. They cheered on the participants and enjoyed the excitement of the event.

The Library supplied refreshments and prizes for First, Second, and Third place winners. Congratulations to our first-place winner, Shushmita Hoque, for correctly spelling 'spondylolisthesis'!





# Research and Scholarly Communications (RSC)



## Altmetrics Explorer for Institutions (EFI)

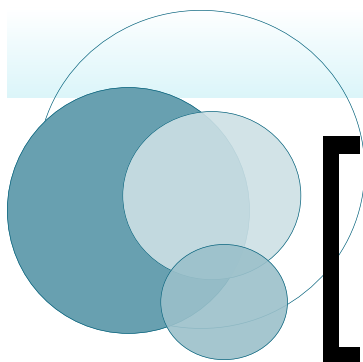
Altmetric badges are appearing everywhere! On journal websites, UMass Profiles, department websites, and other online locations. But how do you see all the Altmetric badges for yourself or your department in one location and look at the details of who is talking about your research? The solution: [Altmetric Explorer for Institutions](#)!

In January 2018, LSL, in cooperation with UMMS IT, added Altmetric Explorer for Institutions (EFI) to the Library resources available to the UMass Medical Community. Altmetric EFI is a database of altmetrics, which are indicators of online attention that complement traditional citation-based metrics. Altmetric indicators can include news, blogs, policy documents, patents, social media such as Twitter, Reddit, and F1000, and other academic and popular media. This new tool can show which research is being discussed and where, and also provides alerts, so users can monitor when research has been highlighted in the news or goes viral on social media. On top of viewing the attention garnered by UMMS research, Altmetric EFI can also be used to keep abreast of conversations on an area of scientific research across social media and other forms of digital media. One of Altmetric EFI's newest features is to export data from searches as a JSON API to display impact highlights on personal and departmental websites.

UMMS Community members can explore Altmetric EFI as a guest, but need to create an account to save searches, create reports, use the API, and receive alerts. The verified UMMS authors and departments are made possible because of a data feed from UMass Profiles provided by UMMS IT. This data is currently being updated monthly, but a UMass Profiles API is being developed to facilitate updates on a more frequent basis. If you have any questions or would like assistance creating a personalized search or report for yourself or your department, please contact Tess Grynoch, MLIS at ([tess.grynoch@umassmed.edu](mailto:tess.grynoch@umassmed.edu)) or Lisa Palmer, MSLS at ([lisa.palmer@umassmed.edu](mailto:lisa.palmer@umassmed.edu)). If you're interested in what the world is saying about your research, check out [Altmetric Explorer for Institutions](#)!

*Altmetric badge in UMass profiles*





# Research and Scholarly Communications (RSC)



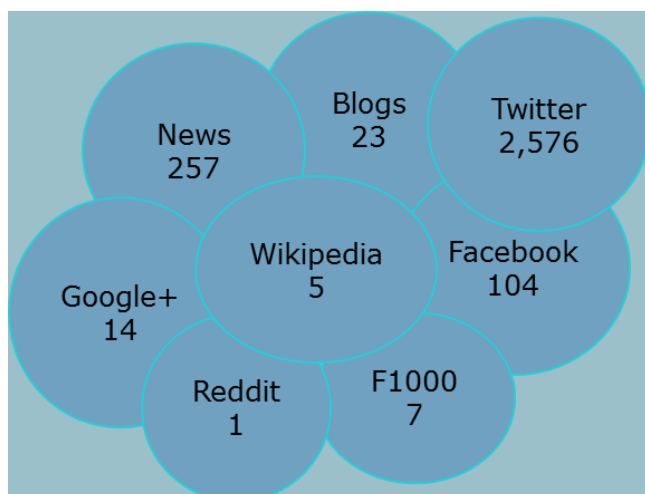
## Top 5 Research Outputs

Rank	Attention Score	Research Output
#1	705	Association of Cataract Surgery with Mortality in Older Women: Findings from the Women's Health Initiative. Article in <b>JAMA Ophthalmology</b> , October 2017
#2	417	Determining the scope of attacks on health in four governorates of Syria in 2016: Results of a field surveillance program. Article in <b>PLoS Medicine</b> , April 2018
#3	384	Structure-guided chemical modification of guide RNA enables potent non-viral <i>in vivo</i> genome editing. Article in <b>Nature Biotechnology</b> , November 2017
#4	165	Social Determinants of Health in Managed Care Payment Formulas. Article in <b>JAMA Internal Medicine</b> , August 2017
#5	98	Reducing the RNS binding protein TIA1 protects against tau-mediated neurodegeneration in vivo. Article in <b>Nature Neuroscience</b> , November 2017

A list of the top 5 research outputs. Each research output has an Altmetric Attention score, which provides an indicator of the amount of attention that has been received.

