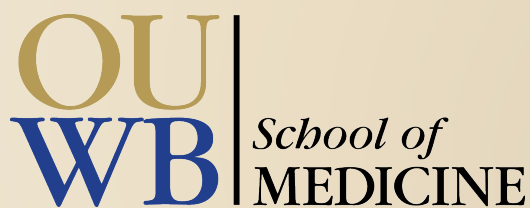




# 2017 – 2018 Annual Report MEDICAL LIBRARY



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## Library & Staff News

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### **NNLM Membership Renewal**

The Medical Library renewed as a member of the National Network of Libraries of Medicine (NNLM), a division of the National Library of Medicine. Our new certificate, signed by Patricia Flatley Brennan, RN, PhD, the NLM's newly appointed director, is proudly displayed in the Medical Library Office. The NNLM "is dedicated to providing high quality information services and improving the public's access to health information."



### **Congratulations to Dr. Misa Mi**

Dr. Mi was appointed the OUWB Director of Curriculum Evaluation in addition to her responsibilities as a faculty member and librarian in Fall 2017. In her new role, Dr. Mi participates in and contributes to institution-wide efforts in the systematic design, development, and implementation of curriculum evaluation strategies, metrics, and associated policies and procedures for educational effectiveness.



### **Farewell to Evan Sprague**

The Medical Library said a fond farewell to Evan Sprague, Medical Library Assistant, who accepted a new position as Research and Publishing Support Librarian at Washington University in St. Louis, Missouri. Evan had been responsible for numerous projects in the Medical Library including publication reports, statistical tracking, the online textbook lists, and so much more. He will be badly missed, but we wish him the best as he enters an exciting new phase of his career.

# Instruction

## Students

### New Student Orientation

Based on the past year's success, the structure of the Medical Library orientation session remained the same this year. All students started in O'Dowd Hall for a brief introduction to library faculty and staff and then were divided into two groups. The first group began with a presentation by Dr. Misa Mi and Keith Engwall that introduced the concept of information mastery and included a virtual tour of the web site and an overview of library services and resources and was 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. We regard this as the first session of the library's Information Mastery curriculum, which is threaded throughout the first two years.

### M1 Embark Course

Information Mastery sessions in the Embark 1 and 2 courses remained consistent this year with five total sessions between the Fall and Winter semesters. However, the amount of contact time increased by 1 hour from 5 to 6 hours with the extension of the project workshop times to two hours. The M1 Embark sessions for 2017-2018 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 evaluation of medical information resources.

**Table 1: Information Mastery Sessions in the M1 Embark Curriculum, 2017 - 2018**

DATE	TITLE	INSTRUCTOR
August 9, 2017	Researching Potential Mentors (30 min)	Stephanie Swanberg
October 23, 2017	Developing Expert Searching Skills for Your Projects (60 min)	Misa Mi
November 27, 2017	Managing the Literature for Your Capstone Project (120 min)	Stephanie Swanberg
January 29, 2018	Introduction to Systematic Reviews (120 min)	Misa Mi
March 12, 2018	Identifying External Sources for Funding Research Projects (30 min)	Keith Engwall

In addition to instructional sessions, the library faculty continued to provide our guidance and assessment of student information mastery skills in the M1 Embark Course through:

### *M1 Research Question Form Review*

Based on student groups in our new Personal Librarian Program, Nancy Bulgarelli, Keith Engwall, Misa Mi and Stephanie Swanberg reviewed students' Research Question Forms. The four provided formative, narrative feedback to each of their students on their literature search strategies and database selection.

### *Student Project Proposal Writing Time*

Nancy Bulgarelli, Keith Engwall, and Stephanie Swanberg participated in the proposal writing sessions in the M1 Embark course again this year. These sessions are mandatory for any student 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 9, April 16, and April 30, 2018.

### **M2 Embark Course**

Medical Library faculty continued their level of contribution in the M2 Embark course, which focuses on scholarly dissemination practices. Although the number of course sessions remained at four, contact time increased by 30 minutes this year due to the integration of the former M1 session “Keeping Up with the Literature” into the “Strategies for Publishing your Capstone Project” session. Former content on copyright and plagiarism that were removed from the M1 Embark Course were integrated into the “Conducting a Literature Review” session. Table 2 outlines library faculty contribution to the course:

<b>DATE</b>	<b>TITLE</b>	<b>INSTRUCTOR</b>
August 15, 2017	Conducting a Literature Review (45 min)	Keith Engwall
November 14, 2017	Best Practices for Writing an Abstract (90 min)	Stephanie Swanberg
January 9, 2018	Best Practices for Developing Posters and a PowerPoint Presentation (90 min)	Stephanie Swanberg & Keith Engwall
January 30, 2018	Strategies for Publishing Your Capstone Project (90 min)	Stephanie Swanberg

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

#### *M2 Draft Project Abstract Review*

Keith Engwall & Stephanie Swanberg reviewed student draft abstracts along with the two course directors and provided written feedback to approximately 32 students each.

#### *Guided Project Working Time*

Keith Engwall and Stephanie Swanberg continued to share responsibility for attending dedicated project writing sessions in the M2 Capstone course. These sessions are mandatory for students who still need an approved IRB or project proposal. The sessions give students dedicated quiet time to work and also act as office hours for them to ask questions of faculty. Library faculty assisted students with developing research questions, database selection, and formulating search strategies.

#### *M2 Oral Presentations*

Once again, Keith Engwall co-chaired 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.

### **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 sixth iteration in winter 2018, running April 4 - 13, 2018. 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, 2017 - 2018**

DATE	TITLE	INSTRUCTOR
April 4, 2018	Locating the Best Available Evidence Lecture	Stephanie Swanberg
April 4, 2018	Locating the Best Available Evidence Lab	Nancy Bulgarelli, Keith Engwall, Misa Mi, Stephanie Swanberg
April 6, 2018	Systematic Reviews & Meta-Analyses	Misa Mi

In addition to instruction sessions, library faculty participated in the assessment of students in the EBM course. 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 11, and all three participated on completing the non-cognitive evaluations of each student with other members of the course team on May 30, 2018.

### Additional Curriculum Integration

#### *Art & Practice of Medicine 1 Course*

**Flu Vaccine Clinic Day** - On October 19, 2017, 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.

#### *Promotion & Maintenance of Health 1 Course*

**Journal Club Facilitation** - Stephanie Swanberg served as a small group facilitator again this year for the course's two journal clubs on traumatic brain injury in athletes on March 15, 2018 and eCigarettes on May 10, 2018. On March 15, Stephanie Swanberg served as a small group facilitator for this course's journal club session again this year. She led two 45-minute discussions of an article with groups of 5 – 6 students.

**Journal Club Assignments** - Stephanie also participated in providing feedback and grading the journal club assignments. For the March journal club, she provided narrative feedback related to using and citing sources for the student group assignments. For the May journal club, she co-developed the individual student assignment and grading rubric with the course director, Dr. Victoria Lucia, which instructed students to create an informational brochure on e-cigarettes for a middle school audience. And, also graded 51 of the student assignments against the rubric and provided narrative comments.

### Student InfoBite Series

Now in its sixth year, the Medical Library hosted this student lunch series to supplement the content taught in the Information Mastery curriculum and introduce new concepts that are currently not taught elsewhere. Sessions continued to be held in O'Dowd Hall with lunch provided to attendees. Attendance at the four sessions this year totaled 206 students. Table 4 provides an outline of offered sessions.

**Table 4: Student InfoBite Series Sessions, 2017 - 2018**

DATE	TITLE	INSTRUCTOR
August 28, 2017	Exploring Online Anatomy Resources	Nancy Bulgarelli, Keith Engwall, Misa Mi, Stephanie Swanberg
September 27, 2017	Online Resources for TBL & Beyond	Misa Mi, Evan Sprague, Stephanie Swanberg
November 14, 2017	Exam Prep Resources for BFCP & Organ System Courses	Misa Mi
May 31, 2018	Mobile Apps Fair	Keith Engwall, Mitchell Roe

## 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 two 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.

### Fellowship in Medical Education (FME) Program

The Center for Excellence in Medical Education (CEME) annually sponsors the FME faculty development program focused on medical education research. This year, the program was restructured to be more skills-oriented and to use internal expertise for teaching sessions. As a result, Medical Library faculty were invited to participate and taught three integrated sessions throughout the year as outlined in Table 5.

