



2013 – 2014 Annual Report

Oakland University

William Beaumont School of Medicine

Medical Library

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Instruction & Course Development

STUDENTS

NEW STUDENT ORIENTATION Library orientation – methods and content – was changed significantly due to the increased class size and the loss of instruction time in the Capstone course. The library was unable to accommodate a library tour, so created a brief video tour and other orientation materials that were incorporated in an interactive lecture. Content previously taught in the Capstone course – introduction to information mastery and overview of basic resources – was also covered. Student feedback was positive, with 52% of participants rating the session as “Very Useful” and 34% rating it as “Moderately Useful.” There were several comments on the length of the session and the need for additional handouts, which will be addressed when planning next year’s orientation.

M1 CAPSTONE COURSE The M1 Capstone course underwent significant revision by the new course director. Unfortunately, this resulted in the information mastery curriculum being reduced from 6 sessions totaling 9 hours of instruction to 3 sessions totaling about 3 hours of instruction. The sessions that remained in the course 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 Capstone Curriculum

Date	Title	Instructor
August 29, 2013	Effectively Searching the Literature for Your Capstone Project	Dr. Misa Mi
October 21, 2013	Developing Your Capstone Project Background and Introduction	Stephanie Swanberg
January 7, 2014 <i>(cancelled due to University closure)</i>	Authorship & Author’s Rights <i>(PowerPoint presentation was enhanced with additional content and posted on Moodle for independent study).</i>	Nancy Bulgarelli
April 7, 2014	Copyright & Plagiarism	Nancy Bulgarelli

Despite changes to overall instruction time, library faculty identified new ways to remain involved in the course.

- **Capstone Chat** - Library faculty experimented with using Moodle’s online chat function during the Developing Your Capstone Project Background and Introduction session to encourage student participation. Keith Engwall monitored the chat for student questions and comments during lecture and student questions were later reviewed. A new Lunch ‘n Learn session based on problem areas was offered in November as a result of feedback from the chat.
- **Annotated Bibliography Assignment** - Library faculty reviewed 100 student annotated bibliography assignments for the quality and accuracy of citations and provided individual feedback to each student.

- **Interest Group Discussions with Faculty** – On January 13 and May 12, 2014 Misa Mi, Stephanie Swanberg, and Keith Engwall participated as small group faculty facilitators for M1 students to discuss challenges, answer questions, and review next steps for students’ Capstone projects.
- **Capstone Proposal Review** – Along with other biomedical sciences faculty, Misa Mi, Stephanie Swanberg, and Keith Engwall each reviewed 2 – 3 Capstone proposals and provided feedback to M1 students on consistency, expectations by the IRB, and feasibility of the project proposals.
- **Objective Mapping for OASIS** - Library faculty participated in mapping course and session objectives for the first two iterations of the M1 Capstone course for the new curriculum mapping system OASIS.

M2 CAPSTONE COURSE In addition to information mastery content taught in the M1 Capstone curriculum, medical library faculty continued to participate in the M2 Capstone course.

The Literature Search Update assignment and rubric was created by Dr. Misa Mi to ensure students are keeping current with the literature and that they demonstrate competency in database searching. Library faculty graded 75 student assignments, and students who received a failing grade were required to meet with a library faculty member for a brief remedial session.

Also in the winter semester of the M2 Capstone course, medical library faculty collaborated on the development and facilitation of two in-person instructional sessions with students (see Table 2).

Table 2: Medical Library Participation in the M2 Capstone Curriculum

Date	Title	Co-Instructor/Facilitator
February 11, 2014	Developing Scientific Structured Abstracts	Stephanie Swanberg, Keith Engwall
March 4, 2014	‘Free’ Images as part of Critiquing Scholarly Posters	Keith Engwall

Finally, Misa Mi, Keith Engwall, and Stephanie Swanberg participated as judges for the M2 Capstone Digital Poster Presentations on June 9, 10 and 11, 2014.

INTEGRATIVE EVIDENCE BASED MEDICINE COURSE Medical library faculty continued their role as members of the Evidence-Based Medicine course development team. The Evidence-Based Medicine course completed its second iteration in winter 2014 running April 1 – 14, 2014 and was the last course of the medical students’ second year immediately prior to taking their Step 1 exam. Library faculty were involved in planning the course and developed and taught three sessions accounting for 6.5 instructional hours (see Table 3).

