

# 2016 – 2017 Annual Report MEDICAL LIBRARY



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# Staff News

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The Medical Library has a wonderful faculty and staff dedicated to providing excellent library services and information resources to our OUWB community. They have had an extraordinarily productive year as is evident throughout this report, but there are a few key accomplishments we'd like to highlight here.



**Evan Sprague, Medical Library Assistant**, graduated from Wayne State University with a master's degree in Library and Information Science. Congratulations, Evan!

Also, congratulations to Dr. Misa Mi and Stephanie Swanberg who were both recognized at the 2017 Honors Convocation on May 11 with awards for Outstanding Faculty Achievement!



**Dr. Misa Mi** received the 2017 Educational Innovation / Educational Research Award



**Stephanie Swanberg** received the 2017 Excellence in Service Award

# Instruction & Course Development

## STUDENTS

**NEW STUDENT ORIENTATION** Since all students elected to go on the optional tour of the library in 2015, this year library orientation was modified to integrate a tour into the main session. All students started in O’Dowd Hall for short introductions to library faculty and staff and then were split into two groups. The first group started with a presentation by Misa Mi and Keith Engwall which introduced the concept of information mastery, included a virtual tour of the web site, and an overview of library services and resources and was then followed by a guided tour of Kresge Library by Mitchell Roe, Evan Sprague, and Stephanie Swanberg. The second group started with the guided tours and finished with the group presentation in the Nyberg Room of Kresge Library. This format worked extremely well! We regard this as the first session of the library’s Information Mastery curriculum, which is threaded throughout the M1 and M2 years.

**M1 EMBARK COURSE** This year, the Capstone Program was renamed “Embark” to more accurately represent the students’ research journey during their four years of medical school. Information Mastery content in the M1 Embark course was reduced from 7 to 5 sessions resulting in a decrease in contact time from 7 hours to 5.5 hours. This change accommodated an increase in independent study time in the winter semester for students to complete their project proposals and submit their IRB proposals prior to the summer break. As a result, it was agreed that two library sessions, “Keeping Up with the Literature” and “Copyright, Plagiarism, & Academic Integrity,” would be moved to the M2 Capstone course curriculum. The M1 Embark sessions for 2016/2017 are outlined in Table 1.

Course and session objectives, teaching methodologies, learning activities, and assessments for each session were revisited and updated. Each session combined didactic lecture, demonstration, and active learning activities aimed at developing skills in the selection, searching, and basic evaluation of medical information resources.

**Table 1: Information Mastery Sessions in the M1 Embark Curriculum, 2016 - 2017**

DATE	TITLE	INSTRUCTOR
August 8, 2016	Researching Potential Mentors (20 min)	Stephanie Swanberg
October 3, 2016	Developing Expert Searching Skills for Your Projects (120 min)	Misa Mi
October 24, 2016	Introduction to Systematic Reviews (20 min)	Misa Mi
November 14, 2016	Managing the Literature for Your Capstone Project (120 min)	Stephanie Swanberg
April 3, 2017	Identifying External Sources for Funding Research Projects (30 min)	Keith Engwall

In addition to instructional sessions, the library faculty piloted a number of initiatives to increase our support of the M1 Embark Course:

- Formative Feedback on Research Question Form - Nancy Bulgarelli, Keith Engwall, and Stephanie Swanberg reviewed the students’ Draft Research Question Forms and provided written feedback to each student on their literature search strategies and database selection. A total of 84 of the 125 student research question forms were reviewed.
- Capstone Project Proposal Library Office Hours - To aid students in preparing their Capstone project proposals, the library piloted a project to host office hours in O’Dowd during the week leading up to the proposal deadline. Office hours were offered on January 30, February 1, and February 6 from 12:00 – 1:00pm in Room 216 O’Dowd.

- Student Project Proposal Writing Time - Nancy Bulgarelli, Keith Engwall, and Stephanie Swanberg participated in the new proposal writing sessions in the M1 Capstone course. These sessions are mandatory for all students still needing an approved project proposal. The sessions give students dedicated quiet time to work and act as office hours for them to ask questions of faculty. Library faculty attended three of these sessions on April 10, April 17, and May 1 and provided assistance with literature search strategies.

**M2 EMBARK COURSE** Medical Library faculty again expanded their instruction time and participation the M2 Embark course by leading the series of sessions on presenting and publishing scholarly research. Table 2 outlines library faculty contributions to the course:

**Table 2: Information Mastery Sessions in the M2 Embark Curriculum, 2016 - 2017**

DATE	TITLE	INSTRUCTOR
<b>August 8, 2016*</b>	Conducting a Literature Review* (45 min)	Keith Engwall
<b>November 8, 2016</b>	Best Practices for Writing an Abstract (90 min)	Stephanie Swanberg
<b>January 10, 2017</b>	Best Practices for Developing Posters and a PowerPoint Presentation (90 min)	Stephanie Swanberg & Keith Engwall
<b>January 31, 2017</b>	Strategies for Publishing Your Capstone Project (60 min)	Stephanie Swanberg

*\*Indicates new session to the M2 Embark curriculum*

In addition to instructional sessions, library faculty were heavily involved in the M2 Embark Course:

- Guided Project Working Time – Keith Engwall and Stephanie Swanberg also took turns holding informal office hours as part of a new initiative for the Embark program. Students who had not yet submitted a proposal or IRB were required to attend these protected working sessions, and a number of faculty and staff were on hand to answer questions. Library faculty assisted students with developing research questions, database selection, and formulating search strategies.
- Formative Feedback on Student Project Abstracts - Along with the two course directors, Keith Engwall & Stephanie Swanberg reviewed and provided written feedback to students on their draft abstracts. Each reviewed 32 student abstracts.
- M2 Oral Presentations - This year Keith Engwall was appointed chair of the M2 Oral Presentation Committee with the charge to revise and coordinate the M2 oral presentation process. This included developing a new judging rubric, recruiting and training judges, and organizing the presentation sessions. A total of 10 presentation sessions were held. Keith, Misa Mi, and Stephanie Swanberg, along with many other faculty members, served as judges for several of the sessions.
- M2 Capstone Research Colloquium - Nine students were selected as finalists to present their oral presentations again on June 5 and compete for three monetary awards for the top 3 presentations. Keith Engwall, as chair of the M2 Embark Oral Presentation Committee, coordinated the judging process, calculated final scores for each student, and submitted the top 3 awardees to the Committee on Student Awards.

**M3 EMBARK COURSE** Stephanie Swanberg served her second term as chair of the M3 Mini-Manuscript Committee to judge and award scholarships for M3 student research manuscripts based on their Capstone projects. The process developed in 2016 for recruiting and training judges, scoring manuscripts (rubric), and selecting scholarship recipients was followed again this year.

**INTEGRATIVE EVIDENCE BASED MEDICINE COURSE** Medical Library faculty continued their roles as members of the Evidence-Based Medicine course development team. The Evidence-Based Medicine course completed its fifth iteration in winter 2017, running April 6 - 14, 2017. Library faculty were involved in course planning and development and taught three sessions, accounting for 6 instructional hours (see Table 3).

**Table 3: Information Mastery Sessions in Integrative Evidence-Based Medicine, 2016 - 2017**

DATE	TITLE	INSTRUCTOR
April 6, 2017	Locating the Best Available Evidence Lecture	Stephanie Swanberg
April 6, 2017	Locating the Best Available Evidence Lab	Nancy Bulgarelli, Keith Engwall, Misa Mi, Stephanie Swanberg
April 10, 2017	Systematic Reviews & Meta-Analyses	Misa Mi

For the third year, student case presentations were used to assess students' skills in locating, appraising, and applying current research evidence to a clinical case. Specifically, information search and synthesis skills were included as items on the presentation judging rubric. Nancy Bulgarelli, Misa Mi, and Stephanie Swanberg served as judges of the EBM case presentations on April 12, and all library faculty participated on completing the non-cognitive evaluations of each student with other members of the course team on May 2, 2017.

### ADDITIONAL CURRICULUM INTEGRATION

#### Art & Practice of Medicine Course

- Flu Vaccine Clinic - On October 20, 2016, Stephanie Swanberg presented this 30-minute session as part of the annual flu vaccine clinic for the M1 Students. It immediately followed the presentation on myths and facts of the flu and flu vaccine by an infectious disease physician. The session combined lecture, hands-on searching of MedlinePlus, and a role-playing activity.
- Partners in Care Debriefing - On April 11 & 12, 2017, Keith Engwall served as a small group facilitator for the APM Partners in Care debriefing. Keith led two hour-long sessions composed of a mix of medical, nursing, and physical therapy students in groups of approximately 20. These recorded sessions consisted of questions designed to invite the students to reflect on the various aspects of the Partners in Care program, including what they learned about patient interactions and teamwork.

**Promotion and Maintenance of Health Course** Misa Mi and Stephanie Swanberg served as small group facilitators again this year for the course's two journal clubs on weight loss management on February 23, 2017, and eCigarettes on May 11, 2017. Each led two 45-minute discussions of an article with groups of 5 – 6 students. Stephanie Swanberg also graded half of the 125 student journal club assignments for the first journal club and aided in developing a new group assignment for the second journal club with the course director Dr. Victoria Lucia.

**STUDENT INFOBITE SERIES** Now in its fifth year, the Medical Library hosted this lunch series for students which complements the content taught in the Information Mastery curriculum and introduces new concepts that are currently not taught elsewhere. Sessions continued to be held in O'Dowd Hall with lunch provided to attendees. Table 4 provides an outline of offered sessions. Attendance at the four sessions this year totaled 268 students, a significant increase from attendance over the 135 attendees last year. Over the course of five years, the library has hosted 28 Lunch 'n Learn/InfoBite sessions with 463 student attendees!

**Table 4: Student InfoBite Series Sessions, 2016 - 2017**

DATE	TITLE	INSTRUCTOR
August 15, 2016	Exploring Online Anatomy Resources	Nancy Bulgarelli, Keith Engwall, Misa Mi, Stephanie Swanberg
September 12, 2016	Exam Prep Resources for BFCP & Organ System Courses	Misa Mi
January 25, 2017	Prepping Your M1 Capstone Proposal Background	Keith Engwall
June 1, 2017	Mobile Apps Fair	Keith Engwall, Mitchell Roe, Evan Sprague & Stephanie Swanberg

## FACULTY

**NEW FACULTY ORIENTATIONS** The Medical Library introduced the School of Medicine’s newest faculty to our resources and services this academic year and completed a total of three new faculty orientations. Faculty toured Medical Library spaces and website, were provided with an overview of the library’s liaison program and resources available in their disciplines, and were apprised of the collaboration opportunities for courses and scholarly activities with library faculty.

**FACULTY BROWN BAG SERIES** For the third year, the Medical Library continued its faculty development series on Oakland’s campus. This bi-monthly series of informal lunch-time sessions was led by Dr. Misa Mi and focused on various topics in information mastery and medical education scholarship. A total of 110 participants were recorded in attendance over the 10 sessions including OUWB faculty as well as some staff and administration. This year, we again used WebEx to stream the sessions to the Beaumont Medical Library for the Beaumont librarians.