**Table 5: Integration Information Mastery Sessions in the FME Program, 2017 - 2018**

DATE	TITLE	INSTRUCTOR
September 22, 2017	Practical Strategies for Searching & Organizing the Literature	Stephanie Swanberg
March 9, 2018	Introduction to Research Data Management	Joanna Thielen, Stephanie Swanberg
April 6, 2018	Disseminating your Scholarly Work	Stephanie Swanberg, Keith Engwall

### Faculty Workshops

The Medical Library hosted two additional workshops this year for faculty:

#### *Research Searching Skills*

On August 9, 2017 Stephanie Swanberg and Janet Zimmerman were invited by the Beaumont Geriatrics Division to give a 90-minute presentation on research searching skills for their residents and physicians. The session covered the basics of searching the literature when starting a research project with overviews of Cochrane Library, UpToDate, and detailed instruction on PubMed. A total of 8 residents and physicians attended.

#### *Publishing in MedEdPORTAL: Developing Scholarship from your Teacher and Educator Work*

On May 18, 2018 as part of the 7<sup>th</sup> Annual Medical Education Week, Misa Mi co-taught a faculty development workshop with Dr. Sheila Chauvin on MedEdPORTAL as a resource for locating teaching materials and a peer-reviewed publishing option.

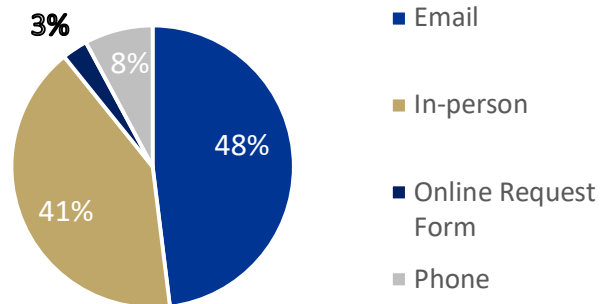
## Reference

In the 2017-2018 academic year, the Medical Library continued its support of OUWB, OU, and the local community and recorded a total of 685 patron encounters, encompassing 670.53 hours of reference, research consultations, instruction, and community engagement. New this year, the Medical Library began formally tracking the amount of time that library faculty spend in their role as mentors or co-mentors for student Embark projects (mostly systematic reviews). This statistic is listed separately in Table 6. Overall, the Medical Library worked with 2,904 patrons; 41% of these encounters were in-person and 48% via email. Over 50% of these requests originated from OUWB medical students followed by OUWB faculty in the Department of Foundational Medical Studies at 19% of recorded requests. For more detailed information on the breakdown of these encounters see Table 6 and Figures 1 & 2 below.

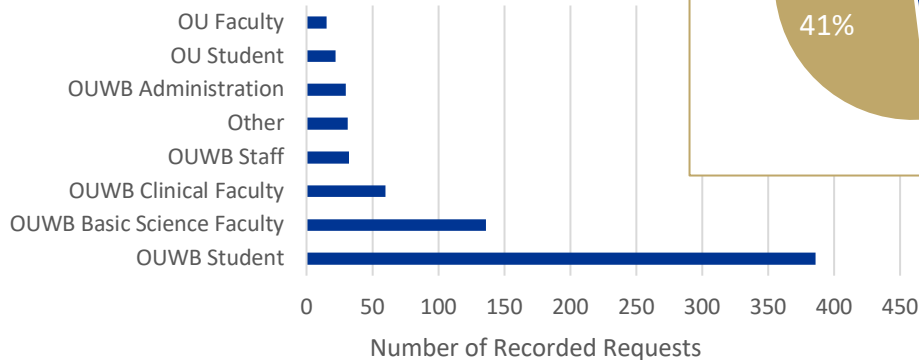
**Table 6: Patron Encounters, 2017-2018**

	SESSIONS	PARTICIPANTS	HOURS
Reference	322	340	56
Research Consultations & Literature Searches	248	271	237.57
Embark Project Mentoring	48	48	32.63
Instruction	46	1,522	179.58
Community Engagement	19	723	164.75
<b>Total</b>	<b>683</b>	<b>2,904</b>	<b>670.53</b>

**Figure 1: Method of Contact (%)**



**Figure 2: Status of Patron**



## Collections

The library continued to add to its electronic collections based on user requests, curricular changes, and other needs assessments. This year we carefully evaluated our ScienceDirect journal subscriptions, database packages, and interlibrary loan activity, using data to drop some subscriptions and free up funds to add others.

Table 8 displays the number of downloads from our major resources for the year and the percentage change in usage from the previous year.

**Table 7: Acquisitions Changes, 2017-2018**

NAME	RESOURCE TYPE	RATIONALE
<b>Journal Drops</b>		
Advances in Chronic Kidney Disease	Journal	Duplicated in CK
American Journal of Pathology	Journal	Duplicated in CK
Gastroenterology	Journal	Duplicated in CK
Heart Rhythm	Journal	Duplicated in CK
Seminars in Diagnostic Radiology	Journal	Duplicated in CK
Urology	Journal	Duplicated in CK
<b>Journal Adds</b>		
BMJ Case Reports	Journal	Support Publishing
Cell	Journal	Journal Turn-aways
<b>New Resources</b>		
LWW Health Library: Board Review Series	Database	Support Clerkships
Gilroy's Atlas of Anatomy	eBook	Support M1 Course

**Table 8: Major Electronic Resource Downloads/Searches, 2017-2018**

RESOURCE	July - September 2017	October - December 2017	January - March 2018	April - June 2018	Total	% Change from FY 16- 17
AccessMedicine	3,948	2,781	3,265	3,156	13,150	11.39%
ClinicalKey eBooks	3,074	3,429	4,310	2,137	12,950	48.88%
ClinicalKey eJournals	4,836	9,389	10,840	4,619	29,684	8.49%
JAMA & Archives Journal Collection <i>(Note: Includes Beaumont Hospital use)</i>	4,948	6,722	7,104	6,553	25,327	7.65%
LWW Health Library Collection	3,718	5,244	2,939	4,485	16,386	26.63%
LWW Total Access Journal Collection & Archive	6,912	11,870	11,424	6,775	36,981	-9.20%
New England Journal of Medicine	1,293	2,903	2,498	1,288	7,982	25.91%
Scopus (Searches)	2,650	1,466	1,234	805	6,155	-10.27%
UpToDate	7,884	10,093	11,114	11,022	40,133	3.66%

The 2017/2018 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. Overall, the Medical Library measured a total of 111,143 ejournal article downloads and 113,878 ebook chapter downloads. More detailed information on our usage stats can be found on Appendix 1, Appendix 2 and Appendix 3.

## Print Collection

Most of Medical Library’s collection is electronic, but 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 or student. In 2017/2018, the library added 258 print books to its collection at a cost of \$16,915.81.

Our students – despite being “digital natives” – appreciate and use these print materials. Over the course of the year, we recorded re-shelving a total of 2,259 items. Table 9 shows a breakdown by month.

**Table 9: Print Book Shelving Tallies, 2017 - 2018**

Jul 17	Aug 17	Sep 17	Oct 17	Nov 17	Dec 17	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18
33	176	293	432	333	223	112	156	121	203	152	25

## Expenditures

**\$803,648.66**

- Total expenditures on collection

**97.67%**

- Percentage spent on electronic resources

**\$2.12**

- Average cost per download from electronic resources

## Interdepartmental 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. Kresge Library participates in several ILL networks that benefit OUWB students and faculty including the National Library of Medicine’s DOCLINE system.



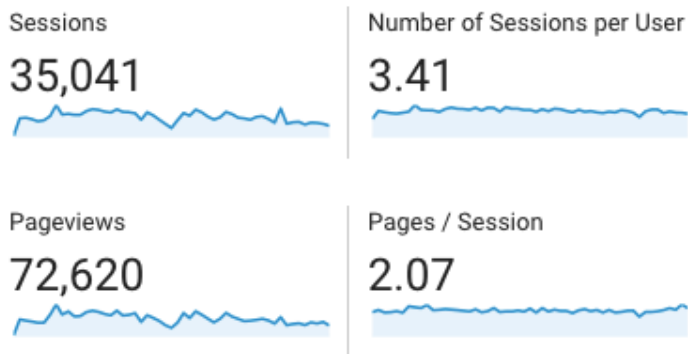
**Table 10: Interlibrary Loan Statistics by Patron Type**

	Faculty & Staff	Students	Total
University Library ILL & Document Delivery	55	131	186
Articles Supplied by Medical Library	19	2	21

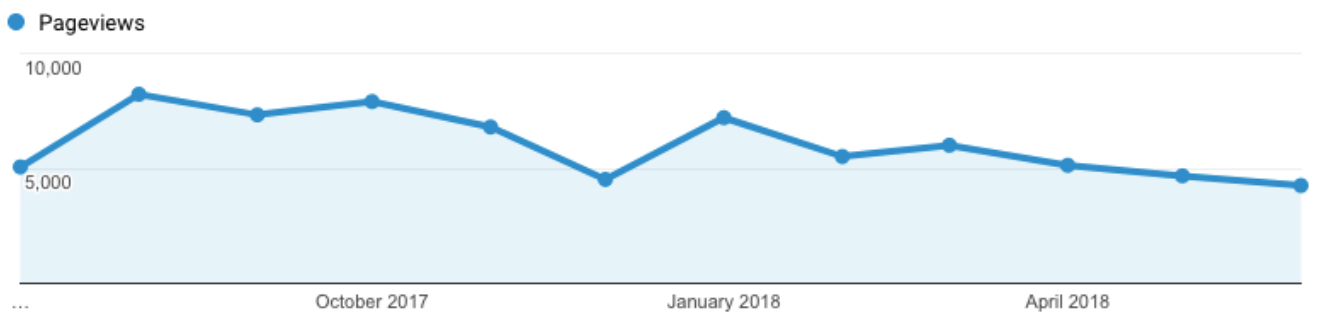
## Website

### Overall Usage

From July 1, 2017 to June 30, 2018, the Medical Library website had a total of 76,620 page views across 35,041 sessions for an average of 2.07 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.