Table 3: Information Mastery Sessions in Integrative Evidence-Based Medicine

Date	Title	Instructor
April 3, 2013	Locating the Best Available Evidence Lecture	Stephanie Swanberg
April 4, 2013	Locating the Best Available Evidence Lab	Nancy Bulgarelli, Keith Engwall, Dr. Misa Mi, Stephanie Swanberg
April 11, 2013	Systematic Reviews/Meta-Analysis	Dr. Misa Mi

A new format for the evidence-based medicine resources session was piloted this year. It included a non-mandatory 45-minute lecture by Stephanie Swanberg that reviewed the EBM pyramid of resources and major

searching tips and was followed by a two-hour, mandatory lab facilitated by Nancy Bulgarelli, Keith Engwall, Misa Mi, and Stephanie Swanberg. Students were divided into separate rooms with individual library faculty instructors and worked in their TBL teams through two cases to search the literature for the best evidence, synthesize the information they found, and present their findings and conclusions.

Library faculty also participated in mapping course and session objectives for the first iteration of the course for OASIS, constructing the multiple-choice exam, and completing the non-cognitive student assessments.

ADDITIONAL CURRICULUM INTEGRATION

Art & Practice of Medicine Course For the third consecutive year, Stephanie Swanberg included a brief section on “Counseling Patients on Finding Online Health Information” as part of the influenza vaccine session in the Art and Practice of Medicine course. New this year, Stephanie developed a counseling station as part of the intervention to help students practice counseling skills with each other and also served as a small group facilitator.

Promotion and Maintenance of Health Course Nancy Bulgarelli, Misa Mi, and Stephanie Swanberg participated as small group facilitators in PMH’s first Journal Clubs for the M1 Class on smoking cessation and the effects of TV watching on children. Stephanie Swanberg also worked with the course director, Victoria Lucia, to grade the 100 student assignments for each journal club.

STUDENT LUNCH ‘N LEARN SERIES The Medical Library continued its student Lunch ‘n Learn series for the second year, a monthly extracurricular instructional series intended to expand on information mastery content taught in the curriculum. Several of the sessions covered content formerly included in the Capstone curriculum with eight sessions taught between September 2013 and April 2014. A total of 80 students attended the series over the eight sessions, which is comparable to the 82 students who attended in the previous year (see Table 4).

Table 4: Student Lunch ‘n Learn Series

Date	Title	Instructor
September 9, 2013	PubMed Refresher	Dr. Misa Mi
October 7, 2013	Databases Other Than PubMed	Keith Engwall
November 5, 2013	Searching PubMed with Mesh	Keith Engwall
November 11, 2013	Finding Full Text Articles and Interlibrary Loan	Stephanie Swanberg
January 13, 2014	Locating Survey Instruments and Getting Permission to Use Them for Your Capstone Project	Stephanie Swanberg
February 10, 2014	USMLE Prep Resources	Dr. Misa Mi
March 3, 2014	Drug Information	Nancy Bulgarelli
April 14, 2014	Mobile Apps for Medicine	Keith Engwall

New this year, the library conducted two IRB-approved focus groups with 11 students to gather feedback and perspectives of those who attended versus those who did not attend sessions in the series. We received unique insight into the strengths of the series, areas for improvement, topic ideas for next year, and comments regarding the information mastery thread as a whole in the Capstone curriculum.

FACULTY

NEW FACULTY ORIENTATIONS The Medical Library introduced the School of Medicine's newest faculty to our resources and services this fiscal year and completed a total of 4 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.

INFORMATION MASTERY SERIES WITH CONTINUING MEDICAL EDUCATION In our third year of programming, the Information Mastery with CME credit series was once again integrated into the regular program schedule of the OUWB Center for Excellence in Medical Education. Dr. Misa Mi led the effort in creating the series of six lectures which ran from January – June 2013. Each session was again offered at both Beaumont Hospital Royal Oak and Troy (see Table 5). William Beaumont Hospital designated these training activities for AMA PRA Category 1 Credit(s)TM and therefore provided an incentive for OUWB clinical faculty and physicians to attend the sessions and receive continuing medical education credit as well as Meaningful Participation credit.

Month	Title	Instructor
February	Introduction to Evidence-Based Medicine	Dr. Misa Mi
March	EBM Resources	Stephanie Swanberg Janet Zimmerman
April	Systematic Reviews	Dr. Misa Mi
May	Searching PubMed	Keith Engwall Nancy Bulgarelli
June	RefWorks & Beyond: Introduction to Literature Management Tools	Stephanie Swanberg

A total of 31 participants (compared to 135 last year) were recorded over the 10 sessions including OUWB faculty, Beaumont physicians, residents, librarians, and Beaumont staff. Participation was mostly at Royal Oak (n= 23) with a small subset at Troy (n=8). Highest attendance was recorded at the 'Introduction to Evidence-Based Medicine' and 'EBM Resources' sessions with 22 participants between the two. Due to the drop in participation, the library will be evaluating the series for next year including timing, topics, and number of sessions offered.