**Table 5: Faculty Brown Bag Series, 2016 - 2017**

MONTH	TITLE	INSTRUCTOR
January 24, 2017	Scholarship Redefined	Misa Mi
February 8	Locating Existing Datasets for your Research	Stephanie Swanberg
February 22	How to Conduct a Systematic Review	Misa Mi
March 8	Spotlight on Mendeley: A Citation Management Tool	Stephanie Swanberg
March 22	USMLE & Subject Review Resources	Misa Mi
April 5	Introduction to Research Data Management	Guest: Joanna Thielen, OU Libraries Research Data Librarian
April 20	Keeping Up with the Literature	Stephanie Swanberg
May 5	Alternative Ways to Disseminate Your Scholarly Work	Misa Mi
May 24	Online Collaborative Tools	Keith Engwall
June 7	Copyright Basics for Educators	Stephanie Swanberg

## FACULTY WORKSHOPS

**OU Libraries Research Data Management Series** - Stephanie Swanberg was invited to co-develop and teach the session “Data Discovery & Re-Use” with Joanna Thielen, OU Libraries Research Data Librarian, as part of a library faculty and staff development series. The session was taught on November 18, 2016, and covered basic strategies and resources for finding data online with 16 total participants.

**OU Libraries Research, Publishing & Dissemination Series** - Stephanie Swanberg led a faculty/graduate student development session on “Determining Legitimacy of Online Publications” on March 9, 2017, as part of this OU Libraries workshop series. The session defined predatory publishing and reviewed criteria for assessing journal authenticity. The session was one of a five-part series to raise awareness of scholarly publishing topics including data management, copyright, and authors’ rights.

**MedEdPORTAL: Accessing & Publishing Teaching Resources** - On May 17, 2017, as part of the 6<sup>th</sup> Annual Medical Education Week, Misa Mi taught this introductory workshop for faculty on MedEdPORTAL as both a resource for locating teaching materials and for publishing their own materials.

**Strategies for Publishing Your Work: How to Select & Assess Journals for Publication** - As part of the library’s ongoing efforts to increase faculty awareness of predatory publishing, Stephanie Swanberg taught this CME

workshop targeting clinical faculty on June 15, 2017. The session was divided into two parts: 1) how to select journals using various free online tools (Journal/Author Name Estimator, PubMed PubReMiner, and SciMago) and how to assess the quality of those journals using the authenticity checklist previously developed for a predatory publishing session. A total of 13 clinical faculty attended.

### **PROFESSIONAL CONTINUING EDUCATION COURSES**

**Taking PubMed to the Next Level** – Stephanie Swanberg & Keith Engwall co-developed and taught a four hour continuing education course covering advanced searching techniques in PubMed. It was offered through our local professional organization, the Metropolitan Detroit Medical Library Group (MDMG), at Wayne State University with 16 local librarians attending. The course was certified through the Medical Library Association for 4 Continuing Education Credits.

**Taking PubMed to the Next Level Webinar Series** - Stephanie Swanberg & Keith Engwall tailored their four hour in-person CE course to a four-part webinar series for the Ontario Health Libraries Association & the Ontario Library Association. The course covered advanced searching techniques in PubMed and was taught online on February 21, February 23, February 28, and March 2. A total of 254 Canadian librarians attended the series.

### **OTHER PRESENTATIONS**

**Admissions Presentation** – Nancy Bulgarelli gave a brief presentation as part of the OUWB Admission’s Team “The Inside Track: Anatomy of OUWB,” internal training program and covered key library services, spaces, teaching, and metrics.



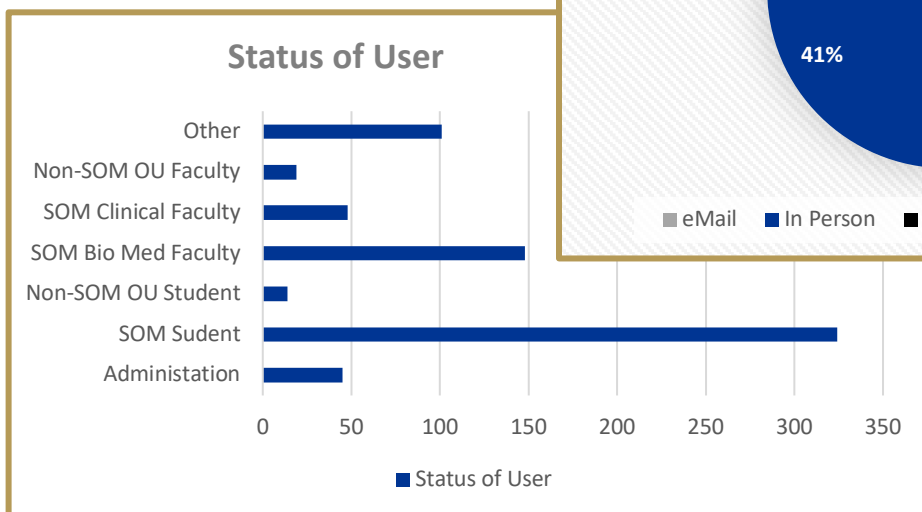
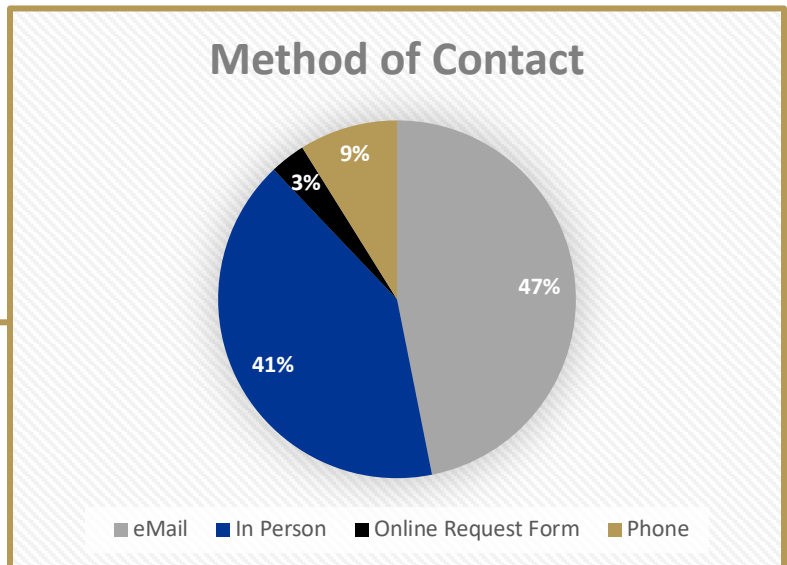
# Reference

In the 2016/2017 academic year, the Medical Library continued to be of assistance to Oakland University William Beaumont School of Medicine and the community. This included a total of 653 recorded patron encounters, encompassing 836.16 hours of reference, research consultations, instruction and community engagement. The Medical Library worked with 3,659 patrons; 47% of these encounters were in person and 41% were via email. This represented a significant increase in activity over the previous year, with a 14.4% increase in total sessions, a 22.5% increase in participants, and a 34% increase in hours. The majority of these encounters were with medical students. For more detailed information on the breakdown of these encounters see Table 6 below.

**Table 6: Patron Encounters, 2016 - 2017**

	SESSIONS	PARTICIPANTS	HOURS
Reference	311	319	47.36
Research Consultation/ Lit Searches	264	547	218.7
Instruction	67	2,312	483.13
Community Engagement <sup>1</sup>	11	481	86.96
<b>Total</b>	<b>653</b>	<b>3,659</b>	<b>836.16</b>

<sup>1</sup>Participation numbers may be estimated for community engagement events



# Collections

The library continued to add to its electronic collections based on user requests, curricular changes, and other needs assessments. This year we involved faculty in the journal renewal process, asking for suggestions and reviewing interlibrary loan activity. As a result we added a number of new journal titles to the collection. We also worked with the publisher LWW and are a beta site for an institutional subscription to a series of embryology animations called Simbryo. Table 7 showcases our major new acquisitions.

Table 7 displays the number of downloads from our major resources for the year and the percentage change in usage from the previous year.

NAME	RESOURCE TYPE	COST
Annual Review of Genetics	eJournal	Redacted
Annual Review of Medicine	eJournal	Redacted
Annual Review of Physiology	eJournal	Redacted
Journal of Medical Ethics	eJournal	Redacted
McGraw-Hill eBook Library Primary Care	eBook Collection	Redacted
Nature Reviews Genetics	eJournal	Redacted
Seminars in Neurology	eJournal	Redacted
Simbryo	Anatomy Resource	Redacted
<b>TOTAL</b>		<b>\$17,344.66</b>

Note: Price information is confidential and not to be shared outside the institution per our license agreements.\*-

RESOURCE	July - September 2016	October - December 2016	January - March 2017	April - June 2017	Total	% Change from FY 15- 16
AccessMedicine	4,095	2,373	2,206	3,131	<b>11,805</b>	<b>-10.27%</b>
ClinicalKey eBooks	3,103	1,763	2,296	1,536	<b>8,698</b>	<b>18.02%</b>
ClinicalKey eJournals	4,126	7,779	9,815	5,640	<b>27,360</b>	<b>27.05%</b>
JAMA & Archives Journal Collection <i>(Note: Includes Beaumont Hospital use)</i>	5,297	5,132	6,619	5,668	<b>22,716</b>	<b>-2.51%</b>
LWW Health Library Collection	2,429	4,467	2,568	3,476	<b>12,940</b>	<b>128.58%</b>
LWW Total Access Journal Collection & Archive	6,758	12,086	14,329	7,067	<b>40,240</b>	<b>-13.83%</b>
New England Journal of Medicine	991	1,884	2,183	1,464	<b>6,522</b>	<b>14.10%</b>
Scopus (Searches)	3,109	1,337	1,258	1,156	<b>6,860</b>	<b>20.39%</b>
UpToDate	9,064	9,380	8,018	8,028	<b>34,490</b>	<b>-23.60%</b>

The 2016/2017 year continued to show an increased trend in use of library resources. As Table 8 above shows, most of our major electronic resources showed an increase in usage. Notable exceptions include *AccessMedicine*, which dropped due to changes in required textbooks, along the *LWW Total Access Journal Collection* and *UpToDate* which respectively had a 13% drop and a 23% drop in usage compared to the previous year. Another notable outlier is the *LWW Health Library Collection* which usage more than doubled compared to the previous year. The *LWW Health Library collection* includes heavily used titles such as *Bates' Guide to Physical Examination and History Taking* and *Marks' Basic Medical Biochemistry*. (*Marks' Basic Medical Biochemistry* is also being used in an undergraduate biology course.) Overall, the Medical Library measured a total of 111,247 ejournal article downloads and 57,532 ebook chapter downloads. *LWW Total Access Collection (Journals)* was our most frequently used resource with 39,133 article downloads. More detailed information on our usage stats can be found on Appendix 1, Appendix 2 and Appendix 3.

## PRINT COLLECTION

While the vast majority of the Medical Library's collection is electronic, we do maintain multiple print copies of all the required and recommended course textbooks in the Quiet Study Room. We also have an extensive collection of print review books and study guides, and purchase print books when an electronic version is not available or when print is specifically requested by a faculty member. In 2016/2017, the library added 149 print books to its collection at a cost of \$16,754.50.

Our students – despite being “digital natives” – also appreciate and use these print materials. Over the course of 2016-2017, we recorded re-shelving a total of 2,372 items. Table 9 shows a breakdown by month.