Page Title	Pageviews	% Pageviews
1. <a href="#">Medical Library - OU Libraries</a>	34,776	47.89%
2. <a href="#">Databases - Medical Library - OU Libraries</a>	13,469	18.55%
3. <a href="#">M1 Textbooks - Medical Library - OU Libraries</a>	5,234	7.21%
4. <a href="#">Course Guides - Medical Library - OU Libraries</a>	3,766	5.19%
5. <a href="#">MDM1 9110 - Anatomical Foundations of Clinical Practice - OU Libraries</a>	1,749	2.41%
6. <a href="#">Review Resources - OU Libraries</a>	1,277	1.76%
7. <a href="#">Clerkship Textbooks - Medical Library - OU Libraries</a>	1,250	1.72%
8. <a href="#">iPhone &amp; iPad Apps - Medical Library - OU Libraries</a>	971	1.34%
9. <a href="#">eBooks - Medical Library - OU Libraries</a>	951	1.31%
10. <a href="#">M2 Textbooks - Medical Library - OU Libraries</a>	912	1.26%

## PubMed

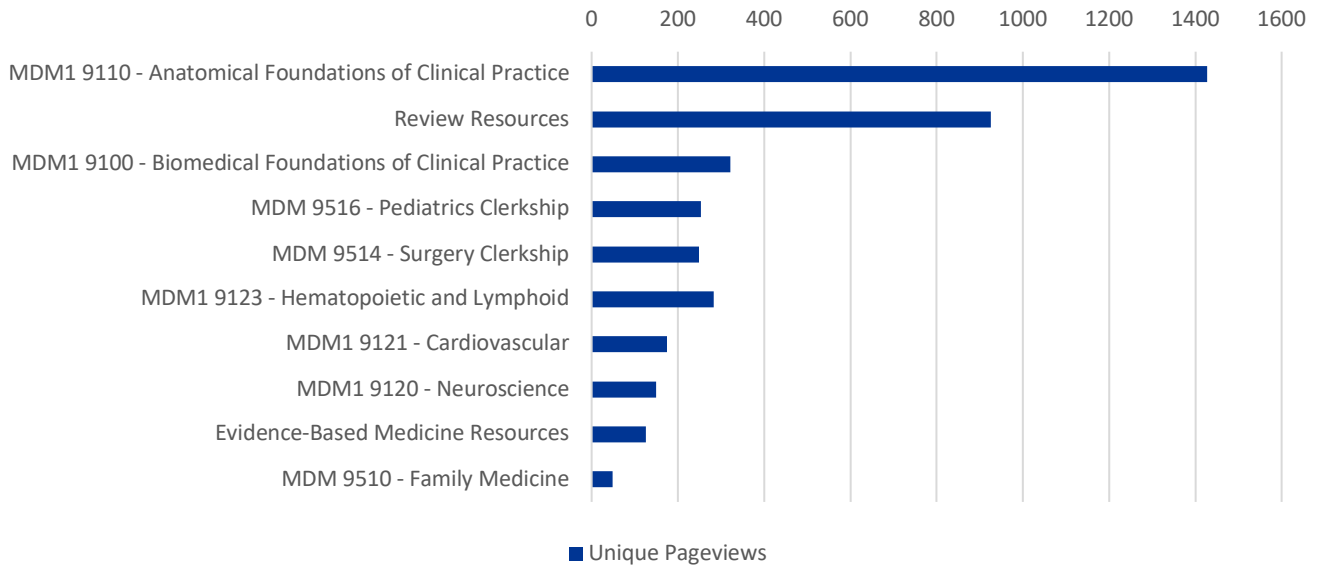
PubMed access (through search or links) accounted for 5,850 of our total 35,041 sessions, roughly 16.7%. The PubMed homepage search box is by far the most actively used of our PubMed links.

Event Label <sup>?</sup>	Total Events <sup>?</sup> ↓	Unique Events <sup>?</sup>
	<b>8,249</b> % of Total: 100.00% (8,249)	<b>6,092</b> % of Total: 100.00% (6,092)
1. <a href="#">PubMed - homepage search</a>	<b>5,849</b> (70.91%)	<b>4,189</b> (68.76%)
2. <a href="#">PubMed - subpage search</a>	<b>1,295</b> (15.70%)	<b>958</b> (15.73%)
3. <a href="#">PubMed - homepage link</a>	<b>598</b> (7.25%)	<b>530</b> (8.70%)
4. <a href="#">PubMed - articles search</a>	<b>366</b> (4.44%)	<b>282</b> (4.63%)
5. <a href="#">PubMed - subpage link</a>	<b>73</b> (0.88%)	<b>65</b> (1.07%)
6. <a href="#">MeSH - homepage link</a>	<b>53</b> (0.64%)	<b>53</b> (0.87%)
7. <a href="#">MeSH - subpage link</a>	<b>15</b> (0.18%)	<b>15</b> (0.25%)

## Course & Subject Guides

Of all our course and subject guides, “MDM1 9110 – Anatomical Foundations of Clinical Practice” was the most used guide with 1,427 unique pageviews, followed by “Review Resources” with 826 unique pageviews, and “MDM1 9100 – Biomedical Foundations of Clinical Practice” with 321 unique pageviews.