*There have been **2,576 tweets** about this content by **2,022 unique tweeters** in **79 countries!***

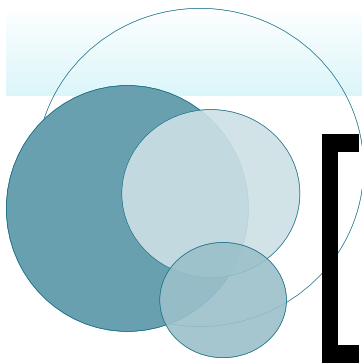
## Attention Source Breakdown



## Attention Overview

Total Mentions	2,987
Outputs with Mentions	148
Research Outputs	170
Sources of Attention	8

Source: Altmetrics Explorer Report, UMMS, August 2018



# Research and Scholarly Communications (RSC)

**eScholarship@UMMS**

## Metrics and Readership Activity eScholarship@UMMS | July 2017-June 2018

**2,354** works added 

Readers from **11,004** institutions  
and **204** countries

**223,831** downloads 

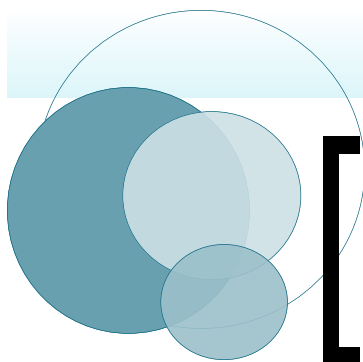
### Top downloads

- [Nursing Unit Staffing: An Innovative Model Incorporating Patient Acuity and Patient Turnover: A Dissertation](#) (Shirley J. Tierney)
- [Culture, language, and the doctor-patient relationship](#) (Warren J. Ferguson, Lucy M. Candib)
- [Immunization in Patients With Multiple Sclerosis](#) (Jonathan F. X. Cahill, Anthony Izzo, Neeta Garg)



### Did You Know?

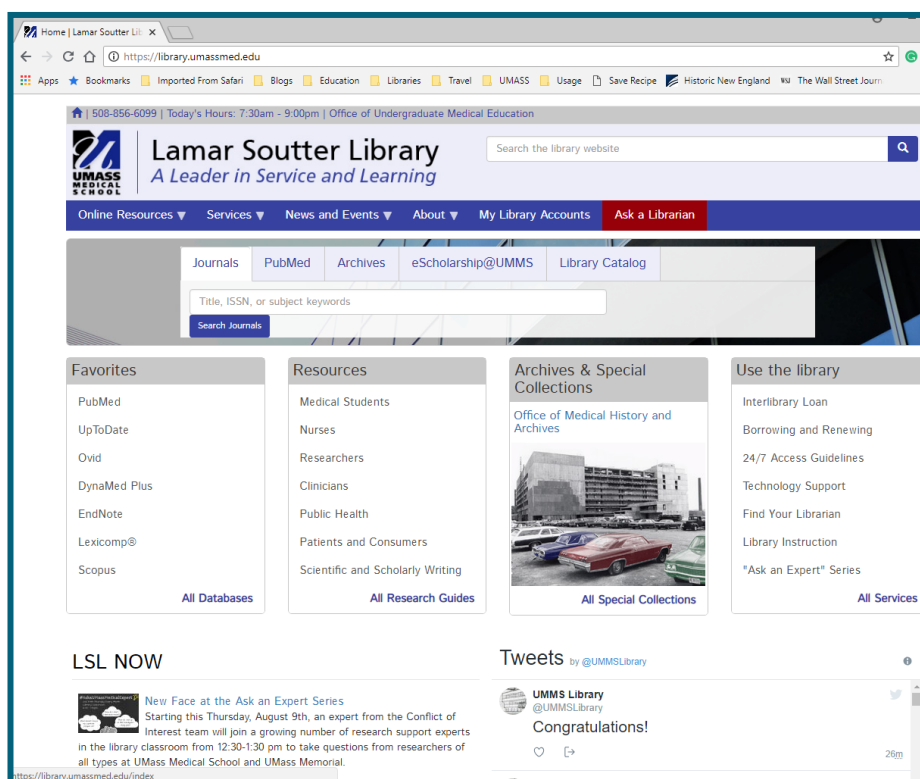
- The LSL Archives hold the papers from the Worcester Foundation for Biomedical Research. A current project is adding materials from Anne Merrill who was a technician and assistant to Dr. [Gregory Pincus](#). She assisted Dr. Pincus with research on the first oral contraceptive and published several papers with him. The microscope she used is now in the Smithsonian.
- GSBS and GSN students disseminated 77 new theses and dissertations in FY2018 via [eScholarship@UMMS](#), making their research accessible to other students, faculty, potential recruits, and the world.
- eScholarship@UMMS is the publishing platform for several [open access peer-reviewed e-journals](#) which published 65 articles in FY2018, including Journal of eScience Librarianship, Journal of Global Radiology, Journal of Parent and Family Mental Health, and Streams of Consciousness.
- The Library's Research and Scholarly Communication Services librarians assisted with 695 queries and educational efforts in FY2018.