**Table 9: Print Book Shelving Tallies, 2016 - 2017**

Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17
3	326	306	333	222	158	164	270	237	197	141	15

## EXPENDITURES

**\$899,851**

- Total expenditures on collection

**98.14%**

- Percentage spent on electronic resources

**\$4.48**

- Average cost per download from electronic resources

## INTERLIBRARY LOAN & DOCUMENT DELIVERY

No library – even at the largest research universities – can possibly own every book and journal that their faculty and students might need and must rely on their interlibrary loan networks for those items not immediately at hand. Fortunately, the Interlibrary Loan Department at Kresge Library provides wonderful service, filling the majority of requests electronically within 24 hours.

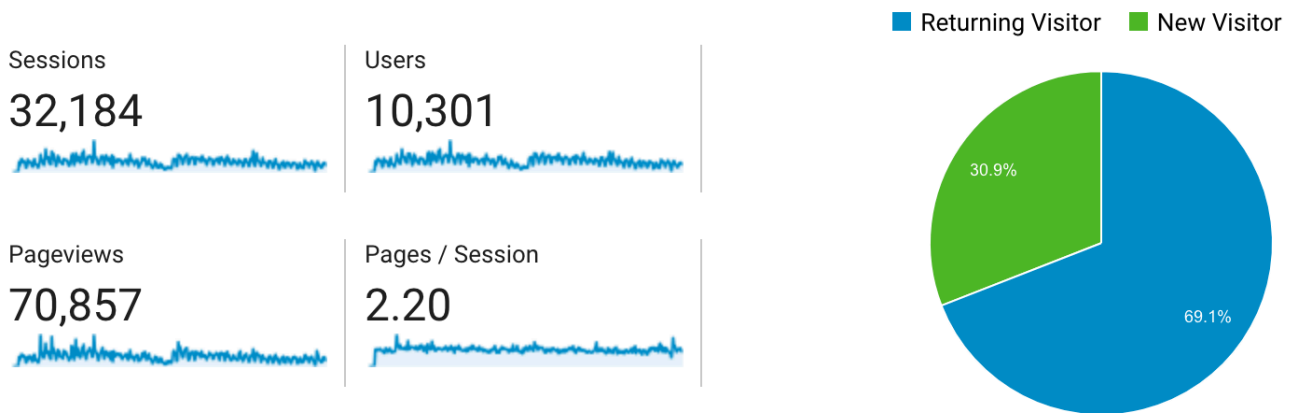
**Table 10: Interlibrary Loan Statistics by Patron Type**

	Faculty & Staff	Students	Total
University Library ILL & Document Delivery	129	316	445
Articles Supplied by Medical Library	28	8	36

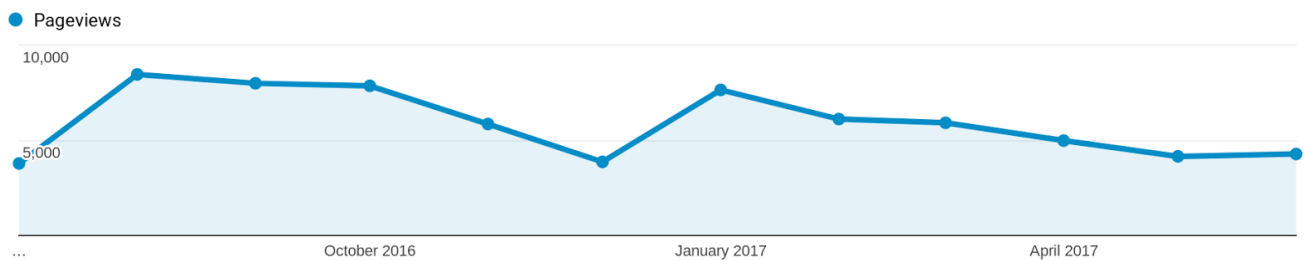
## Website

### OVERALL USAGE

From July 1, 2016 to June 30, 2017, the Medical Library website had a total of 70,857 page views across 32,184 sessions for an average of 2.20 pages per session.



The traffic remained fairly constant throughout the year, taking a small dip during the winter break in December.



The most heavily-used page was the medical library homepage, followed by Databases, M1 Textbooks, and Course Guides.

1.	Medical Library - OU Libraries	36,233	51.14%
2.	Databases - Medical Library - OU Libraries	11,579	16.34%
3.	M1 Textbooks - Medical Library - OU Libraries	4,480	6.32%
4.	Course Guides - Medical Library - OU Libraries	4,412	6.23%
5.	Clerkship Textbooks - Medical Library - OU Libraries	1,096	1.55%
6.	MDM1 9110 - Anatomical Foundations of Clinical Practice - Medical Library - OU Libraries	1,032	1.46%
7.	M2 Textbooks - Medical Library - OU Libraries	944	1.33%
8.	Articles - Medical Library - OU Libraries	885	1.25%
9.	iPhone & iPad Apps - Medical Library - OU Libraries	883	1.25%
10.	Subject Guides - Medical Library - OU Libraries	756	1.07%

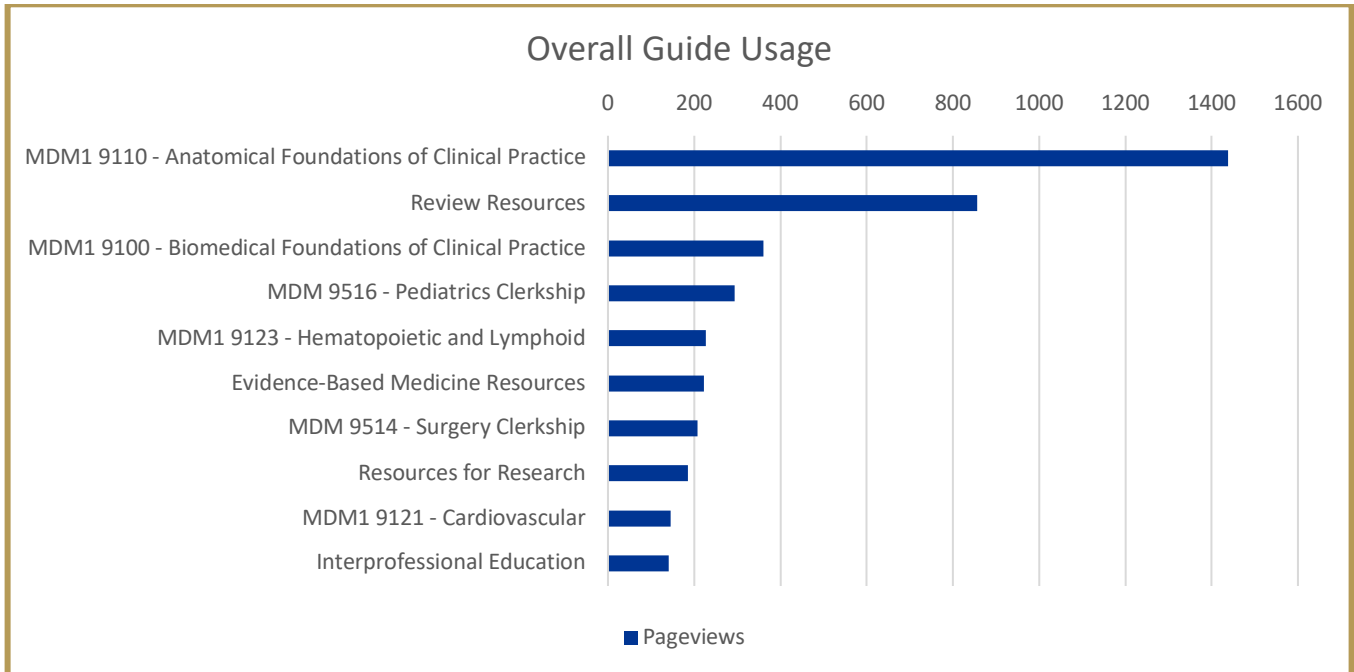
## PUBMED

PubMed access (through search or links) accounted for 12.1% of our total website usage and for approximately 22.6% of the homepage usage.

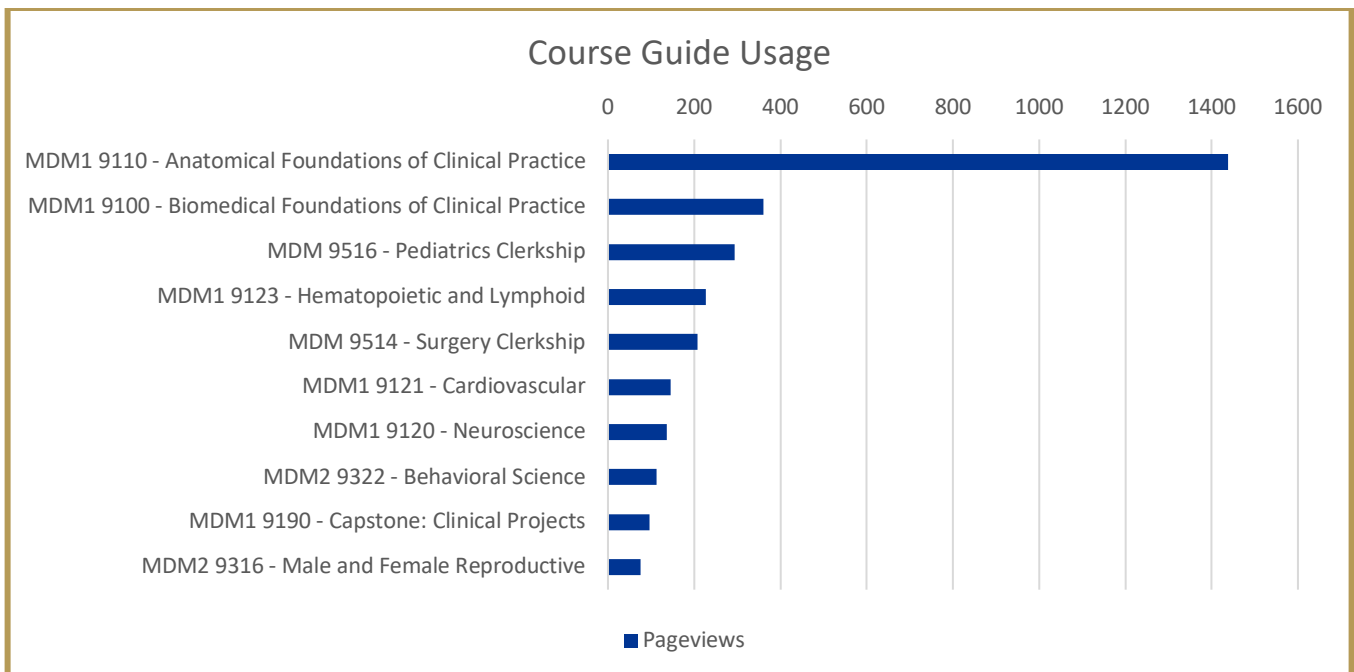
Event Label <sup>?</sup>	Total Events <sup>?</sup>	↓ Unique Events <sup>?</sup>
	<b>8,587</b> % of Total: 100.00% (8,587)	<b>6,147</b> % of Total: 100.00% (6,147)
1. PubMed - homepage search	<b>6,122</b> (71.29%)	<b>4,299</b> (69.94%)
2. PubMed - subpage search	<b>1,313</b> (15.29%)	<b>943</b> (15.34%)
3. PubMed - homepage link	<b>510</b> (5.94%)	<b>445</b> (7.24%)
4. PubMed - articles search	<b>466</b> (5.43%)	<b>295</b> (4.80%)
5. MeSH - homepage link	<b>96</b> (1.12%)	<b>92</b> (1.50%)
6. PubMed - subpage link	<b>63</b> (0.73%)	<b>56</b> (0.91%)
7. MeSH - subpage link	<b>17</b> (0.20%)	<b>17</b> (0.28%)