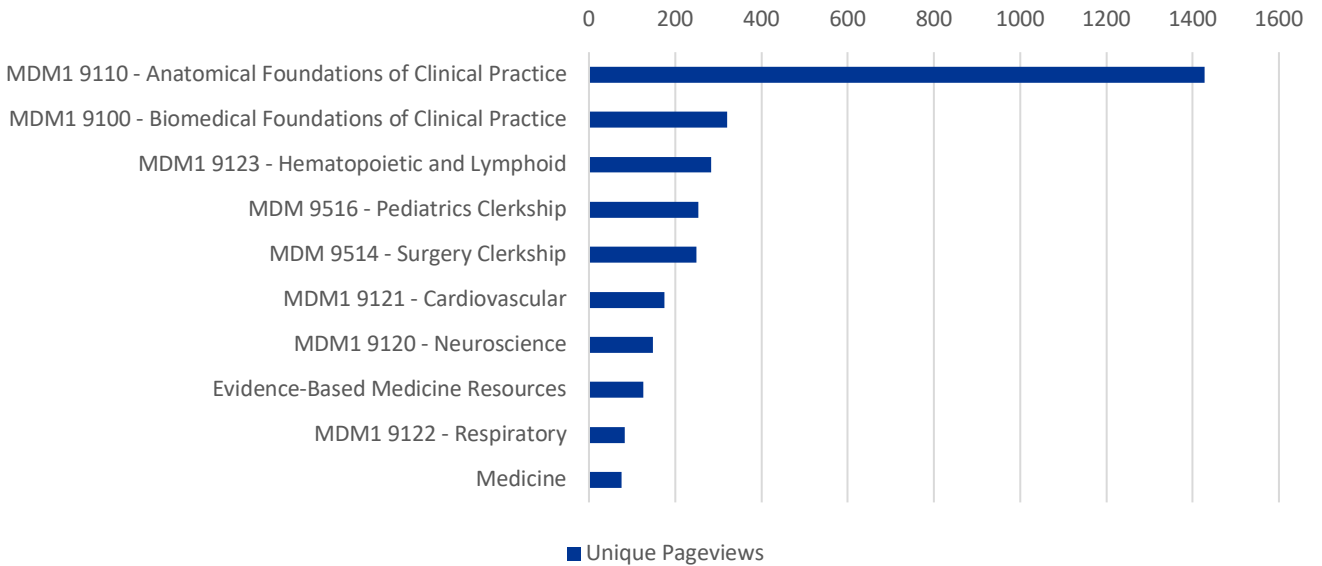
### Course & Subject Guide Usage



### Course Guides

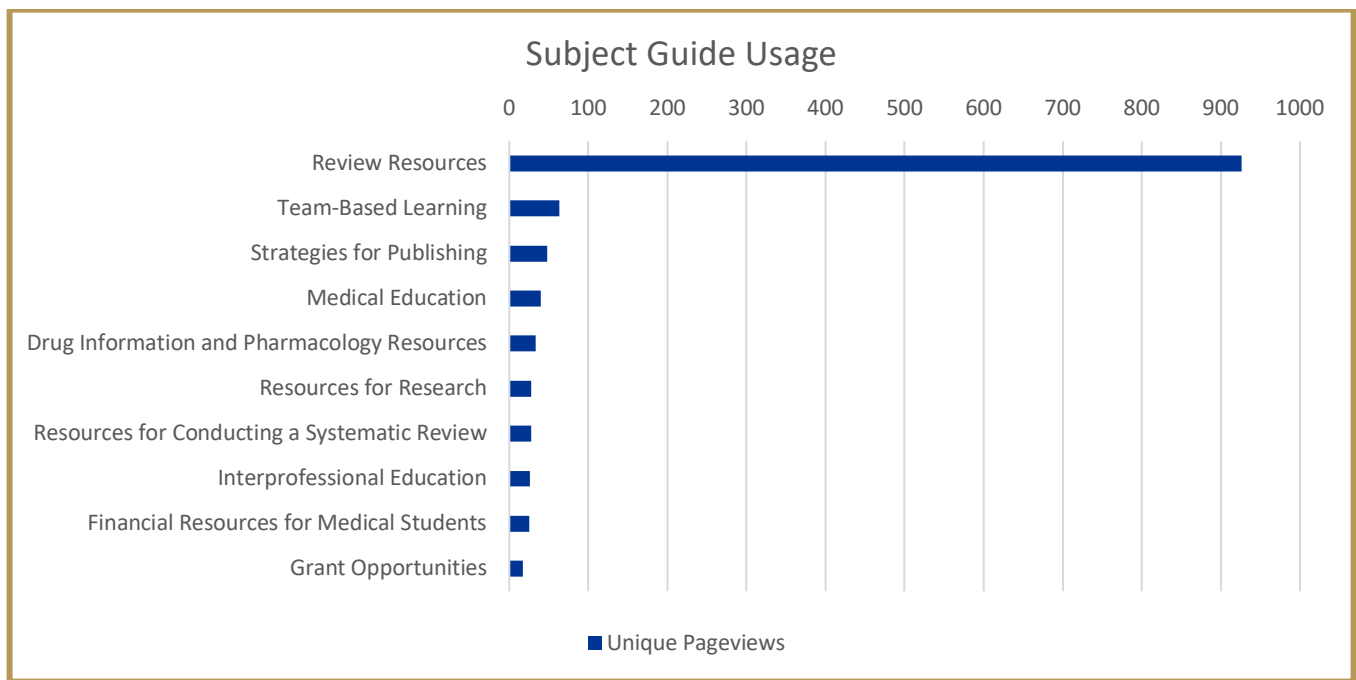
Of our course guides, “MDM1 9110 – Anatomical Foundations of Clinical Practice” led by a significant margin this year.

### Course Guide Usage



### Subject Guides

The “Review Resources” subject guide had significantly higher usage than any of our other guides.



## New Online Resource Guides

**Strategies for Publishing Online Guide** – Due to increased questions related to publishing from faculty and students, Stephanie Swanberg developed an online guide outlining tips and resources including selecting journals to target, writing tips, predatory publishing, and resources for publishing case reports. The guide is available at: <https://research.library.oakland.edu/sp/subjects/guide.php?subject=publishing>

## Website Projects

### Style Sheet Consolidation

Keith Engwall conducted a project to consolidate the stylesheets used in the Medical Library website in order to improve efficiency in page load times as well as to facilitate maintenance and development of the visual aspects of the website. Unused and redundant styles were removed, and the remaining styles were organized and documented.

### Accessibility Updates to Website

In order to comply with accessibility contrast best practices, the Medical Library Website was updated to use color schemes, font decorations, and other style elements more consistent with the OU ADA Compliant Web/Digital Color Palette. The palette foreground/background combinations were embedded in notes fields within the stylesheets for future reference.

### M1 / M2 Textbook Web Pages Updated

The Medical Library collaborated with the course directors and coordinators to ensure the M1 and M2 Textbooks web page accurately reflected the books listed in the course syllabi. The library also did its best to obtain electronic access to required and recommended texts. For the M1 year, the Medical Library provides electronic access to 29 of the 41 required and recommended textbooks. It provides electronic access to 29 of the 38 M2 listed textbooks. We continue to endeavor to obtain electronic access to these books in an effort to reduce costs for our students and improve access to information.

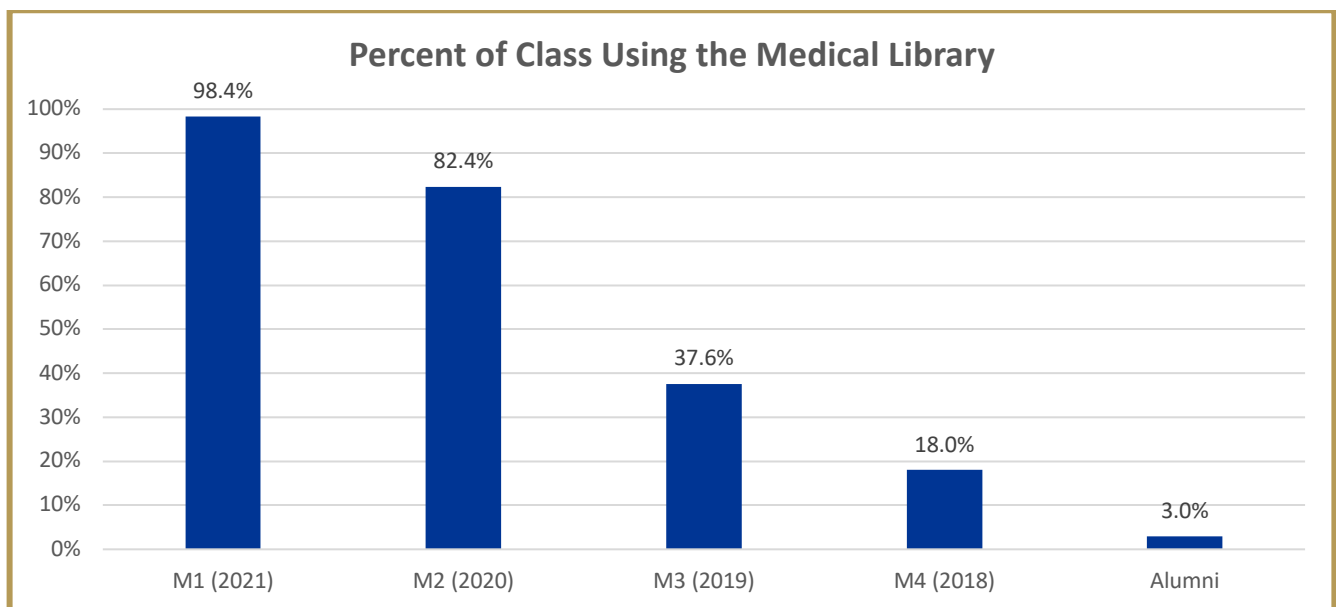
## Study Spaces

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. Over the course of the year, and based on student feedback, we made a number of small improvements to the study spaces including adding more task lighting and another wireless access point.