# Technology Initiatives

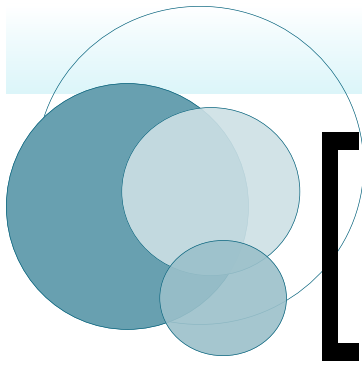
## Streamlining Access to Electronic Resources

The Library seeks to improve our services to meet the evolving needs of our patrons. Students, faculty, researchers, clinicians, and staff using the Library no longer need to walk through the Library doors. While we always enjoy seeing and meeting our users, we understand you want to access journal articles, electronic books, research guides, and other material from your home, office, or anywhere in the world. On September 5, 2017 we launched the new Library website, your “front door” to electronic library material at: <https://library.umassmed.edu>



The goal of the website redesign was to streamline access to resources the Library provides. From the Home page you can search Journal titles and subjects, PubMed, Library Archives, eScholarship@UMMS (the Institutional Repository), and the Library Catalog. The updated design highlights Favorite Resources, Research Guides on nearly 60 topics, and the Library Archives. Other highlights include LSLNow postings and recent Tweets from the @UMMSLibrary account. You can also learn how to set-up an Inter-Library Loan (ILL) account.

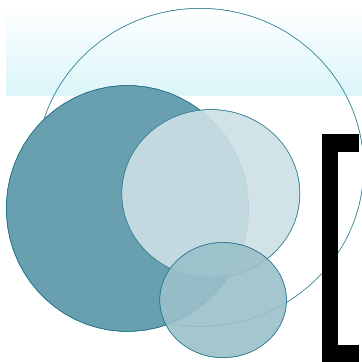
A great deal of effort went into the design and testing of the site. However, we are receptive to user feedback for ways the website might be improved. As such, we welcome the opportunity to meet with you for a 15-30 minute usability testing session. *The testing is on the website, not you.* If you are interested, please contact Robert Vander Hart, MA, MA, at ([robert.vanderhart@umassmed.edu](mailto:robert.vanderhart@umassmed.edu)) or 508-856-3290. If it is more convenient we can come to you or set up an online session. We want to hear from you!



## **Funded Outreach: National Network of Libraries of Medicine, New England Region (NNLM/NER)**

In FY2018 the Library continued in its second year of the cooperative agreement grant to serve as the Regional Medical Library (RML) in the New England Region (NER). This grant runs from May 2016 – April 2021. This is the fourth, 5-year contract the Library has received from the [National Library of Medicine](#) (NLM). 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 this year of the cooperative agreement, the NER focused on the following major initiatives:

- Focused Outreach brings the resources of the NLM 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.
- Special Initiatives have allowed the [NNLM NER](#) to focus and target specialized areas that are of interest and needed throughout New England. The initiatives allow information providers to reflect and respond to changes and trends affecting health care and provide relevant professional development opportunities. Initiatives include Research and Data Management, Graphic Medicine, Substance User Disorders, and Hospital Librarianship.
- NNLM NER received an administrative supplement in year two focused on partnering with the NIH *All of Us* Research Program. Over the course of this supplement, NNLM NER will partner with public libraries throughout New England to provide education and information related to the *All of Us* Research Program, precision medicine, and citizen science.
- Education and Training activities across the region were both in-person and distance-based; 230 activities were conducted with 9,687 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 connect 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 NLM resources. NER provided over \$230,000 to 23 different groups and organizations.



## Funded Outreach: National Network of Libraries of Medicine, New England Region (NNLM/NER)

### Funded Project Highlight

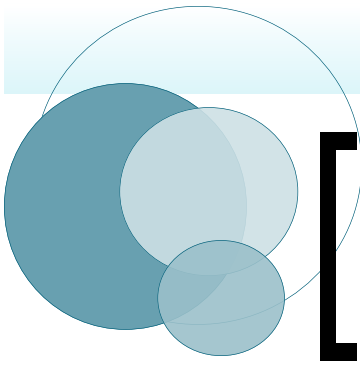
Using the Focused Outreach process, [NNLM NER](#) partnered with [Action for Boston Community Development](#) (ABCD). Through a network of neighborhood sites throughout Boston, ABCD reaches tens of thousands of low-income residents each year, providing them with services and information including health promotion and disease prevention programs. ABCD was able to acquire much needed technology that allowed ABCD program participants, and others connected to the organization, the ability to access health information and resources. Additionally, NNLM NER and ABCD hosted an event, "Sexual Health Online". This brought together several different organizations and created new community partners. The event was a community training which included training on Human Papillomavirus (HPV), how to find reliable health information using smartphones, and the use of MedlinePlus. Participants were very happy with the event. For example, saying "I will take what I learned back to my community and share it" and "This was very informative, and I will use with college students."



*"I will take what I learned back to my community and share it." - ABCD Participant*

*"This was very informative, and I will use with college students." - ABCD Participant*





# Outreach

## Expanding Access to HIV/AIDS Information in Worcester MA

The Library is excited about the progress of the AIDS Community Outreach Project, "*Bringing HIV/AIDS Information to the Heart of the Commonwealth*". The project is a collaboration between the Library, [AIDS Project Worcester](#) (APW), and [Worcester Public Library](#) (WPL).