## COURSE & SUBJECT GUIDES

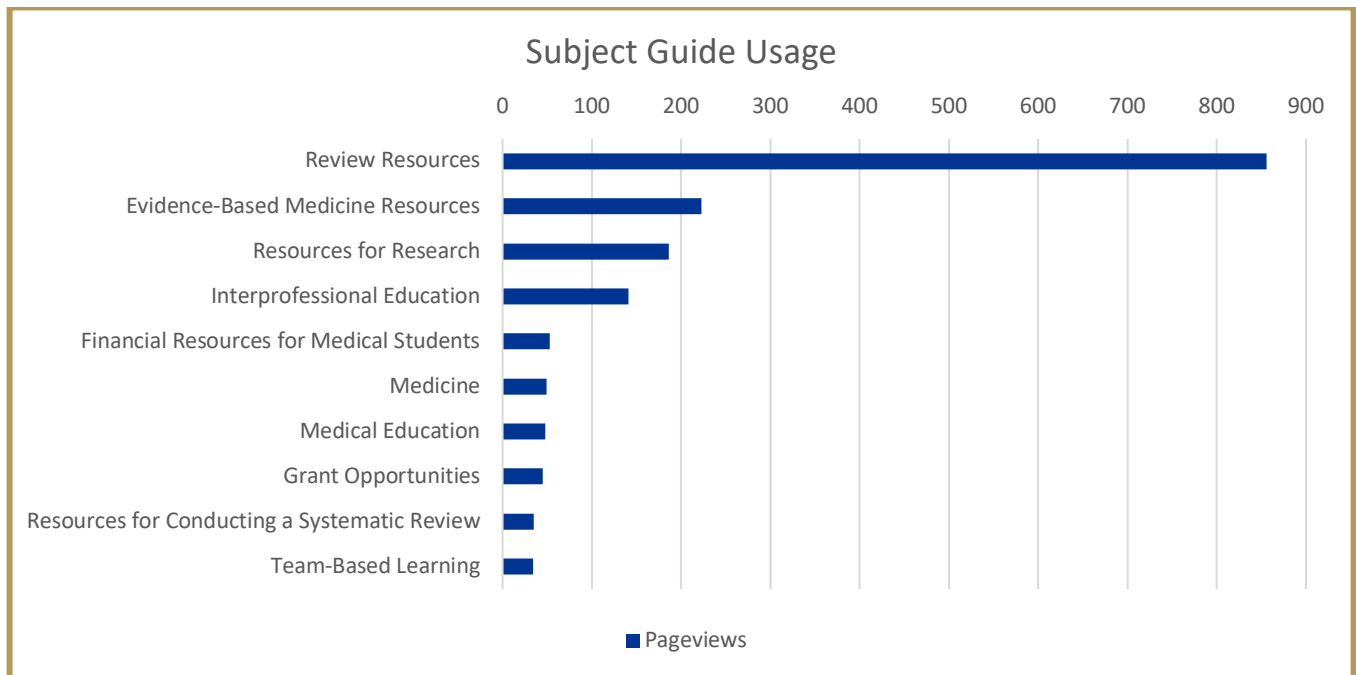
Of all our course and subject guides, “MDM1 9110 – Anatomical Foundations of Clinical Practice” was the most used guide with 1,438 views, followed by “Review Resources” with 856 views, and “MDM1 9100 – Biomedical Foundations of Clinical Practice” with 361 views.



## COURSE GUIDES



## SUBJECT GUIDES



## WEBSITE PROJECTS

### ACCESSIBILITY (WCAG 2.0 COMPLIANCE)

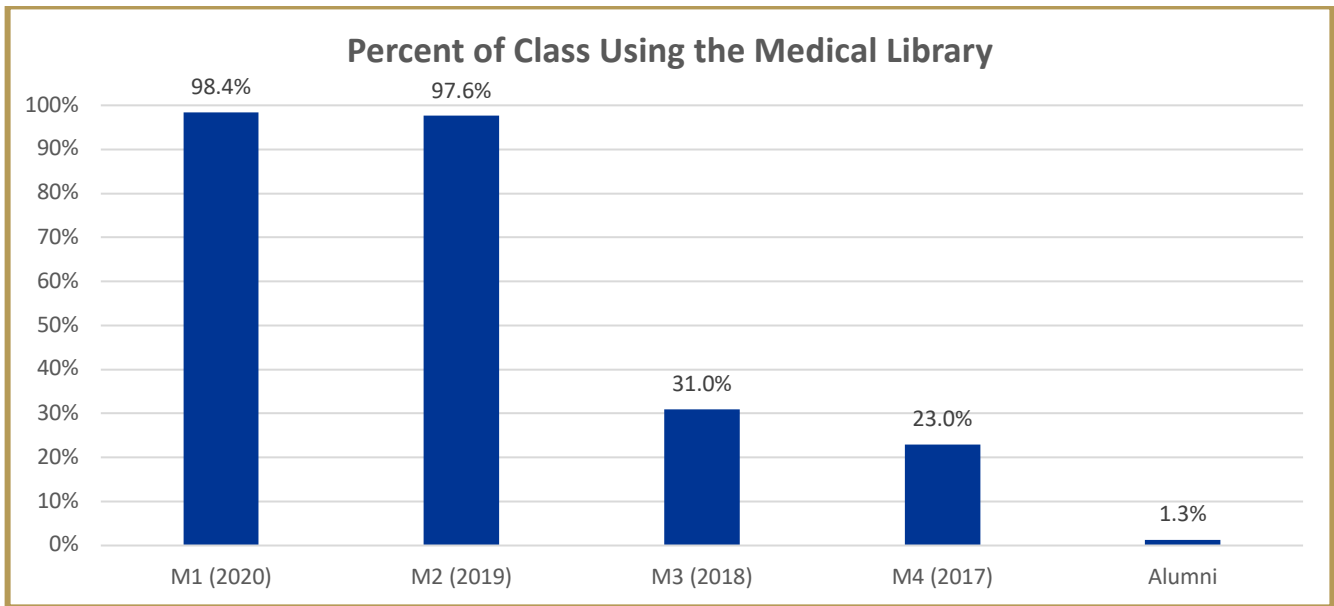
In May of 2017, the Medical Library initiated an internal audit of our website for accessibility issues as outlined in the Web Content Accessibility Guidelines (WCAG) version 2.0, published by the W3C. We found issues such as img tags missing alternative text, a few broken links, search forms without labels, and areas of low contrast. As of June 2017, the Medical Library is working to correct these issues alongside Kresge Library. This will be a major project for the up-coming academic year.

# Study Spaces

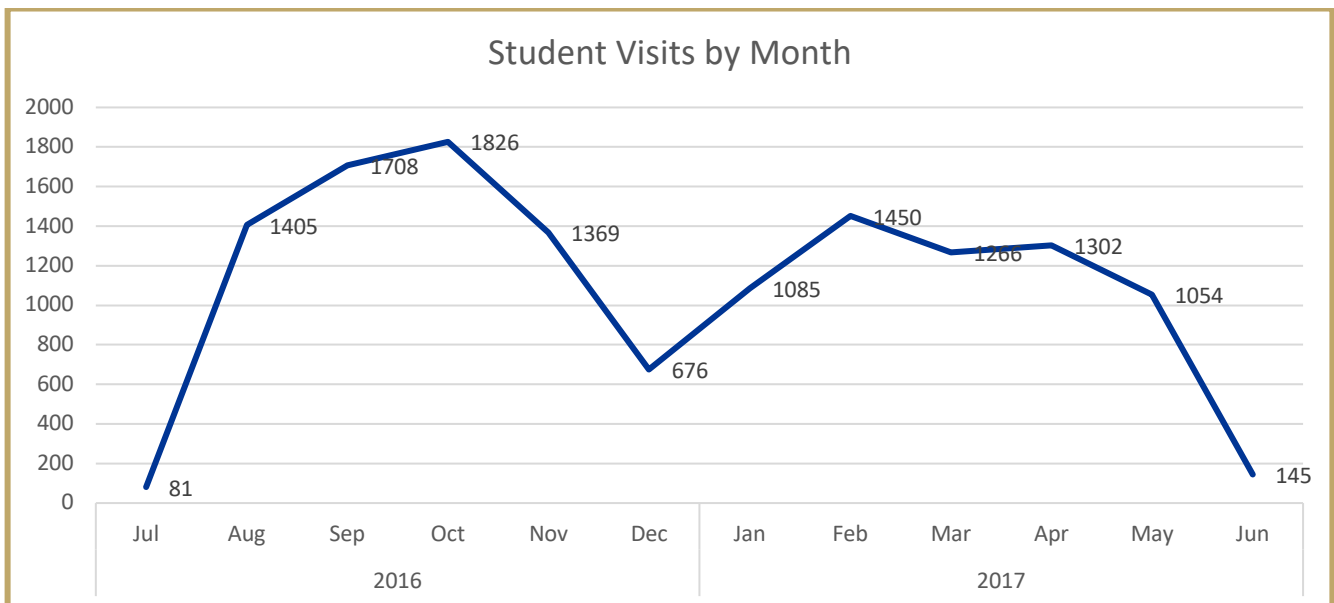
The Medical Library provides space for individual quiet (i.e. silent) study, small group study, and larger collaborative study. Medical Library space on the OU campus is used mainly by M1 and M2 students but a small percentage of our usage is from M3 students, M4 students, and alumni.

## PHYSICAL SPACE

**Percent Utilization by Class** These percentages are derived from the number of unique students using the medical library space divided by their total class size.



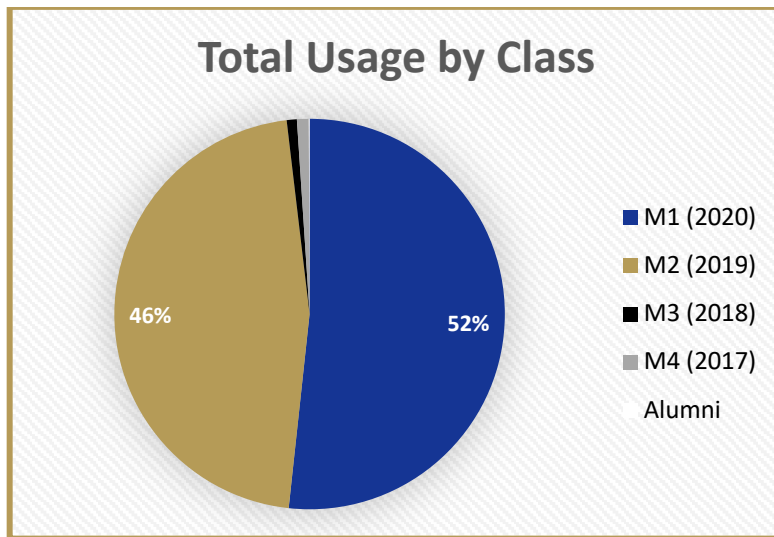
**Student Visits by Month** A 'visit' is defined as one or more card reader swipe(s) per student per day





**Total Visits by Class** A 'visit' is defined as one or more card reader swipe(s) per student per day

Table 11: Total Usage by Class	
Expected Graduation Year	Number of Visits
M1 (2020)	6912
M2 (2019)	6204
M3 (2018)	112
M4 (2017)	130
Alumni	9



Note that these numbers are based on badge swipes as students enter the rooms and undoubtedly under-represent actual use. It is quite common to see a single student use his badge to open the door for several other students when arriving in a group.