### Physical Space

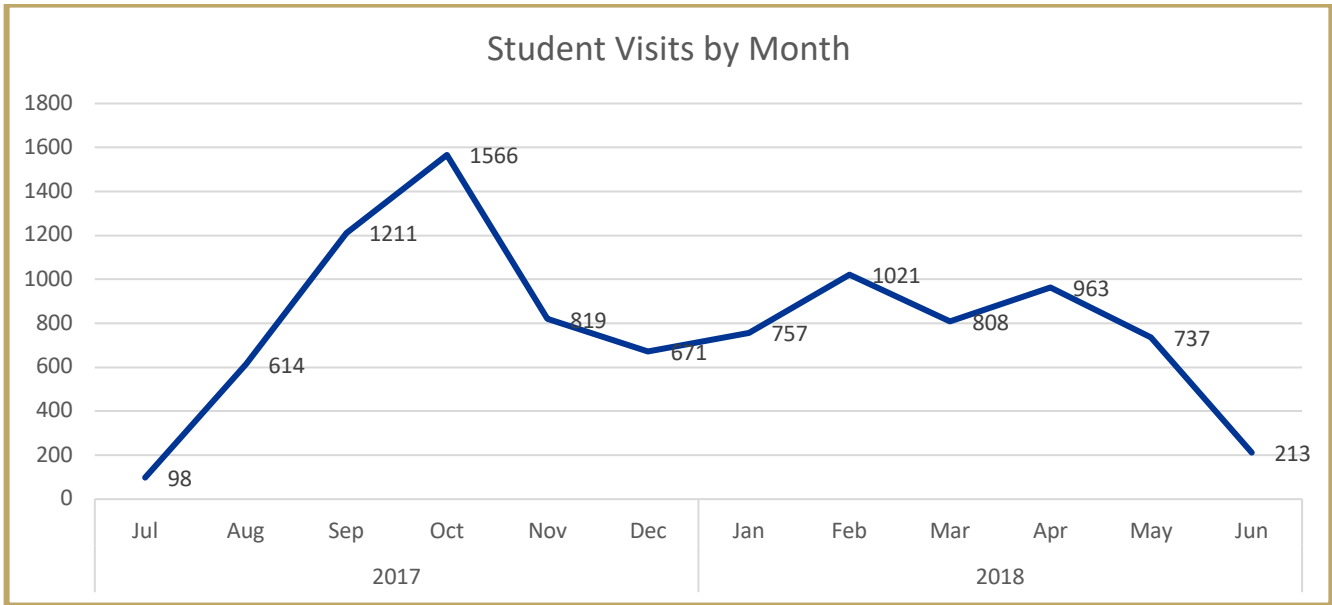
#### Percent Utilization by Class

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.

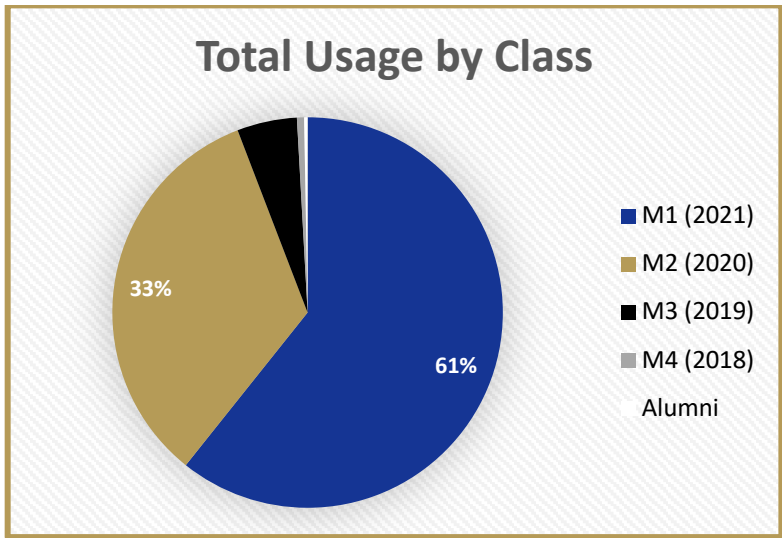


### Total Visits by Class

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
<b>M1 (2021)</b>	5755
<b>M2 (2020)</b>	3170
<b>M3 (2019)</b>	470
<b>M4 (2018)</b>	56
<b>Alumni</b>	27



Note that these numbers are based on badge swipes as students enter the rooms. They likely underrepresent actual use. It is quite common to see a single student use their 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. It should be noted that printer use increased dramatically when the school instituted free printing for students. 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. Maintaining these printers and keeping them supplied with paper and toner takes up quite a bit of time and affects the library's supply budget. Printing has decreased quite a bit since last year and may be at least partly due to eliminating color printing.

**Table 12: Pages Printed By Month**

2017						2018					
Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
6,788	12,549	13,161	14,954	16,067	8,829	9,010	12,490	8,928	7,470	8,210	3,802

## 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 (June 26 – July 24, 2017)*

Stephanie Swanberg and Dr. Misa Mi participated again in the program this year, co-leading the Information Literacy portion. The overall program was changed from two to four weeks with four senior high school student or recent graduate participants this year. Students spent Monday afternoons with Stephanie and Misa focusing on learning information searching skills and the rest of the week with clinical faculty mentors to gain experience in biomedical research. Three instruction sessions were taught:

- 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 also created the syllabus and program schedule and both Misa and Stephanie provided narrative, formative feedback to each student on their individual reflections and the final group case presentation.

#### *6th Annual Organ & Bone Marrow Donor Registration Drive (October 2 – 4, 2017)*

Stephanie Swanberg coordinated this event for the 6<sup>th</sup> year at OUWB as part of Michigan Libraries for Life. The library partnered again to host a dual drive to include bone marrow donor registration with three student groups – OUWB Student National Medical Association (SNMA), OU Minority Association of Pre-Medical Students (MAPS), OU Cancer Awareness Society – along with OUWB Diversity & Inclusion. The drive was hosted over three days with 34 volunteers who spoke with 345 people, registered 39 new organ donors and a record 50 new bone marrow donors!



#### *MLK Day of Service Health Education Fair*

On January 19, 2018, Stephanie Swanberg promoted easy-to-read, quality health information as part of an OUWB-sponsored community health fair at Chandler Park Academy in Harper Woods as part of the school's annual MLK Day of Service activities.



### *Future Physicians Summer Enrichment Program*

During the last two weeks of June, Keith Engwall once again participated as the embedded librarian and webmaster for a summer STEM program hosted by OUWB and the School of Engineering. The 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 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.

### *Additional Outreach Programs*

#### *Medical Library Open House (August 30, 2017)*

The Medical Library hosted its fourth Annual Open House on August 30. 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. Nearly 100 students, faculty, and staff attended this year.

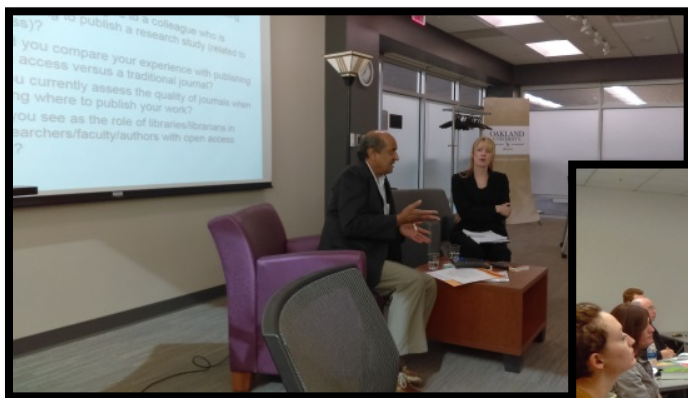
#### *South Oakland Shelter Health & Education Fair (October 29, 2017)*

Nancy Bulgarelli and Stephanie Swanberg promoted easy-to-read, quality health information as part of an OUWB-sponsored community health fair at the South Oakland Shelter in Royal Oak as part of the school's 2018 Make A Difference Day activities.

#### *5th Annual Open Access Week (October 23-27, 2017)*

Stephanie Swanberg co-planned Open Access Week activities on OU's campus with Julia Rodriguez, Scholarly Communications Librarian at OU Libraries. Three educational events were sponsored with 42 total attendees:

- **October 23 – Searching & Selecting OA Literature** presented by Stephanie Swanberg
- **October 26 – OA Café – Why Open Access Matters** featuring a panel discussion with two OU professors who regularly publish open access: Valerie Palmer-Mehta, Professor, Communication & G. Rasul Chaudhry, Professor, Molecular Biology. Also featured a brief introduction by Julia Rodriguez and panel moderation by Stephanie Swanberg
- **October 27 – Ditch the Textbook – Save your Students' Money & Adopt an Open Textbook** presented by Julia Rodriguez and Caterina Pieri, Special Lecturer, Italian.



### *200th Anniversary of Frankenstein Exhibit & Event Series (March 11 – April 20, 2018)*

2018 marked the 200th anniversary of the publication of a *Frankenstein, or A Modern Prometheus* by Mary Shelley. To celebrate, the Medical Library hosted the NLM traveling exhibit “Frankenstein: Penetrating the Secrets of Nature” from March 11 – April 20, 2018 in the Kresge Library Lobby. In addition, Stephanie Swanberg led a planning group which included Keith Engwall, Nancy Bulgarelli, Evan Sprague, and Katie Greer, OU Fine & Performing Arts & First Year Experience Librarian, to coordinate a series of interdisciplinary events to celebrate the anniversary.