The staff at APW and WPL are increasing their use of [National Library of Medicine](#) (NLM) resources through awareness and utilization of NLM's authoritative health information sources. UMMS provided training to both organizations to support HIV/AIDS information outreach. NLM resources include [AIDSinfo](#), [AIDSource](#), [ClinicalTrials.gov](#), [MedlinePlus](#), and [PubMed](#).

The WPL is using project funds to purchase books and DVDs, increasing awareness of the disease, and providing users with relevant and current material. In February, when the first batch of material was added to the collection, there was a special display at WPL highlighting the new HIV/AIDS material.

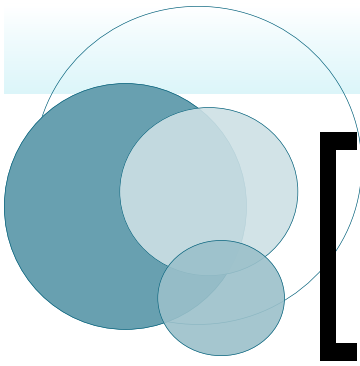


HIV/AIDS Materials At Worcester Public Library

The titles are available for review and loan as part of the public access catalog for the Central and Western Region of Massachusetts (CWMARS).

APW used project funds to purchase 7 laptops, 5 tablets, a projector, printer and locking cabinet for outreach and training at APW and throughout the community. The APW staff, volunteers, and clients are thrilled with the resources and the expanded access to HIV/AIDS material from the NLM. APW staff, volunteers, and clients use AIDSinfo to learn about drug information, clinical trials, and view fact sheets.

We are looking forward to the coming months of the project and using project funds to order additional material for WPL. We are also working with APW on usability testing of their new website and recommending updates. The project is fulfilling the goal of "*Bringing HIV/AIDS Information to the Heart of the Commonwealth*."



## Library Highlights

### Whiteboards

At the request of students, the Library had whiteboards and supplies installed in each study carrell. The carrels are individually assigned via lottery and provide the student a convenient space for studying, brainstorming, note taking, reminders and such. Because of the large quantity of whiteboards to purchase (100+) a savings of over \$700 was realized by negotiating with a UMMS vendor.



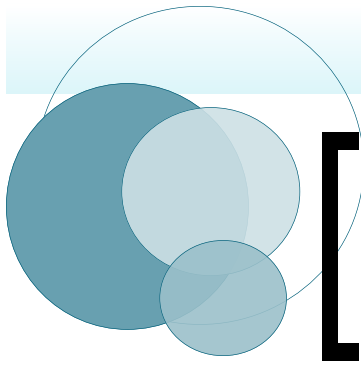
### Water Dispensers

To reduce costs and the environmental impact of discarded plastic water bottles, plumbed water dispensers were installed in the Library. The students, staff, and patrons use them daily, and to-date the water dispensed has saved the equivalent of over 14,000 water bottles. The dispensers were a significant investment but the benefit to the environment is immeasurable.

### Polio Portrait

On May 29, 2018 the portrait "Gateway to the Polio Vaccine" was unveiled in the Library. The portrait is provided on a long-term loan from the [Boston Medical Library](#) (BML). The painting commemorates the moment in 1948 when Drs. John Ender, Frederick Robbins, and Thomas Weller were at Boston Children's Hospital inspecting cultured viruses as a cure for poliomyelitis is sought. The artist is Alan Witschonke.





## Office of Medical History and Archives (OMHA)

The [Office of Medical History and Archives](#) (OMHA) received four new collections as well as additions to existing collections. This additional five linear feet brings the total number of archival collections to 84 or approximately 315 linear feet. Donors this year include:

Barbara Austin  
Rachel Carruthers  
Tiffany Chen  
Eric Ding  
Tess Grynoch

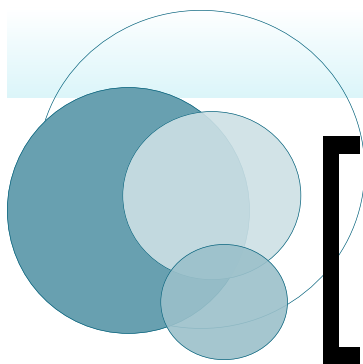
Robert Jenal  
Cheryl Lavalley  
Len Levin  
Marianne Siener  
Kristine Sjostedt

OMHA provided reference services to internal and external patrons including: the Office of Communications, UMass Memorial Health Care, Department of Surgery, Office of Advancement, Thoru Pederson, Jason Bowns, Louis Savas, and Nils Newman.

A "*Guide to Donating*" brochure to solicit material donations to the Archives was created. The [UMMS Timeline](#) of important milestones and accomplishments at the institution is continually being updated, as is the [Library Guide for the Humanities in Medicine](#) (HiM).

OMHA was fortunate to host two student interns from Simmons College. The students assisted with processing two archival collections by creating inventories of materials in the Office of Communications Records and the Lamar Soutter Library Collection. This assistance was of great value to OMHA and the students gained hands on archival education experience.