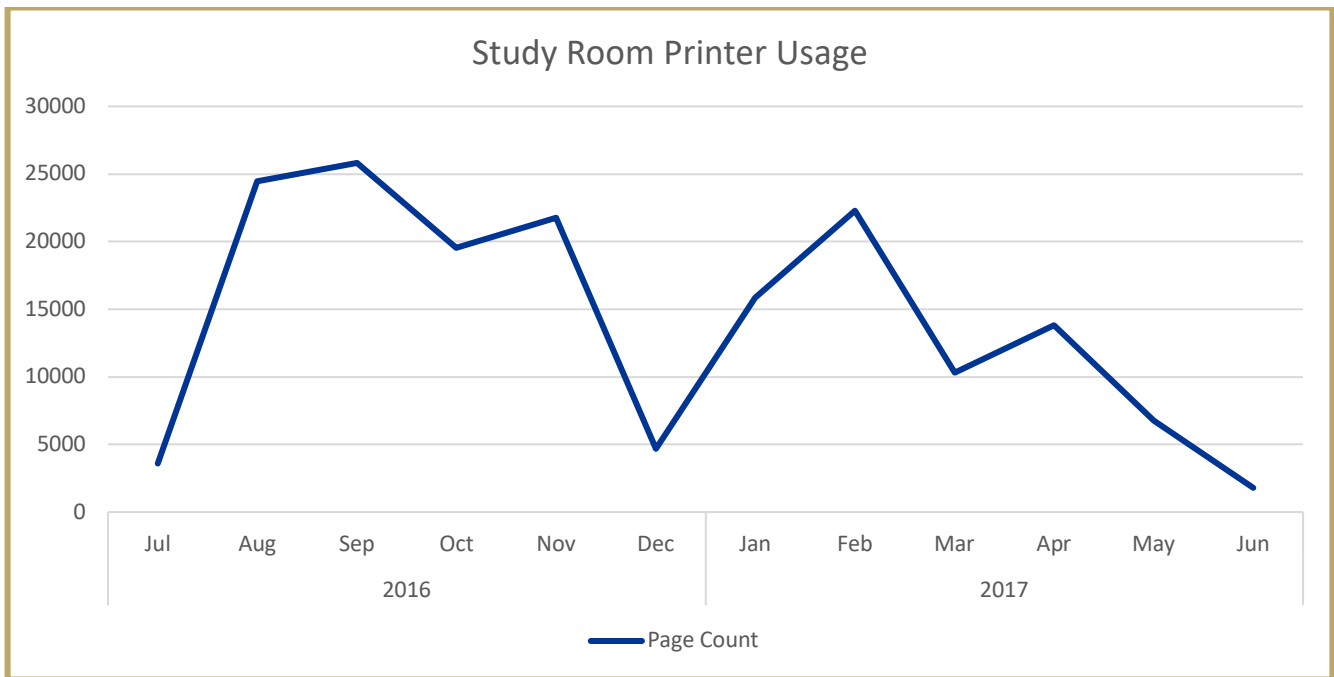
## PRINTER USAGE

In addition to using the physical space, students make heavy use of the printers in the Medical Library Study Room. Table 12 and the corresponding graph below provide an overview by month of the number of pages printed using the two printers in our space.

After transitioning away from GoPrint in March 2016, the Medical Library’s study room printers were available, free of charge, to students for printing in both color and grayscale. At the end of October 2016, the printers were configured to only print in grayscale. In late January 2017, we discovered a regression in this configuration whereby students were once again able to print in color; we restored the grayscale-only configuration, and are continuing to monitor the printers for changes.

**Table 12: Pages Printed By Month**

2016						2017					
Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
3,610	24,469	25,821	19,527	21,753	4,687	15,869	22,271	10,298	13,795	6,770	1,795



# Community Engagement & Outreach

## EVENTS

### OUTREACH PARTNERSHIPS WITH OUWB DIVERSITY & INCLUSION

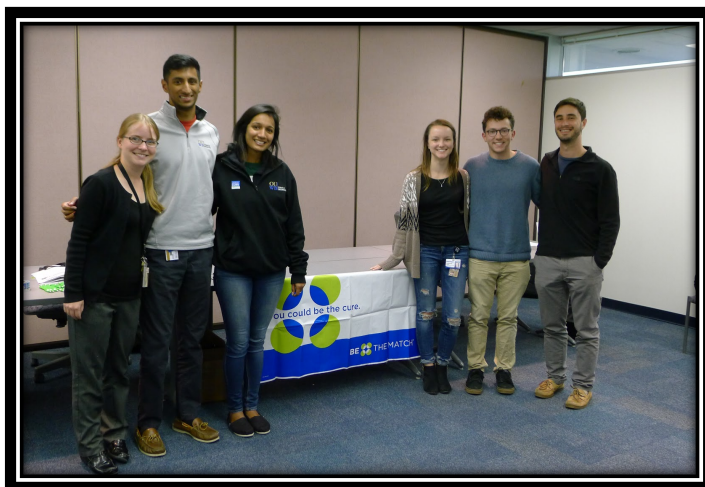
As part of our ongoing efforts to support the community-focused mission of OUWB, the Medical Library continued leading and participating in several impactful events in partnership with OUWB Diversity & Inclusion.

**Summer Research Opportunity Program (July 18 – 29, 2016)** Stephanie Swanberg, Dr. Misa Mi, and Dr. Celeste Farr co-developed this OUWB Diversity & Inclusion-sponsored two-week program for high school students focusing on information searching skills, social determinants of health, and analyzing clinical cases. Stephanie Swanberg and Misa Mi developed three instruction sessions as part of the program:

- Introduction to the Research Process & Research Searching Skills – Stephanie Swanberg & Misa Mi
- Overview of Resources for Case, Part 1 – Misa Mi
- Citing Sources & Overview of Resources for Case, Part 2 – Stephanie Swanberg

Stephanie Swanberg also created the syllabus and program schedule and served as the onsite mentor during the student final group presentation work time in the second week. Both Misa and Stephanie provided narrative, formative feedback to each student on their individual reflections and the final group case presentation. Four students participated in the program.

**5<sup>th</sup> Annual Organ & Bone Marrow Donor Registration Drive (September 26 – 28, 2016)** Stephanie Swanberg again served as primary coordinator of this event at OUWB as part of Michigan Libraries for Life, the statewide initiative started at the University of Michigan in 2010 to raise awareness of organ donor registration on college campuses. The library partnered again this year to work with the OUWB Student National Medical Association (SNMA), the OU Minority Association of Pre-Medical Students (MAPS), and the OU Cancer Awareness Society as well as with OUWB Diversity & Inclusion. The drive was hosted for 12 hours over three days and included bone marrow donor registration with 53 volunteers who spoke with 205 people, registered 24 new organ donors and 41 new bone marrow donors. This brings our five-year total to registering 207 new organ donors, 132 new bone marrow donors, and speaking with 1,421 people!



To kick-off the drive this year, Stephanie Swanberg coordinated a special opening event “Their Voices, Their Stories: Physicians’ Roles in Supporting Organ Donation” on September 19 featuring:

- Dr. Jeffrey Devries, Director of Graduate Medical Education at Beaumont Health & Associate Dean for GME at OUWB, who shared his family’s personal story with organ donation, and
- Dr. Alan Koffron, Director of Transplantation Surgery at Beaumont Hospital Royal Oak.

Lunch was generously sponsored by Gift of Life Michigan with 68 OUWB students, faculty, and staff attending the event.



**Martin Luther King Day of Service (January 20, 2017)** Keith Engwall and Stephanie Swanberg promoted easy-to-read, quality health information through the National Library of Medicine’s MedlinePlus website as well as informational handouts on common diseases and conditions as part of the OUWB’s Community Health Fair at Chandler Park Academy in Harper Woods. The library continued our “print on-demand” service using a mobile printer to print quality health information for community members on their topics of interest right at the information table.

**Bioengineering Biomedical Sciences Summer Program** During the last two weeks of June 2017, Keith Engwall participated as the embedded librarian and webmaster for a summer STEM program hosted by OUWB and the School of Engineering. The Future Physicians Summer Enrichment Program, in its seventh year, provided approximately 30 high school students with nine days of medical sessions covering such topics as wellness, anatomy, drug Interactions, and genetics. Over the course of the 9-day program, students conducted group research projects culminating in the formal presentation of a scholarly infographic during on the final day. Keith created the program’s website, provided research assistance, and also facilitated a small group in a problem-based learning session on Social Determinants of Health.

**Summer Research Opportunity Program (June 26 - July 24, 2017)** Misa Mi and Stephanie Swanberg co-coordinated this OUWB Diversity & Inclusion-sponsored program for high school students again this year. The structure and focus of the overall program significantly changed from 2016 with a new focus on bench and lab research experience with Dr. Richard Kennedy, OUWB Associate Dean for Research, and the Beaumont Research Institute. As a result, this portion of the program was redeveloped to be the Information Literacy Course focusing on the research process, developing research questions, as well as searching and evaluating the literature. Beginning on June 26, four Monday afternoon sessions were held with four high school students and included a combination of didactic lecture, individual and small group activities, and independent work time. This portion of the program ended with individual student reflections and a group presentation focused on the information literacy pieces on their research project with Dr. Kennedy on July 24.

## OTHER OUTREACH PROGRAMS

**NN/LM GMR Outreach Express Award for Health Information Outreach Project** Misa Mi applied for and received the Outreach Express Award in the amount of \$10,030.44 from the National Network of Libraries of Medicine Greater Midwest Region (NN/LM GMR) to conduct a health information outreach project with homeless patients in the southeast Michigan area. The funding was used to purchase a variety of computer hardware and software for use at the HOPE Warming Center in Pontiac, MI as well as for health information literacy training. Misa provided four training sessions for staff and patients at the Center on April 18 and April 20, 2017. In May and June, a medical student, Sameen Ansari, continued to offer training sessions for patients as they were admitted to the Center.

In addition, Mitchell Roe served as a technical consultant for grant project. In this role, he completed a number of tasks including: obtaining price quotes for software and hardware items during the stage of budget planning; purchasing and receiving all the hardware and software items for the project (iMac computer, printer, tablet, print toner cartridges, flash memory sticks, data projector, and screen) with Shirley Anderson, Library Assistant; and setting-up and configuring a Mac computer and PC laptop. In April, Mitchell visited the HOPE Center and worked with a staff member to install the Mac computer, connect it to a printer, and ensure the Internet was accessible on the computer. He also returned in late April to connect a video projector with a laptop computer for Misa's training sessions.