### *Opening Keynote - Frankenstein & the New Species (March 13)*

The opening event featured a short documentary video clip discussing the history of Mary Shelley followed by a keynote address by Dr. Robert Anderson, Associate Professor of English at Oakland University. Dr. Anderson’s fascinating narrative presentation focused on modern definitions of species in the context of culture, politics, and economics. His presentation interwove passages of the novel with graphics and political cartoons depicting Frankenstein-like caricatures.



### *Panel Discussion - The Influences & Legacy of Mary Shelley’s Frankenstein (March 28)*

To showcase the interdisciplinary nature of Mary Shelley’s *Frankenstein*, we enlisted a panel of faculty to discuss the novel, the films it inspired, and the themes therein, from a variety of disciplines. Dr. Amy DeBaets, Assistant Professor of Medical Humanities and Clinical Bioethics at the school of medicine, opened the panel with a discussion of bioethics and how Mary Shelley’s novel is still pertinent and influential in modern ethical considerations in science and medicine. Dr. Kyle Edwards, Associate Professor of English, gave an insightful overview of the influence of *Frankenstein* and its characters in early 20th century film and beyond. And Keith Engwall showcased a bibliography of analytical texts that discuss the role of the novel in the transition between gothic literature and science fiction.



### *Monster Game & Movie Night (April 13)*

It only seemed fitting to plan a program on Friday, April 13 for a Frankenstein event series and provide a more light-hearted activity among the formal programs. We offered a three-hour open board game night featuring medical and monster-themed board games followed by a film screening of the original 1931 film of *Frankenstein*, featuring the now iconic portrayal by Boris Karloff.



The board games were mostly from personal collections, but the Medical Library also purchased four games to start an educational board game collection for our medical students.



### *Concluding Keynote: Frankenstein and the Stethoscope (April 17)*

We concluded the series with a phenomenal lecture from the esteemed Dr. Jacalyn Duffin, recently retired Chair of History of Medicine at Queen's University and author of several books on various aspects of medical history. Dr. Duffin discussed the scientific and medical context of the period in which Mary Shelley authored the novel, and detailed the parallel journey of René Laennec, whose invention of the stethoscope coincided with the publication of the novel. Dr. Duffin eloquently described how the stethoscope changed the very way in which we define diseases. This glimpse into the world in which Frankenstein was written was a fitting close to the exhibit.



With 145 attendees across the four events, this Frankenstein event series truly brought together a diverse audience including undergraduate students, medical students, faculty, and staff from various departments and schools across campus to discuss past and current issues in medicine, research ethics, history, film, and literature. A special thank you to other members of OU Libraries and OUWB:

- Steve Weiter, Dean of OU Libraries, for funding refreshments for the opening keynote speaker.
- Ann Voorheis-Sargent, Director of the OUWB CEME, for arranging travel accommodations and funding to bring in Dr. Jacalyn Duffin.
- Dominique Daniel and Emily Spunaugle for creating a display of history of medicine and Frankenstein-themed books from OU Libraries Special Collections to coordinate with the exhibit.
- Shirley Anderson and Kath Borg for organizing refreshments.
- Elizabeth Deneen, KL Marketing Intern, for creating the event flyer and poster and posting announcements to social media.





## Exhibits

In addition to the Frankenstein exhibit, the Medical Library also hosted “**Pick Your Poison: Intoxicating Pleasures & Medical Prescriptions.**” This fascinating historical National Library of Medicine traveling exhibit was hosted in the Kresge Library Lobby from July 24 – September 2, 2017 focusing on the history and legacy of potent drugs including tobacco, alcohol, marijuana, and opium.



## 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. This year’s newsletter once again featured a monthly column written by Nancy Bulgarelli called “Resource of the Month.” This column provided brief overviews of various library resources to raise awareness of our resources and remind students of relevant resources tied to their curriculum milestones.

Table 9 provides an overview of the newsletter’s usage from July 2017 - June 2018. 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, July 2017 – June 2018**

Month of Newsletter	Newsletter Issue Opened (count & %)	Links Clicked within Newsletter (count & %)	Total Recipients (count)
June 2018	765 (21.2%)	94 (12.3%)	3,611
May 2018	744 (20.5%)	32 (4.3%)	3,637
April 2018	764 (21%)	40 (5.2%)	3,642
March 2018	627 (23%)	109 (17.4%)	2,726
February 2018	621 (22.8%)	57 (9.2%)	2,727
January 2018	644 (23.6%)	68 (10.6%)	2,734
November/December 2017	635 (23.3%)	66 (10.4%)	2,739
October 2017	640 (23.4%)	24 (3.8%)	2,741
September 2017	640 (23.3%)	40 (6.3%)	2,746
August 2017	668 (24.3%)	40 (6%)	2,749
July 2017	598 (22%)	78 (13%)	2,724

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

## Other Initiatives & Activities

### New Personal Librarian Program

The Medical Library launched a Personal Librarian Program for the incoming class designed to provide individualized service and instruction to medical students. Each M1 student was partnered with a library faculty member—their “personal librarian”—who will remain their primary library contact throughout their medical school career. The main goals of the program are to:

- Support students’ self-directed and independent learning activities
- Support the Embark curriculum and Capstone projects, as well as other student research projects
- Assist with PubMed and other database searches
- Provide one-on-one instruction in the efficient and effective use of information resources

As part of the program, library faculty have established regular office hours that students can take advantage of by scheduling research consultations through the Google Calendar appointment feature. There is also a new webpage on the Medical Library Website where students can submit their email address and receive a reminder email containing contact information for their personal librarian.

### Librarian Consultation Calendar Relunched

Related to the Personal Librarian Program, the library relaunched its [online consultation calendar](#) debuted in October, giving students access to a calendar that shows librarian availability and allowing them to easily schedule appointments. This has proved popular and is another option for reaching us.

### Library Liaison Program Expansion

The Medical Library expanded the library liaison program to incorporate the M3 and M4 clerkships in addition to the M1 and M2 courses. Similar to M1/M2, library faculty members were formally assigned to specific clerkships to work with the clerkship directors and coordinators to ensure textbooks and other materials are available. Online clerkship guides have also been created for most of the clerkships and are available at: [https://medlib.oakland.edu/find\\_guides/clerkships.php](https://medlib.oakland.edu/find_guides/clerkships.php)

The following table provides a breakdown of the clerkship liaison duties:

Year	Clerkship	Liaison
M3	Family Medicine	Misa Mi
	Internal Medicine	Misa Mi
	Neurology	Nancy Bulgarelli
	Obstetrics & Gynecology	Keith Engwall
	Ophthalmology	Nancy Bulgarelli
	Pediatrics	Nancy Bulgarelli
	Psychiatry	Stephanie Swanberg
M4	Surgery	Nancy Bulgarelli
	Anesthesiology & Pain Medicine	Stephanie Swanberg
	Diagnostic Medicine & Radiology	Keith Engwall
	Emergency Medicine	Nancy Bulgarelli

## Open Access Grant Program

The library continued its Open Access Grant Program for the Department of Foundational Medical Studies, providing a total of \$2,858.22 to underwrite the author publication fees for three faculty members. The three goals of this program are to provide additional venues for faculty publication, enhance the visibility of faculty research, and education faculty about OA journals as an alternative publication model.

**Table 15: Open Access Grant Program**

FACULTY	TITLE	PUBLICATION	PUBLICATION FEE
<b>Victoria Lucia</b>	Utilizing journal club to facilitate critical thinking in pre-clinical medical students	International Journal of Medical Education	\$620.22
<b>Inaya Hajj Hussein</b>	Re-emerging vaccine-preventable diseases in war-affected peoples of the Eastern Mediterranean region – an update	Frontiers in Public Health	\$1,900.00
<b>Jickssa Gemechu</b>	Incidence of persistent metopic suture and extra sacral foramina in Ethiopian population	Italian Journal of Anatomy and Embryology	\$338.00

## Authors at Oakland

The Medical Library also facilitated the submission of OUWB publications for Kresge Library's annual event highlighting the university's scholarly contributions. This year's event, *Authors at Oakland: A Celebration of the Book*, held on March 14, 2018, included 79 unique works from 39 OUWB authors.

## Medical Library Strategic Plan

Working with Erin Shirey, OUWB Senior Planning Analyst, Medical Library faculty and staff created a Medical Library Strategic Plan to set priorities and establish goals and strategies for department activities and initiatives for 2018-2020. The plan is aligned with the OUWB Strategic Plan and organized around six broad themes: administrative and process improvement; enhancing and expanding the library's educational programs, enhancing and expanding library services for supporting OUWB research and scholarship; expanding library community engagement and outreach programs; enhancing library collections; and improving and enhancing library technology.