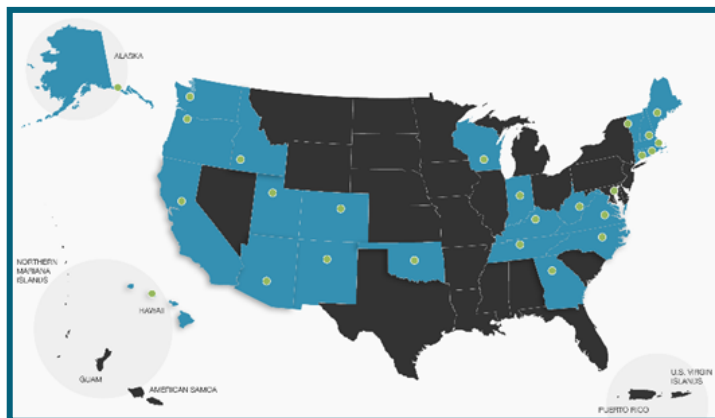
We have begun processing the Worcester Foundation for Biomedical Research materials and the papers from the Microbiology and Physiological Systems (MAPS) are completely processed.



## National Public Health Coordination Office (NPHCO)

Under LSL management and supported by the [National Library of Medicine](#) (NLM), the [National Public Health Coordination Office](#) (NPHCO) continues to expand its reach in supporting the information needs of the public health workforce throughout the country. Currently, 26 public health departments participate in the [Public Health Digital Library](#) (PHDL) as a means of supporting evidence-based practice. The following Public Health Departments were added this year:

- California Departments of Public Health
- North Carolina Division of Public Health
- Virginia Department of Health

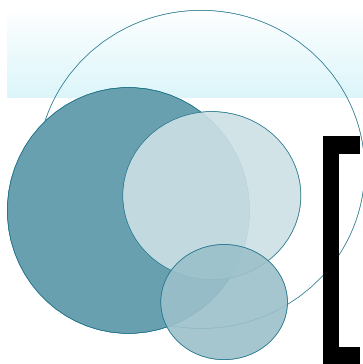


### States with Participating Public Health Departments

Alaska	New Hampshire
Arizona	New Mexico
California	North Carolina
Colorado	Oklahoma
Connecticut	Oregon
District of Columbia	Rhode Island
Georgia	Tennessee
Hawaii	Utah
Idaho	Vermont
Indiana	Virginia
Kentucky	Washington
Maine	West Virginia
Massachusetts	Wisconsin

The NPHCO program sets the operating model and manages the collection of 270 electronic journals; 70 eBooks, citation and full-text databases in global health; lab protocols, toxicology and bio-engineering, and systematic reviews.

NPHCO staff select and manage resources, provide instruction and support the network of departments with continuous access to resources. Partner libraries throughout the country provide delivery services for articles not in the PHDL.



## Grants & Contracts

**National Network of Libraries of Medicine, New England Region.** NIH 5 UG4 LM012347-03, [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.

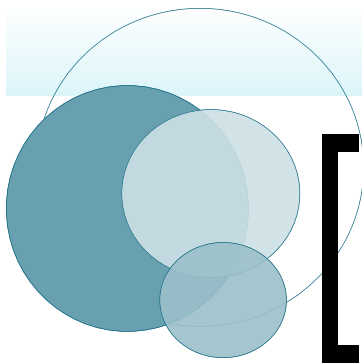
**National Public Health Coordination Office.** Part of NIH 5 UG4 LM012347-03, [National Institutes of Health, National Library of Medicine](#), 5/1/16-4/30/21, \$1.7 million & **G60000000035637 - Prog Inc NNLM\_NE Region 8 - Digital Public Health Library**, \$327,835 (FY18). Mary Piorun, Principal Investigator. Javier Crespo, Executive Manager. To improve understanding and utilization of trusted evidence-based resources within Public Health Departments via a developed prototype digital library to expand Public Health Departments' access to national and global public health information.

**Supplement – All Of Us Community Engagement.** In addition to NIH 5 UG4 LM012347-03, [National Institutes of Health, National Library of Medicine](#), 9/11/17-4/30/20, \$1.5 million. The National Network of Libraries of Medicine (NNLM) and the New England Region (NER) has partnered with the NIH All of Us Research Program to build the NNLM All of Us Community Engagement Network with public libraries to improve health literacy, engage local communities, and raise awareness about the program for populations underrepresented in biomedical research. NNLM NER will connect with public libraries to provide health information, resources for programming, and funding opportunities.