**3<sup>rd</sup> Annual Medical Library Open House** The Medical Library hosted its third Annual Open House on August 24, 2016. Designed to bring people to the Medical Library spaces, it provided an opportunity for students, faculty and staff to meet and mingle in an informal setting and to introduce (or re-introduce) them to the resources available. Articles written by OUWB students were displayed, showcasing the school's scholarly activity.

**3<sup>rd</sup> Annual Harvest of Health Fest** On October 21, 2016 Stephanie Swanberg and Evan Sprague promoted easy-to-read, quality health information through the National Library of Medicine's MedlinePlus website as well as distributing informational handouts on common diseases and conditions as part of the OUWB's Harvest of Health Fest at Avondale High School in Auburn Hills.

**4<sup>th</sup> Annual Open Access Week (October 24 - 30, 2016)** For the fourth year, Stephanie Swanberg planned and coordinated Open Access Week activities on OU's campus with Julia Rodriguez, Scholarly Communications Librarian at OU Libraries. Four educational events were sponsored with 36 total attendees:

- October 24 – Why You Should Care About OA – OU Libraries in Action presented by Julia Rodriguez
- October 25 – Collaborative Tools for Professional & Research Projects presented by Keith Engwall
- October 26 – “Please Submit Your Manuscript with Us”: Protecting Against Predatory Publishers presented by Stephanie Swanberg
- October 27 – Deposit-A-Thon: Making Your Scholarship Openly Available

## EXHIBITS

This year, the Medical Library hosted two exhibits focused on Civil War Medicine:

**“Life and Limb: The Toll of the American Civil War”** The Medical Library hosted this fascinating historical National Library of Medicine traveling exhibit from August 1 – September 10, 2016. The



exhibit highlighted Civil War medicine with a focus on lives of amputee veterans following the war. This is the first of two consecutive exhibits on Civil War era medicine with the second to be hosted during African American Celebration Month in February 2017.

### “Binding Wounds, Pushing Boundaries: African Americans in Civil War Medicine”

Just in time for OU's African American Celebration Month, the Medical Library hosted this National Library of Medicine traveling exhibit, February 6 - March 18, 2017, in the Kresge Library Lobby. The exhibit chronicles the lives and contributions of the African American men and women who worked as nurses, surgeons, and in other medical roles during the Civil War.



## LIBRARY NEWSLETTER

The Medical Library published 11 issues of our monthly newsletter, *Medical Library News*, this past year with Stephanie Swanberg continuing as editor. The ongoing purpose of the newsletter is to reach out to OUWB faculty, students, and staff to share information about new library resources and activities; provide tips and techniques for using information tools; and to foster scholarly communication within the OUWB School of Medicine. New this year, the newsletter featured an instructional column written by Nancy Bulgarelli called “PubMed Search Tip of the Month.” This column provided brief overviews of various PubMed search features and tools to aid students, faculty, and staff in searching and organizing the literature using this key resource.

With Oakland University’s transition from Careworks to Emma for creating eNewsletters, the Medical Library can now track the reach and impact of our newsletter. Table 13 provides an overview of the newsletter’s usage from October 2016 - June 2017. Recipients of the newsletter include all OUWB students, faculty, and staff, OUWB clinical faculty, and OU Libraries faculty and staff.

**Table 9: Medical Library News Usage Statistics, October 2016 – June 2017**

Month of Newsletter	# Times Newsletter was opened	# Times Links were Clicked within Newsletter	Total Recipients
June 2017	588	24	2,749
May 2017	590	24	2,753
April 2017	628	49	2,758
March 2017	662	19	2,761
February 2017	650	52	2,722
January 2017	671	16	2,739
November/December 2016	574	31	2,743
October 2016	560	10	2,899

All issues are available on the Medical Library website: <http://medlib.oakland.edu/news/newsletter.php>

**ARCHIVING OUWB NEWSLETTERS** With the impending retirement of Careworks, the university’s previous content management system, Keith Engwall implemented a project with the assistance of Mitch Roe to preserve historical School of Medicine content published over the Careworks platform dating back to 2011. With no export functionality available, custom scripts were written to save local copies of the web pages in their native format along with embedded images. The Medical Library downloaded OUWB newsletters, communications, and other documents from Careworks and stored them in a digital archive on the School of Medicine file server. Table 14 provides a summary of the content archived through the newsletter preservation project:

<b>Table 14: Breakdown of OUWB Newsletters Archived</b>	
<b>Category</b>	<b>Documents Archived</b>
Admissions	55
Center for Excellence in Medical Education	21
Compass	44
Dean’s Office	129
Medical Library	59
Parent Program	22
<b><i>Total Documents Archived</i></b>	<b>330</b>

Without this intervention, much of our OUWB history would have been lost.

## Other Initiatives & Activities

**OPEN ACCESS GRANT PROGRAM** With the three-fold goals of providing additional venues for faculty publication, enhancing the visibility of faculty research, and educating faculty about OA journals as an alternative publication model, the Medical Library continued a small fund to cover the author fees associated with these journals. In order to be eligible, the journals must meet strict criteria including having peer review and being indexed in by PubMed, Scopus or Web of Science. Five faculty members submitted grant applications and received funding for their publications at a total cost of \$4,576.86.

**Table 15: Open Access Grant Program**

FACULTY	TITLE	PUBLICATION	PUBLICATION FEE
<b>Tracy Taylor</b>	A Versatile Method for Immunofluorescent Staining of Cells Cultured on Permeable Membrane Inserts	Medical Science Monitor	\$850.00
<b>Nelia Afonso</b>	Will They Lead by Example? Assessment of Vaccination Rates and Attitudes to Human Papilloma Virus in Millennial Medical Students	BMC Public Health	\$1,823.25
<b>Wanda Reygaert</b>	Antimicrobial Resistance Mechanisms of Escherichia Coli	Book: Escherichia Coli; InTech	\$696.80
<b>Douglas Gould</b>	Student Directed Learning in Medical Neuroscience Curricula: A Review of the Literature	International Journal of Medical Education	\$641.39
<b>Inaya Hajj Hussein</b>	Re-emerging Infectious Diseases in War-affected Peoples of the Middle East – An Update	Wulfenia Journal	\$540.00

Unfortunately, the Wulfenia Journal to which Dr. Hajj Hussein had submitted her article had been hacked and her article and its processing fee was diverted to a predatory publisher. We have put extra checks in place to safe guard from this happening in the future.

**PUBLICATION ANALYSIS REPORT SERVICE** As part of our support of faculty scholarship, the library started a new service and provided 20 Publication Analyses for faculty members. These reports included various metrics such as journal impact factors and author h-index. Publication analyses were requested by Faculty Affairs, department chairs, and individual faculty members.

**ONLINE RESOURCE GUIDES** The Medical Library debuted two new online topic guides this year. These online guides provide a single, comprehensive webpage of resources related to a topic.

**New Clerkship Guides** In our ongoing efforts to support the clinical clerkships, Nancy Bulgarelli created new online clerkship resource guides for:

- Surgery: <https://research.library.oakland.edu/sp/subjects/guide.php?subject=MDM9514>
- Ophthalmology: <https://research.library.oakland.edu/sp/subjects/guide.php?subject=MDM9524>

In addition, all course guides for the M1 and M2 years were updated and reviewed with the course directors.



**AUTHORS AT OAKLAND** The School of Medicine was well-represented at Kresge Library’s annual Authors at Oakland event, with the work of more than 200 faculty from every department on display. As per the event’s guidelines, each author was permitted to contribute one journal article for inclusion in the bibliography, slide show, and display. This was a wonderful way for the OU community to learn more about breadth and depth of OUWB’s scholarly output. Many thanks to Evan Sprague for his efforts in the submission process.

# Service

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Medical Library faculty and staff have been busy supporting the OUWB, Oakland University, and our professional organizations by serving on a number of committees, task forces, and groups and by providing guidance and leadership in a number of positions.

## **Nancy Bulgarelli**

### *Professional*

- Member, New Health Science Libraries Committee, Association of Academic Health Sciences Libraries (national)
- Member, Program Committee, Association of Academic Health Sciences Libraries (national)
- Chair, Archives Task Force, Metropolitan Detroit Medical Library Group (local)
- Immediate Past-President, Metropolitan Detroit Medical Library Group (local)

### *Institutional*

- Designee, Senior Vice President for Academic Affairs and Provost, OU Faculty Senate Library Committee
- Chair, OUWB Committee on Student Awards
- Member, OUWB Admissions Committee
- Ex-Officio, OUWB Medical Library Committee
- Chair, OU Libraries Frank Lepkowski Undergraduate Research in Writing Award Committee
- Member, OU Libraries Administrative Leadership Team
- Member, Beaumont Hospitals Medical Library Committee

## **Keith Engwall**

### *Professional*

- Reviewer, *Journal of the Medical Library Association* (JMLA)
- Reviewer, *Medical Science Educator*, Journal of the International Association of Medical Science Educators
- Co-Convener, New Members Special Interest Group, Medical Library Association (national)
- Member, Medical Library Association Research Agenda Systematic Review Team (national)
- Member, MLA/Thomson Reuters Doctoral Fellowship Jury, Medical Library Association (national)
- Chair, 2017 Conference Technology/AV Committee, Joint Meeting of the Midwest Chapter of the Medical Library Association and Michigan Health Sciences Libraries Association (regional)
- Chair, Resource Sharing Committee, Michigan Health Sciences Libraries Association (state)

### *Institutional*

- Board Member, OUWB Center for Excellence in Medical Education Advisory Board
- Chair, M2 Embark Oral Presentation Subcommittee
- Co-Chair, OUWB Poster Subcommittee, 2017 Medical Education Week Planning Committee
- Member, OUWB 2017 Medical Education Week Planning Committee
- Member, OUWB Student Awards Committee
- Member, OUWB Diversity Council
- Member, OUWB Embark Presentations Committee
- Member, M3 Embark Mini-Manuscript Committee
- Judge, M2 Embark Oral Presentations
- Judge, M3 Capstone Mini-Manuscripts
- Reviewer, OUWB Student Peer Feedback

- Member, OU Libraries Library Technologies Team
- Member, OU Libraries Online User Interface Committee

## **Misa Mi**

### *Professional*

- Abstract Reviewer, Poster and Paper sessions of International Association of Medical Science Educators Annual Conference (international)
- Abstract Reviewer, Research in Medical Education (RIME) proposals of AAMC Annual Meeting (national)
- Abstract Reviewer, Medical Education Scholarship, Research, and Evaluation and Innovations in Medical Education Poster sessions, Annual Central Group on Educational Affairs (CGEA) Meeting (regional)
- Convener, Medical Library Association SIG Information Literacy in Medical Education (national)
- Member, Journal of the Medical Library Association Editorial Board, Medical Library Association (national)
- Member, Lindberg Research Fellowship Jury, Medical Library Association (national)
- Member, McClure Award Jury, Medical Library Association (national)
- Mentor of Provisional Members of the Academy of Health Information Professionals, Medical Library Association (national)
- Convener, CGEA SIG Libraries in Medical Education (LiME) (regional)
- President, Metropolitan Detroit Medical Library Group (local)
- Ex-Officio, Outreach Ad Hoc Group Committee, Metropolitan Detroit Medical Library Group (local)