## Suggestion/Complaint Tracking

The library developed a more systematic process for tracking and following-up on suggestions and complaints in order to better identify persistent problems, engage in CQI as needed, and "close-the-loop" with our users. Steps include: logging all suggestions and complaints in the existing Patron Encounters database, reporting out on identified issues during monthly meetings with student representatives who then report to MSG, and installing a new suggestion box in the library.

## 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.

### **Shirley Anderson**

- Member, Medical Library Assistant Search Committee, OUWB

### **Nancy Bulgarelli**

#### Professional

- Member, New Health Science Libraries Committee, Association of Academic Health Sciences Libraries (national)
- Member, Scholarly Communication Committee, Association of Academic Health Sciences Libraries (national)

#### Institutional

- Designee, Senior Vice President for Academic Affairs and Provost, OU Faculty Senate Library Committee
- Member, Higher Learning Commission Steering Committee, Oakland University
- Past Chair, OUWB Committee on Student Awards
- Member, OUWB M3/M4 Curriculum Subcommittee, OUWB
- Member, Kresge Library Collection Development Task Force

### **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 (MLA) Research Agenda Systematic Review Team (national)
- Member, MLA Thomson Reuters Doctoral Fellowship Jury, Medical Library Association (national)
- Member, MLA Professional Recruitment and Retention Committee (national)
- Chair, Resource Sharing Committee, Michigan Health Sciences Libraries Association (state)
- Member, MI Regional Peer Coaching Program (regional)

#### Institutional

- Board Member, OUWB Center for Excellence in Medical Education Advisory Board
- Chair, OUWB Committee on Student Awards
- Course Director, M4 Elective: Advanced Experimental Design and Data Analysis for Future Residents
- Vice Chair, M2 Embark Oral Presentation Working Group
- Co-Chair, OUWB Poster Subcommittee, 2018 Medical Education Week Planning Committee
- Member, Faculty Advisory Board, PLEXUS Student Publication

- Member, OUWB 2018 Medical Education Week Planning Committee
- Member, OUWB Diversity Council
- Member, OUWB Embark Presentations Committee
- Member, M3 Embark Mini-Manuscript Committee
- Member, Medical Library Assistant Search Committee
- Judge, M2 Embark Oral Presentations
- Judge, M3 Capstone Mini-Manuscripts
- Reviewer, OUWB Student Peer Feedback
- Member, OU Libraries Integrated Systems and Data Committee
- Member, OU Libraries Library Technologies Team
- Member, OU Libraries Online User Interface Committee
- Member, OU Faculty Senate Library 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)
- 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)
- Past President, 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
- Abstract/Poster Reviewer, Embark Capstone Research Colloquium, Oakland University William Beaumont
- Member, 2018 Medical Education Week Planning Committee, Oakland University William Beaumont
- Member, Embark Capstone Digital Poster Committee, Oakland University William Beaumont
- Member, OUWB M2 Embark Oral Presentation Committee
- Member, OUWB Grading Policy Ad-Hoc Committee
- Member, OUWB Interprofessional Education Task Force



- 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**

- Chair, Medical Library Assistant Search Committee, OUWB
- Member, Information Technology Team, OUWB
- Member, Library Technologies Team, OU Libraries
- Member, Library Digital Asset Accessibility Remediation Task Force, OU Libraries

## **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 2018 Medical Library Association Annual Meeting (national)
- Co-Convener, Outreach and Marketing Special Interest Group, Medical Library Association (national)
- Chair, Bylaws Committee, Public Services Section, Medical Library Association (national)
- Member, Education Steering Committee, Medical Library Association (national)
- Mentor, Provisional Members of the Association of Health Information Professionals (AHIP), 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)
- Chair, Professional Development Committee, Metropolitan Detroit Medical Library Group (local)

### **Institutional**

- Chair, Faculty Recognition Committee, OUWB
- Past Chair, Curriculum Integration Subcommittee, OUWB
- Library Representative, M1/M2 Curriculum Subcommittee, OUWB
- Member, Curriculum Committee, OUWB
- Member, M3 Embark Mini-Manuscript Committee, OUWB
- Member, Embark Presentations Committee, OUWB
- Member, 2018 Medical Education Week Planning Committee, OUWB
- Member, Poster Subcommittee, 2018 Medical Education Week Planning Committee, OUWB
- Reviewer, Student Peer Feedback, OUWB
- Judge, M2 Embark Oral Presentations, OUWB

- Member, Medical Library Assistant Search Committee, OUWB
- Member, Events, Exhibits, & Marketing Committee, OU Libraries
- Member, Strategic Building Use Task Force, OU Libraries
- Mentor, Embark Program, OUWB
  - Christos Sarantopoulos (Class of 2021), Co-Mentor for Systematic Review Project
  - Michelle Fedorowicz (Class of 2021), Co-Mentor for Systematic Review Project
  - Lena Dennison (Class of 2021), Co-Mentor for Systematic Review Project

## Scholarly Activities

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### Publications

#### Peer Reviewed Articles

- Lucia VC, **Swanberg SM**. Utilizing journal club to facilitate critical thinking in pre-clinical medical students. *International Journal of Medical Education*. 2018;9:7-8.

#### Non-Peer Reviewed Articles

- **Swanberg S, Engwall K**. Celebrating the 200<sup>th</sup> Anniversary of Frankenstein: An Interdisciplinary Event Series. MHS LA Spring Newsletter. 2018; 112(1)e7-e10. Available from: <http://www.mhsla.org/home/news/News112.pdf>

### Scholarships, Grants & Awards

- Keith Engwall received the Association of Academic Health Sciences Libraries (AAHSL) Data Management Training Scholarship, \$1500
- Keith Engwall achieved AHIP Distinguished Member Status
- Misa Mi was awarded the prestigious Best Biennial JMLA Research Paper (2016-2017) for her article: Culturally competent library services and related factors among health sciences librarians: an exploratory study. *J Med Libr Assoc*. 2017;105(2):132-138 (authors: Misa Mi & Yingting Zhang) by the Medical Library Association Research Section.

### Presentations

#### Invited Speaker

- Rivest R, **Swanberg S**. Invited Leaders of the Curriculum Integration Planning Retreat. University of North Dakota School of Medicine & Health Sciences, Grand Forks, ND, February 2018. Stephanie co-lead this two-day curriculum planning retreat for UND School of Medicine curriculum leaders which focused on the curriculum mapping and curriculum integration analysis initiatives developed here at OUWB.

#### Oral Presentations, Workshops & Panels

- Ansari S, **Mi M**, Wasserman J. Effectiveness of health information literacy training for patients experiencing homeless [oral presentation]. Central Group on Educational Affairs (CGEA) Spring Conference, Rochester, Minnesota, March 2018 (regional)
- **Engwall K**. My Favorite Tool - Healthcare Hashtag Project [lighting round presentation]. Medical Library Association (MLA) Annual Meeting, Atlanta, Georgia, May 2018 (national)
- **Engwall K, Roe M**. Distributed library website maintenance with open source software [oral presentation] Michigan Academy Conference, Mount Pleasant, Michigan, March 2018. (regional)
- Hunt S, Campi J, **Mi M**. Taking your teaching to the next level: Publishing teaching innovations in medical education in MedEdPORTAL and *Academic Medicine* [workshop] CGEA Spring Conference, Rochester, Minnesota, March 2018 (regional)
- Jagers A, **Swanberg S**, Delawska-Elliott B, Franklin SG, Morgan R, Railey C, Schwartz G, Vaughn V. Hospital Libraries: Looking Backward to Stimulate Forward Momentum. Medical Library Association (MLA) Annual Meeting, Atlanta, GA, May 2018 [panel discussion organizer] (national)

## Peer-Reviewed Posters

- Albear S, Corral S, Salim M, Bozyk P, **Swanberg S**. The Association Between Hookah Smoking and Infectious Diseases: A Systematic Review. American Thoracic Society International Conference, San Diego, CA, May 2018 (national)
- **Engwall K, Swanberg S**, Rivest R. Librarian Engagement in Curriculum Analysis through MeSH Mapping. Joint Conference of the Midwest Chapter/MLA and Michigan Health Sciences Libraries Association, Ypsilanti, MI, October 2017 (regional)
- Lerchenfeldt S, Eng M, **Mi M**. The utilization of peer feedback during collaborative learning in medical education: a systematic review. CGEA Spring Conference, Rochester, Minnesota, March 2018 (regional)
- **Swanberg S**, Rodriguez J. Reflecting on Five Years of Open Access Educational Programming on a University Campus. Joint Conference of the Midwest Chapter/MLA and Michigan Health Sciences Libraries Association, Ypsilanti, MI, October 2017 (regional)
- **Swanberg S, Mi M**. Integration of an Information Literacy Course into a Summer Research Program for High School Students. Joint Conference of the Midwest Chapter/MLA and Michigan Health Sciences Libraries Association, Ypsilanti, MI, October 2017 (regional)
- Taylor TAH, **Swanberg SM**. Effectiveness of Undergraduate Medical Student Peer Feedback in Research Presentations. Lilly Conference on Evidence-Based Teaching & Learning, Traverse City, MI, October 2017 (regional)