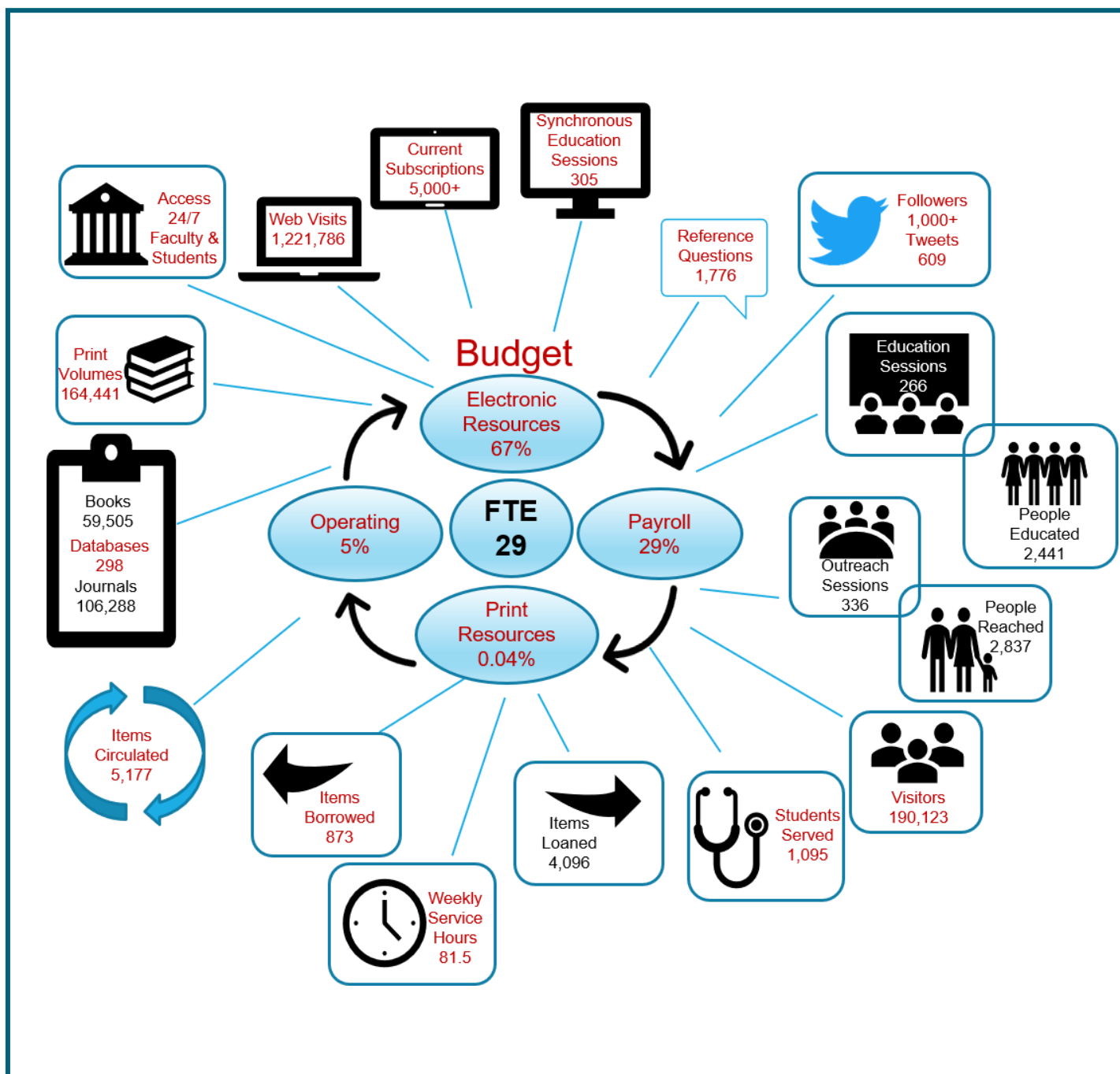
**Bringing HIV/AIDS Information.** NLM/HHSN276201700195P, [National Institutes of Health, National Library of Medicine](#), 9/25/17-9/24/18, \$49,853. Mary Piorun, Principal Investigator. The project is a collaboration between the Lamar Soutter Library, AIDS Project Worcester (APW), and Worcester Public Library (WPL) that aims to improve the lives of those living with HIV/AIDS in Worcester and surrounding communities by increasing their knowledge of the disease through awareness and utilization of National Library of Medicine (NLM) HIV/AIDS resources through training, information outreach, and resource development. The project includes providing laptops and tables to APW to support training at their site and in the field.

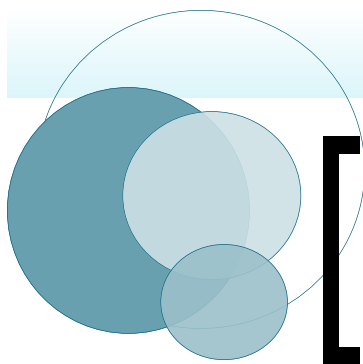
**Exposing the Deep Content of the Publication: Knowledge Extraction for Neuroimaging in Child Psychiatry.** NIH 5 R01 MH083320-09, [NIH-National Institute of Mental Health](#), 7/1/17-6/30/18, \$9,039. David N. Kennedy, Principal Investigator. Leah Honor, Informationist. The Informationist supports 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](#), 9/1/16-7/1/18, \$3,683. 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.