### *Institutional*

- Board Member, Advisory Board for Center for Excellence in Teaching and Learning, Oakland University
- Board Member, OUWB Center for Excellence in Medical Education Advisory Board
- Member, OUWB Executive Committee
- Member, OUWB Curriculum Committee
- Member, OUWB Departmental Committee on Appointments, Promotion & Tenure
- Member, OUWB Embark Presentations Committee
- Member, OUWB M2 Embark Oral Presentation Committee
- Member, Capstone Project Digital Poster Evaluation Committee
- Member, OUWB Grading Policy Ad-Hoc Committee
- Member, OUWB 2017 Medical Education Week Planning Committee
- Member, OUWB 2017 Medical Education Week Poster Subcommittee
- Member, OUWB Interprofessional Education Task Force
- Member, OUWB Student Promotion Review Committee
- Faculty Advisor, OUWB Medical Students' Medical Mandarin Group
- Faculty mentor of five medical student Capstone projects
- Faculty mentor of two junior faculty members, OUWB Department of Biomedical Sciences
- Judge, M2 Embark Oral Presentations
- Reviewer, OUWB Student Peer Feedback
- Member, Assessment Committee, OU Libraries

## **Mitchell Roe**

### *Institutional*

- Member, OUWB Information Technology Team
- Member, OU Libraries Library Technologies Team
- Member, Makerspace Implementation Taskforce
- Member, Library Digital Assets Accessibility Taskforce

### **Evan Sprague**

#### *Professional*

- Chair, Nominating Committee, Metropolitan Detroit Medical Library Group (local)
- Member, 2017 Conference Education Committee, Joint Meeting of the Midwest Chapter of the Medical Library Association and Michigan Health Sciences Libraries Association (regional)

### **Stephanie Swanberg**

#### *Professional*

- Reviewer, *Journal of the Medical Library Association* (JMLA)
- Reviewer, *Current Reviews for Academic Libraries* (CHOICE), Association of College and Research Libraries
- Abstract Reviewer, Conference Submissions for the 2017 Medical Library Association Annual Meeting (national)
- Abstract Reviewer, Conference Submissions for the 2017 CGEA Spring Meeting (regional)
- Convener, Outreach and Marketing Special Interest Group, Medical Library Association (national)
- Chair, Bylaws Committee, Public Services Section, Medical Library Association (national)
- Member, Public Services Section Nominating Committee, Medical Library Association (national)
- Member, Education Steering Committee, Medical Library Association (national)
- Member, Task Force on Diversity, Equity, and Inclusion, Association of Academic Health Sciences Libraries (national)
- Co-Chair, 2017 Conference Publicity Committee, Joint Meeting of the Midwest Chapter of the Medical Library Association and Michigan Health Sciences Libraries Association (regional)
- Member, Professional Development Committee, Metropolitan Detroit Medical Library Group (local)
- Member, Outreach Ad Hoc Group Committee, Metropolitan Detroit Medical Library Group (local)

#### *Institutional*

- Board Member, OUWB Center for Excellence in Medical Education Advisory Board
- Chair, OUWB Curriculum Integration Subcommittee
- Chair, OUWB M3 Embark Mini-Manuscript Committee
- Secretary, OUWB 2017 Medical Education Week Poster Subcommittee
- Member, OUWB Embark Presentations Committee
- Member, OUWB 2017 Medical Education Week Planning Committee
- Member, OUWB Communications Board
- Member, OUWB Curriculum Committee
- Member, OUWB Faculty Recognition Committee
- Reviewer, OUWB Student Peer Feedback
- Judge, M2 Embark Oral Presentations
- Member, OU Libraries Events, Exhibits, & Marketing Committee
- Member, OU Libraries Research Data Support Working Group

# Scholarly Activities

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## PUBLICATIONS

### Peer-Reviewed

- Afonso NM, Kavanagh MJ, **Swanberg SM**, Schulte JM, Wunderlich T, Lucia VC. Will they lead by example? Assessment of vaccination rates and attitudes to human papilloma virus in millennial medical students. *BMC Public Health*. 2017;17(1):35.
- Eastwood J, Koppelman-White E, **Mi M**, Wasserman JA, Krug EF, Joyce B. Epistemic cognition in medical education: a literature review. *International Journal of Medical Education*. 2017; 8:1-12.
- Gould DJ, **Mi M**, Patino GA. Student directed learning in medical neuroscience curricula. *International Journal of Medical Education*. 2017; 8: 190-191.
- **Mi M**, Halalau A. A pilot study exploring the relationship between lifelong learning and factors associated with evidence-based medicine. *International Journal of Medical Education*. 2016;7:214-9.
- **Mi M**, Zhang Y. Culturally competent library services and related factors among health sciences librarians: an exploratory study. *Journal of the Medical Library Association*. 2017; 105(2):132-139.
- Osula V, Patino G, **Mi M**, Gould D. Content evaluation of a neuroscience course in an integrated system-based curriculum. *Medical Science Educator*. 2016; December 12. doi:10.1007/s40670-016-0362-4
- **Mi M**, Riley-Doucet C. Health professions students' lifelong learning orientation: associations with their self-assessed competency in information skills. *Evidence-Based Library and Information Practice*. 2016;11(2): 121-135.
- **Mi M**. Leveraging research synthesis for promoting library services and educational programs. *Journal of Academic Librarianship*. 2016; 40 (2):151–153.
- **Mi M**, Wu W, Qiu M, Zhang, YT, Wu L, Li L. Use of mobile devices to access resources among health professions students: a systematic review. *Medical Reference Services Quarterly*. 2016; 35 (1): 64-82.
- **Mi M**. Application of instructional design principles in developing an online information literacy curriculum. *Medical Reference Services Quarterly*. 2016; 35 (1): 112-121.
- **Swanberg SM**, Dennison CC, Farrell A, Machel V, Marton C, O'Brien KK, Pannabecker V, Thuna M, Holyoke AN. Instructional methods used by health sciences librarians to teach evidence-based practice (EBP): a systematic review. *Journal of the Medical Library Association*. 2016;104(3):197-208.
- **Swanberg SM**, **Mi M**, **Engwall K**. An Integrated, Case-Based Approach to Teaching Medical Students How to Locate the Best Available Evidence for Clinical Care. *MedEdPORTAL Publications*. 2017;13:10531. [https://doi.org/10.15766/mep\\_2374-8265.10531](https://doi.org/10.15766/mep_2374-8265.10531)

### Book Chapters

- Joyce BL, **Swanberg S**. Using backward design for competency-based undergraduate medical education. In Stefaniak J (ed). *Advancing Medical Education Through Strategic Educational Design*. IGI Global, 2017. pp: 53-76.
- **Mi M**. Evaluating: Study Selection and Critical Appraisal. In: Foster M and Jewell S, eds. *Assembling the Pieces of a Systematic Review: A Guide for Librarians*. Lanham, MD: Rowman & Littlefield Publishers; 2017: 125-146.
- **Mi M**. Informal learning in medical education. In Stefaniak J (ed). *Advancing Medical Education Through Strategic Educational Design*. IGI Global, 2017. pp: 225-244.

### Book & Resource Reviews

- **Engwall K**. Anne O'Tate. *Journal of the Medical Library Association*. 2017;105(2):200-202.
- **Sprague E**. ORCID. *Journal of the Medical Library Association*. 2017;105(2):207-208.

- **Swanberg S.** Getting It Right in Science and Medicine – Can Science Progress Through Errors? Fallacies and Facts. *Choice: Current Reviews for Academic Libraries*. 2016;54(4):54-1684.
- **Swanberg SM.** Inter-university Consortium for Political and Social Research (ICPSR). *Journal of the Medical Library Association*. 2017;105(1):106-107.
- **Swanberg SM.** MedEdPORTAL. *Journal of the Medical Library Association*. 2016;104(3):249-252.

## SCHOLARSHIPS, GRANTS & AWARDS

- **Bulgarelli N.** Funded Host Site for MLA “Finding Grey Lit for Systematic Reviews: Can It Be More Black and White?” (\$250)
  - The library was funded through the NN/LM Greater Midwest Region to be a host site for the Medical Library Association sponsored webinar. The webinar was hosted on March 22 with 9 librarians from 6 different institutions in attendance. Many others were able to watch the recording of the session and receive 3 MLA CE credits which counts toward recertification.
- **Mi M.** Health Information Outreach to Homeless Patients at the HOPE Recuperative Care Center (\$10,030.44), Express Outreach Award, National Network of Libraries of Medicine, National Library of Medicine, Greater Midwest Region. Other grant participants: Jason Wasserman & Mitchell Roe
- **Mi M.** Research Paper Award for paper titled “Cultural Competence and Culturally Competent Library Service: A Survey of Health Sciences Librarians.” MACMLA, NY-NJ and PHIL Chapter Meeting, Philadelphia, PA. Collaborator: Yingting Zhang.
- **Mi M.** Educational Innovation/Educational Research Award (\$1000). Oakland University William Beaumont School of Medicine, May 2017.
- **Swanberg S.** Excellence in Service Award (\$1,000). Oakland University William Beaumont School of Medicine, May 2017.

## CONFERENCE ACTIVITIES

### Peer-Reviewed Oral Presentations

- Hackman D, **Mi M**, Long BA, Johnson EL, Van Eck R. Space, Pedagogy, Partners, and Opportunities: A Systemic Approach to Promoting Active Learning and Interprofessional Healthcare Education. Central Group on Educational Affairs Spring Meeting, Chicago, IL, March 2017 (regional)
- **Swanberg SM**, Ansell M, Ball A, Chu F, Handler L, Hickner A, Logan A. Practical Approaches to Assessing Outreach and Marketing Initiatives at Your Library. Medical Library Association Annual Meeting, Seattle, WA, May 2017 (national)
- **Swanberg SM, Engwall K**, Patino G, Rivest R. Practical Strategies for Continuously Assessing Curricular Integration in the Undergraduate Medical Curriculum. Central Group on Educational Affairs Spring Meeting, Chicago, IL, March 2017 (regional)
- Zhang YT, **Mi M**, Lin W, Wendy W. Provision of Research Support Services in Health Sciences Libraries. Taiwan Medical Library Association International Conference, Taipei, Taiwan, April 2017 (international)

### Peer-Reviewed Posters

- **Engwall K, Swanberg S**, Rivest R. Using MeSH to Enrich Curriculum Topic Data for Curriculum Integration. Medical Library Association Annual Meeting, Seattle, WA, May 2017 (national)
- Lin W, **Mi M**, Wendy W, Zhang YT. Health Sciences Librarians’ Roles in Public Access and Open Access. Taiwan Medical Library Association International Conference, Taipei, Taiwan, April 2017 (international)
- **Mi M.** Standardized health informatics instruction for undergraduate medical education: development of a content outline of informatics instruction. Michigan Health Sciences Library Association Annual Conference, Novi, Michigan, October 2016 (state)
- **Swanberg S, Engwall K, Mi M.** Reflections on the First Five Years of Outreach Initiatives at an Emerging Medical Library. Medical Library Association Annual Meeting, Seattle, WA, May 2017 (national)
- **Swanberg S**, Rodriguez J. Promoting Open Access Opportunities on a University Campus: An Educational Approach. Medical Library Association Annual Meeting, Seattle, WA, May 2017 (national)