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

- Nancy Bulgarelli attended Wayne State University's School of Information Sciences strategic planning retreat at Schoolcraft College on October 5, 2017.
- Nancy Bulgarelli, Misa Mi, and Stephanie Swanberg attended the Joint Conference of the Midwest Chapter/MLA and Michigan Health Sciences Libraries Association in Ypsilanti, MI, October 14-16, 2017.
- Stephanie Swanberg attended the Lilly Conference on Evidence-Based Teaching and Learning in Traverse City, MI, October 19-21, 2017.
- Nancy Bulgarelli and Misa Mi attended the AAMC Annual Meeting in Boston, MA, November 3-7, 2017
- Keith Engwall attended the Michigan Academy Conference, Central Michigan University, Mount Pleasant, Michigan; March 9, 2018.
- Misa Mi attended the Central Group on Educational Affairs Spring Meeting (regional chapter of the AAMC) in Rochester, Minnesota; March 21-24, 2018.
- Nancy Bulgarelli and Keith Engwall attended the Medical Library Association Annual Meeting in Atlanta, GA from May 19-23, 2018.

## 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 2017 academic year, identified 807 unique citations. Of those, 109 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. There is a breakdown of the citations identified for 2017 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

### 2017/2018 Top Accessed Journals

	Journal Title	Downloads
1	JAMA	12850
2	New England Journal of Medicine	7982
3	JAMA Internal Medicine	3156
4	Annals of Internal Medicine	3158
5	Science	2179
6	JAMA Pediatrics	1772
7	Medicine & Science in Sports & Exercise	1761
8	JAMA Surgery	1701
9	AJN, American Journal of Nursing	1668
10	Nursing	1603
11	JAMA Psychology	1198
12	Journal of Strength and Conditioning Research	1162
13	JAMA Ophthalmology	1051
14	Academic Medicine	1040
15	JAMA Dermatology	786
16	JAMA Neurology	751
17	Journal of Nursing Administration	736
18	Journal of Neuroscience	688
19	JAMA Oncology	659
20	JAMA Otolaryngology	654
21	American Journal of Psychiatry	632
22	Nursing Management	589
23	Neurology	570
24	Journal of Nursing Care Quality	561
25	MCN, American Journal of Maternal Child Nursing	556

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

### 2017/2018 Top Accessed eBooks

Book Title	Total Usage
<b>1</b> Case Files: Family Medicine	6260
<b>2</b> Case Files: Ob/Gyn	5035
<b>3</b> Case Files: Emergency Medicine	4515
<b>4</b> Surgery: Pretest Self-Assessment and Review, 13e	3322
<b>5</b> Immunology: A Short Course	3046
<b>6</b> Case Files: Pediatrics	2932
<b>7</b> Case Files: Psychiatry	2807
<b>8</b> Bates' Guide to Physical Examination and History Taking	2499
<b>9</b> Pediatrics: PreTest® Self-Assessment and Review, 14e	2326
<b>10</b> Neurology: PreTest® Self-Assessment and Review, 9e	2309
<b>11</b> Cases and Concepts Step 1: Pathophysiology Review	2093
<b>12</b> Case Files: Surgery	1765
<b>13</b> Marks' Basic Medical Biochemistry: A Clinical Approach	1736
<b>14</b> Case Files: Neurology	1708
<b>15</b> Neuroanatomy in Clinical Context: An Atlas of Structures Sections Systems and Syndromes, 9e	1673
<b>16</b> Behavioral Sciences in Medicine, 2e	1529
<b>17</b> Pathophysiology of Heart Disease: A Collaborative Project of Medical Students and Faculty	1529
<b>18</b> Psychiatry: PreTest® Self-Assessment and Review, 14e	1473
<b>19</b> Obstetrics and Gynecology American College of Obstetricians and Gynecologists, 7e	1471
<b>20</b> Pulmonary Physiology	1282
<b>21</b> Junqueira's Basic Histology	1215
<b>22</b> Basic and Clinical Pharmacology	1097
<b>23</b> Langman's Medical Embryology	1088
<b>24</b> Introductory Textbook of Psychiatry	1077

## Appendix 3

### 2017/2018 Resources Stats

Database	Measurement	Total Usage
Access Medicine	Downloads	13,150
Access Pediatrics	Downloads	4,471
Access Physiotherapy	Downloads	2,146
Access Surgery	Downloads	6,818
Aclands	Downloads	10,402
Allen Press	Downloads	48
Annals of Internal Medicine	Downloads	3,158
Annual Review	Downloads	556
Bates Visual Guide	Downloads	4,900
BrowZine	Sessions	307
Case File Collection	Downloads	24,210
Clinical Key (Books)	Downloads	12,950
Clinical Key (Journals)	Downloads	29,684
Cochrane	Downloads	2,420
EMBase	Sessions	251
Exam Master	Logins	404
Gender Watch	Downloads	2,862
Access Medicine HemOnc Collection	Downloads	305
Highwire Press	Downloads	2,212
Jama	Downloads	22,541
Jama Archives	Downloads	2,786
Jama Evidence	Downloads	524
Journal of Clinical Ethics	Downloads	87
LWW Health Library	Downloads	32,772
LWW Total Access Collection (Books)	Downloads	1789
LWW Total Access Collection (Journals)	Downloads	35,734
LWW Total Access Collection Archive (Journals)	Downloads	1,247
McGraw-Hill eBook Library	Downloads	2,326
Nature	Downloads	760
New England Journal of Medicine	Downloads	7,982
Access Neurology	Downloads	4,843
OMMBID	Downloads	26
OVID - Northern Lights	Searches	88
OVID - Health & Psychosocial Instruments	Searches	340
Psychiatry Online (Books)	Downloads	973
Psychiatry Online (Journals)	Downloads	1,262
R2 Library	Downloads	4,450
Sage	Downloads	28
Science	Downloads	2,179
Science Direct	Downloads	1,057



<b>Scopus</b>	Searches	6,155
<b>Springer Link</b>	Downloads	240
<b>Stat!Ref</b>	Downloads	1,232
<b>Taylor &amp; Francis</b>	Downloads	1,111
<b>Thieme (Books)</b>	Downloads	1,669
<b>Thieme (Journals)</b>	Downloads	64
<b>UpToDate</b>	Downloads	40,133
<b>USMLE Easy</b>	Logins	2,000
<b>Wiley</b>	Downloads	672

## Appendix 4

### OUWB Publications Summary by Department 2017

Department	Total Citations	Articles in Peer-Reviewed Journals	Books & Book Chapters	MedEd Portal	Meeting Abstracts	Misc.*
Administration	6	4		2		
Clinical Skills Training and Simulation Center	1	1				
Department of Anesthesiology	8	5			1	2
Department of Biomedical Sciences (BHS Based)	26	11			15	
Department of Biomedical Sciences (OU Based)	57	21	11	2	18	5
Department of Diagnostic Radiology and Molecular Imaging	38	17	1		14	3
Department of Diversity and Inclusion	-					
Department of Education Technology	-					
Department of Emergency Medicine	34	20	1	1	9	3
Department of Family Medicine	13	6		1		1
Department of Internal Medicine	206	108	14		45	39
Department of Medical Education	3	1		1	1	
Department of Neurology	7	2	1		2	2
Department of Neurosurgery	7	2	1		2	2
Department of Obstetrics and Gynecology	40	20			20	1
Department of Ophthalmology	53	40	3		1	9
Department of Orthopedic Surgery	38	23			11	1
Department of Pathology	67	33	1		28	5
Department of Pediatrics	31	21		1	6	3
Department of Physical Medicine and Rehabilitation	9	5			2	2
Department of Psychiatry	-					
Department of Radiation Oncology	111	51	1		55	4
Department of Student Affairs	-					
Department of Surgery	73	41	12		18	2
Department of Urology	68	35	5		24	4
Medical Library	14	5	3	1	2	3
OUWB Medical Student Author	109	54	3		45	7
<b>(Taking into account multi-authored publications) Total</b>	<b>807</b>	<b>424</b>	<b>53</b>	<b>6</b>	<b>238</b>	<b>86</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.