# Facts & Figures





# Publications & Presentations

## Publications

Gutzman KE, Bales ME, Belter CW, Chambers T, Chan L, Holmes, KL, Lu YL, Palmer LA, Reznik-Zellen RC, Sarli CC, Suiter AM, Wheeler TR. [Research Evaluation Support Services in Biomedical Libraries](#). J Med Libr Assoc. 2018 Jan;106(1):1-14. doi:10.5195/jmla.2018.205. PubMed PMID: 29339930; PubMed Central PMCID: PMC5764574.

Kipnis DG, Palmer LA. Medical Institutional Repositories in a Changing Scholarly Communications Landscape. Against the Grain. (under review)

Palmer LA, Paterson J, Robertson W, Stenberg E. [Best Practices for Mapping Digital Commons Metadata for Harvesting by SHARE](#). Version 1.1, July 2017.

Palmer LA, Paterson J, Robertson W, Stenberg E. [Recommendations for Curating Digital Commons Metadata for SHARE](#). SHARE News. August 28, 2017.

Reznik-Zellen R, Palmer LA. [Avoiding Predatory Publishers](#). AEA365 Blog. February 27, 2018.

## Presentations

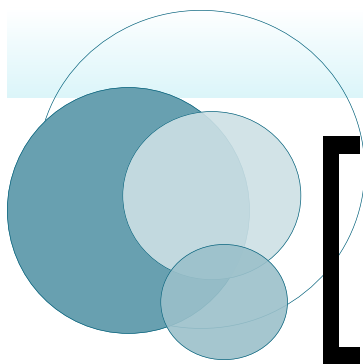
Grynoch, T. (2018). Resources for data-driven discovery and the Data Thesaurus. *Data Science and Visualization Institute for Librarians*, Raleigh, NC.

Grynoch, T. (2018). Transforming the eScience Thesaurus into the Data Thesaurus. *Medical Library Association Annual Meeting and Exhibition*, Atlanta, GA.

Grynoch, T., Piorun, M., Raboin, R. (2018). Ask the Research Experts: Everything in One Convenient Location@the Lamar Soutter Library. *Medical Library Association Annual Meeting and Exhibition*, Atlanta, GA.

Grynoch, T. (2018). Following the Trends in eScience: Updating the eScience Thesaurus 2.0. *10<sup>th</sup> Annual University of Massachusetts and New England Area Librarian e-Science Symposium*, Worcester, MA.

Grynoch, T. (2017). The making of the Medicinal Flora of Massachusetts exhibit: Lessons learned. *North Atlantic Health Science Libraries Conference 2017*, Waltham, MA.



# Publications & Presentations

## **Presentations *continued***

Halpin, S and Pagoto, S, "How the National Library of Medicine Can Add Evidence To Your mHealth App" (2017). *National Network of Libraries of Medicine New England Region (NNLM NER) Repository*. 52. <http://escholarship.umassmed.edu/ner/52>

Jerome E, Palmer LA, Reznik-Zellen R. If You Build It, Will It Collapse? Roadblocks to Building a Regional Repository Community: A Poster Conversation. Poster presentation at the 2018 ACRL New England Chapter Annual Conference, Plymouth, MA, May 2018.

Kilham, J. (2018) "What's All The Buzz? A Library-Sponsored Spelling Bee". Poster Presented at the Medical Library Association Annual Meeting, Atlanta, GA.

Kipnis DG, Palmer LA, Kubilius R. [Taking the Pulse of Health Sciences IRs: An Environmental Scan of Medical Schools' Institutional Repositories](#). Paper presentation at the 2018 Southern Miss Institutional Repository Conference, Hattiesburg, MS, April 2018.

Palmer LA, Kipnis DG, Kubilius R. [Taking the Temperature of Health Sciences IRs: A Survey and Analysis of Medical Schools' Institutional Repositories](#). Lightning talk presentation at Open Repositories 2018, Bozeman, MT, June 2018.

Palmer LA. [Storage Made Simple: Preserving Digital Objects with bepress Archive and Amazon S3](#). Paper presentation at the 2017 Digital Commons New England User Group Meeting, Worcester, MA, July 2017.

Paterson J, Palmer LA, Robertson WC, Stenberg ES. [Mind the Gap: Curating Digital Commons Metadata for SHARE](#). Paper presentation at the 2017 Digital Commons + Great Lakes User Group Meeting, Cleveland, OH, July 2017.

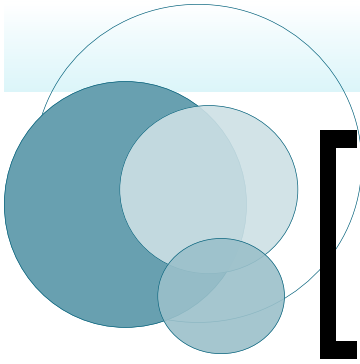
Raboin R, Goldman J, Palmer LA. [Shake It Off: Journal of eScience Librarianship Edition](#). Panel presentation at the ACRL New England Chapter's Scholarly Communication Interest Group program "Shaking Up Scholarly Communication: What's New in Open Access Publishing," Boston, MA, December 2017. (Invited presentation)

Reznik-Zellen R, Palmer LA. How Not to Grow an ORCID Program. Lightning talk presentation at the 2018 ACRL New England Chapter Annual Conference, Plymouth, MA, May 2018.