- Taylor TAH, **Swanberg SM**. Assessing the Effectiveness of Student Peer Feedback in Undergraduate Medical Student Oral Research Presentations. International Association of Medical Science Educators Annual Meeting, Burlington, VT, June 2017 (international)
- Zhang YT, **Mi M**, Lin W, Wendy W. Research Support Services in Health Sciences Libraries. Taiwan Medical Library Association International Conference, Taipei, Taiwan, April 2017 (international)

#### Conference Session Moderator

- **Mi M**. The Dream Realized: Instruction In and Beyond the Classroom Walls. Medical Library Association Annual Meeting, Seattle, WA, May 29, 2017 (national)
- **Swanberg SM**, Handler L. Practical Approaches to Assessing Outreach and Marketing Initiatives at Your Library Panel Discussion. Medical Library Association Annual Meeting, Seattle, WA, May 2017 (national)

#### Non Peer-Reviewed Presentations

- **Mi M**. Informal Learning: Recognition Matters. Lightning talk presented at: Michigan Health Sciences Library Association Annual Conference, Novi, Michigan, October 2016

### **Conference Attendance, Faculty Development, & Continuing Education Activities**

- Keith Engwall, Misa Mi, and Stephanie Swanberg attended the Michigan Health Sciences Libraries Association Annual Conference in Novi, Michigan, October 12-14, 2016.
- Nancy Bulgarelli and Misa Mi participated in the Wayne State University School of Library and Information Science's annual Strategic Planning Retreat on November 1, 2016 at the Schoolcraft College VisTaTec Center.
- Keith Engwall, Misa Mi, and Stephanie Swanberg attended the Central Group on Educational Affairs Spring Meeting (regional chapter of the AAMC) in Chicago, IL, March 29-31, 2017
- Keith Engwall, Misa Mi, and Stephanie Swanberg attended the Medical Library Association Annual Meeting in Seattle, WA, May 27 – 31, 2017
- Keith Engwall and Stephanie Swanberg are participating in the OUWB-sponsored peer coaching program with Central Michigan University SOM and Western Michigan University SOM. The librarian group consists of 7 members (2 from OUWB, 4 from WMU, and 1 from CMU) and hosts virtual meetings every other month to discuss current happenings, strategies for teaching and scholarship, and more.
- Misa Mi hosted two meetings for the Special Interest Group Information Literacy in Medical Education during the Medical Library Association Annual Meeting, Seattle, WA, May 28 and May 30, 2017
- Misa Mi attended the JMLA Editorial Board Meeting during the Medical Library Association Annual Meeting, May 28, 2017

# OUWB Publications List

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This ongoing project recognizes the School of Medicine's scholarly activity by tracking the journal articles, meeting abstracts, book chapters, books and other works written by OUWB faculty, students and staff. Reports are created by searching the institutional affiliation fields in PubMed, Scopus, Web of Science, EMBase, Google Scholar and Google books. In addition, some highly prolific authors are searched by name. Members of the faculty are also asked to submit difficult-to-locate items such as books and book chapters for inclusion. Citations are downloaded to an EndNote database and enhanced with information about the authors' OUWB departments and status. The citations of these works are used in five reports throughout the year.

Each quarter, the Medical Library circulates a report of citations that were located with the above mentioned process. The quarterly reports for the 2016/2017 academic year, identified 776 unique citations. Of those, 114 were by student authors.

Once a year the library also produces an annual (based on the calendar year) compilation of all faculty publications. In an attempt to make this report as comprehensive as possible, we compare all the citations collected over the year with those identified in the Beaumont Research Institute's yearly report, and include any that our automated process overlooked. This comparison will soon be completed for 2016. In the meantime, there is a breakdown of the citations we already identified for 2016 located in Appendix 4. This breakdown includes publication totals by department as well as publication type.

All quarterly and annual publication reports are posted on the Medical Library's web site at [https://medlib.oakland.edu/about/publication\\_lists.php](https://medlib.oakland.edu/about/publication_lists.php).



## Appendix 1

### 2016/2017 Top Accessed Journals

	Journal Title	Downloads
1	JAMA	11829
2	New England Journal of Medicine	6339
3	JAMA Internal Medicine	3274
4	Annals of Internal Medicine	2740
5	AJN, American Journal of Nursing	2519
6	Nursing	2281
7	Science	2035
8	Medicine & Science in Sports & Exercise	1868
9	Journal of Strength & Conditioning Research	1275
10	JAMA Pediatrics	1217
11	The Lancet	1074
12	JAMA Surgery	1074
13	Academic Medicine	924
14	Journal of Nursing Care Quality	916
15	Journal of Nursing Administration	893
16	MCN, American Journal of Maternal Child Nursing	770
17	Nursing Management	758
18	Journal of the Academy of Nutrition and Dietetics	666
19	JAMA Psychiatry	658
20	Obstetrics & Gynecology	635
21	JAMA Ophthalmology	628
22	American Journal of Infection Control	611
23	Journal of Wound, Ostomy & Continence Nursing	607
24	Dimensions of Critical Care Nursing	601
25	JAMA Neurology	582

Several of the top journals listed here are nursing journals. This is because we subscribe to publisher packages that include journals within a variety of health sciences fields. In this way our collections benefit not only the School of Medicine, but the Oakland University campus as a whole. OUWB, in turn, benefits from journal packages purchased by Kresge library. Some of the top medical Journals that Kresge subscribes to through its packages include such titles as *BMJ*, *Journal of Adolescent Health*, *American Journal of Preventive Medicine*, *Health Affairs*, and the *American Journal of Obstetrics and Gynecology*. This reciprocal relationship allows us to provide the best selection of resources possible to our students.

## Appendix 2

### 2016/2017 Top Accessed eBooks

Book Title	Total Usage
1 Bates' Guide to Physical Examination and History Taking 11e	3861
2 Immunology: A Short Course	1751
3 Case Files: Emergency Medicine 3e	1669
4 Neurology: PreTest® Self-Assessment and Review, 9e	1298
5 Marks' Basic Medical Biochemistry: A Clinical Approach 4e	1254
6 Case Files: Ob/Gyn 4e	1251
7 Tintinalli's Emergency Medicine: A Comprehensive Study Guide, 8e	1239
8 Harrison's Principles of Internal Medicine	1018
9 Basic & Clinical Pharmacology, 13e	972
10 Pulmonary Physiology, 8e	893
11 Case Files: Psychiatry 5e	863
12 Junqueira's Basic Histology, 14e	857
13 Langman's Medical Embryology 13e	834
14 Case Files: Family Medicine 3e	791
15 Pathophysiology of Heart Disease: A Collaborative Project of Medical Students and Faculty 6e	790
16 Case Files: Neurology 2e	765
17 The Medical Interview (Third Edition)	716
18 Obstetrics and Gynecology American College of Obstetricians and Gynecologists 7e	713
19 Robbins & Cotran Pathologic Basis of Disease (Ninth Edition)	686
20 Resolving Ethical Dilemmas: A Guide for Clinicians 5e	587
21 Miller's Anesthesia (Eighth Edition)	522
22 Bates' Guide to Physical Examination and History Taking 12e	494
23 Medical Microbiology (Eighth Edition)	389
24 Introductory Textbook of Psychiatry, Sixth Edition	374

## Appendix 3

# 2016/2017 Resources Stats

Database	Measurement	Total Usage
Access Medicine	Downloads	11,805
Access Pediatrics	Downloads	1,301
Access Physiotherapy	Downloads	1,423
Access Surgery	Downloads	1,561
Aclands	Downloads	12,172
Allen Press	Downloads	29
Annals of Internal Medicine	Downloads	2,740
Annual Review	Downloads	358
Bates Visual Guide	Downloads	5,253
BrowZine	Sessions	547
Case File Collection	Downloads	10,503
Clinical Key (Books)	Downloads	8,698
Clinical Key (Journals)	Downloads	28,290
Cochrane	Downloads	1,798
EMBase	Sessions	298
Exam Master	Logins	493
Gender Watch	Downloads	3,195
HemOnc	Downloads	245
Highwire Press	Downloads	2,213
Ingenta	Downloads	26
Jama	Downloads	21,178
Jama Archives	Downloads	2,349
Jama Evidence	Downloads	261
Journal of Clinical Ethics	Downloads	159
LWW Health Library	Downloads	12,940
LWW Total Access Collection (Books)	Downloads	802
LWW Total Access Collection (Journals)	Downloads	39,133
LWW Total Access Collection Archive (Journals)	Downloads	1,598
McGraw-Hill eBook Library	Downloads	620
Nature	Downloads	850
New England Journal of Medicine	Downloads	6,339
Neurology Collection	Downloads	1,744
OMMBID	Downloads	23
OVID - Northern Lights	Searches	155

## Appendix 3 Cont.

### 2016/2017 Resources Stats Cont.

Database	Measurement	Total Usage
OVID - Health & Psychosocial Instruments	Searches	369
Psychiatry Online (Books)	Downloads	835
Psychiatry Online (Journals)	Downloads	1,114
R2 Library	Downloads	2,589
Sage	Downloads	17
Science	Downloads	2,112
Science Direct	Downloads	868
Scopus	Searches	6,860
Springer Link	Downloads	182
Stat!Ref	Downloads	783
Taylor & Francis	Downloads	1,009
Thieme (Books)	Downloads	1,399
Thieme (Journals)	Downloads	11
UpToDate	Downloads	38,715
USMLE Easy	Logins	1,157
Wiley	Downloads	672

## Appendix 4

# OUWB Publications

## Summary by Department 2016 (Preliminary)

Department	Total Citations	Articles in Peer-Reviewed Journals	Books & Book Chapters	MedEd Portal	Meeting Abstracts	Misc.*
Administration	6	5				1
Clinical Skills Training and Simulation Center	-					
Department of Anesthesiology	14	8	2		1	6
Department of Biomedical Sciences (BHS Based)	28	14			14	
Department of Biomedical Sciences (OU Based)	48	25	7	3	8	5
Department of Diagnostic Radiology and Molecular Imaging	41	22	7		7	5
Department of Diversity and Inclusion	-					
Department of Education Technology	-					
Department of Emergency Medicine	45	29	1		14	1
Department of Family Medicine	8	7				1
Department of Internal Medicine	173	87	4		49	33
Department of Medical Education	2	1			1	
Department of Neurology	4	2	1		1	
Department of Neurosurgery	14	8	2		3	1
Department of Obstetrics and Gynecology	55	30	2		19	4
Department of Ophthalmology	60	34	2		13	11
Department of Orthopedic Surgery	26	20	3		1	2
Department of Pathology	51	24	7		16	4
Department of Pediatrics	17	7		1	5	4
Department of Physical Medicine and Rehabilitation	4	1			1	2
Department of Psychiatry	2	1				1
Department of Radiation Oncology	92	31			54	7
Department of Student Affairs	-					
Department of Surgery	48	38			8	2
Department of Urology	76	36	12		17	11
Medical Library	10	7	2	1		
OUWB Medical Student Author	82	45	1	1	28	7
<b>(Taking into account multi-authored publications) Total</b>	<b>740</b>					

\* Miscellaneous items include editorials, letters, non-peer reviewed articles, etc...

Please be aware that these numbers are those the Medical Library has currently have collected. The exact total may change once we compile an annual report of OUWB scholarly publications for 2016. This will be done once we compare our findings against the information in the BRI report for the same period.