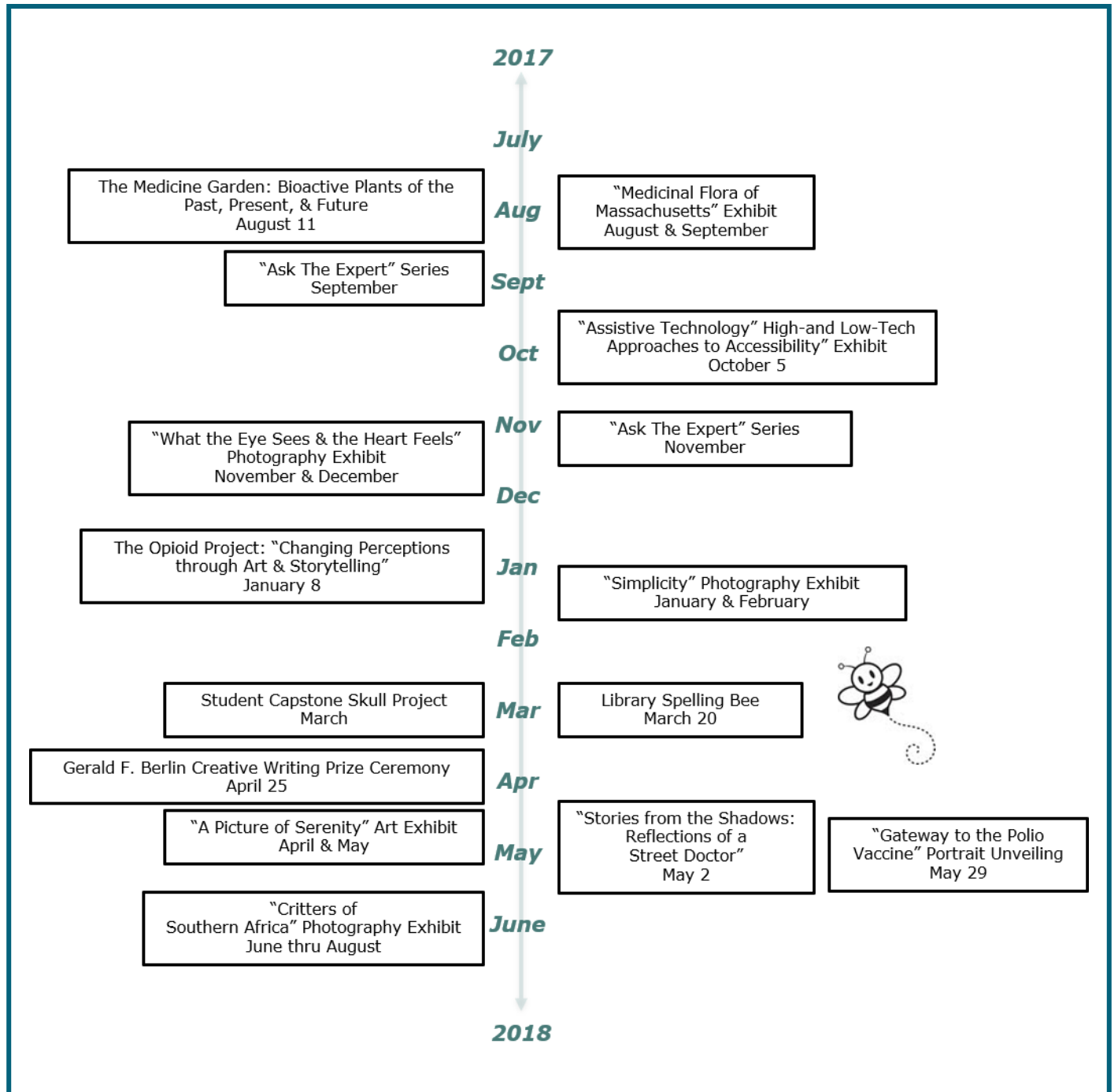
Stenberg E, Palmer LA, Paterson J, Robertson W. [Closing the Gap: Curating bepress Metadata for SHARE](#). Paper presentation at the 2017 Digital Commons Heartland User Group and IR Day, Rolla, MO, October 2017.

## **Book Review**

Vander Hart, Robert J., "Affordable Course Materials: Electronic Textbooks and Open Educational Resources" (2018). University of Massachusetts Medical School. *Library Publications and Presentations*. Paper 209. [https://escholarship.umassmed.edu/lib\\_articles/209](https://escholarship.umassmed.edu/lib_articles/209)



# Cultural Events Timeline



University of Massachusetts Medical School  
Lamar Soutter Library  
55 Lake Avenue North  
Worcester Massachusetts 01655 USA

Phone: 508-856-6099

Web: <https://library.umassmed.edu>



**@UMMSLibrary**