3RD ANNUAL WILLIAM M. DAVIDSON MEDICAL EDUCATION WEEK Medical Library faculty participated on the programming team for this year's Medical Education Week and coordinated the following events:

- **Twitter MedEdWk2014 backchannel** – OUWB's Med Ed Week was documented on Twitter for the first time with Keith Engwall registering the hashtag #MedEdWk14.
- **Oral Presentations/Poster Session** – Stephanie Swanberg chaired the first Med Ed Week Poster Committee and developed a rubric for the peer review of posters. Three submissions were selected for oral presentations and Dr. Misa Mi moderated the session on May 20 at Beaumont Hospital Royal Oak.

SCHOLARLY METRICS PRESENTATION AT DEPARTMENT CHAIR & PROGRAM DIRECTOR MEETING On February 13, 2014 Stephanie Swanberg and Julia Rodriguez, Health Sciences, Nursing, and Faculty Research Support Librarian, presented on scholarly metrics to Oakland University's department chairs and program directors. The presentation described traditional metrics and their drawbacks, such as the journal impact factor and author h-index, and alternative means of identifying research impact with altmetrics.

Reference

During the past year, the Medical Library recorded 689 total patron encounters, interacted with 3,133 people and clocked 707.8 hours on instruction, reference, community engagement, research consultations and literature searches. Reference accounted for the highest number of requests, but instruction dominated in participants and hours accounting for 47.13% of total contact hours. Compared to last year, statistics had a slight increase with a 6.24% increase in the number of patron requests, a 10.48% increase in people we interacted with, and a 21.4% increase in the total of number of hours (see Table 6).

Table 6: Patron Encounters FY 2012 - 2014

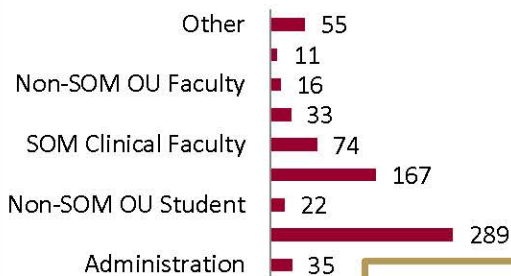
Request Type	Sessions			Participants			Hours		
	FY 13-14	FY 12-13	% Change	FY 13-14	FY 12-13	% Change	FY 13-14	FY 12-13	% Change
Reference	341	353	--	349	293	--	92.57	63.53	--
Research Consultation/ Lit Searches	241	171	--	245	176	--	173.45	154.6	--
Instruction	82	101	--	1525	1449	--	333.62	275.82	--
Community Engagement ¹	25	-	--	1014	-	--	108.16	-	--
Total	689	625	6.24%² increase	3133	1918	10.48%² increase	707.8	493.95	21.4%² increase

¹ Participation numbers may be estimated for community engagement events

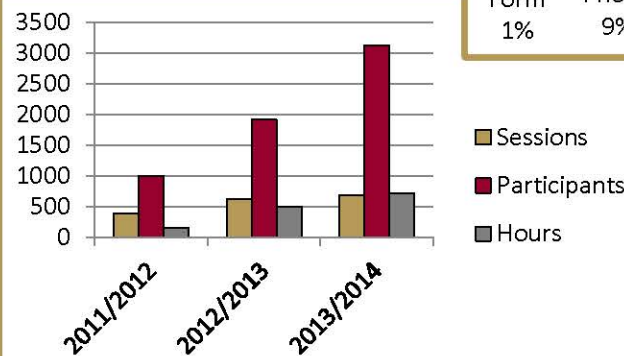
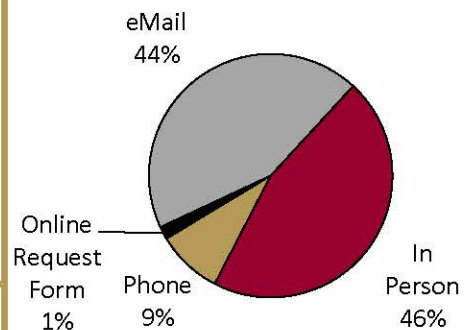
² % Change was calculated excluding community engagement, as this is the first year we have tracked this statistic

The Medical Library also began to track our community engagement efforts this past year. This year 1,014 people were reached in the Medical Library's community engagement efforts, over the span of 25 sessions and 108.16 hours of outreach. For more information see our Community Engagement and Outreach section.

Status of User (n=689)



Method of Contact



Collections

As the OUWB curriculum and community grows so does the necessity for more specialized resources to fulfill the requirements of teaching, learning, and scholarly activities of the OUWB's faculty, students, and staff. Over the last year, the Medical Library has added and renewed a number of databases, journals, and books. Table 7 showcases our major expenditures and acquisitions; 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: 2013-2014 Major Expenditures and Acquisitions

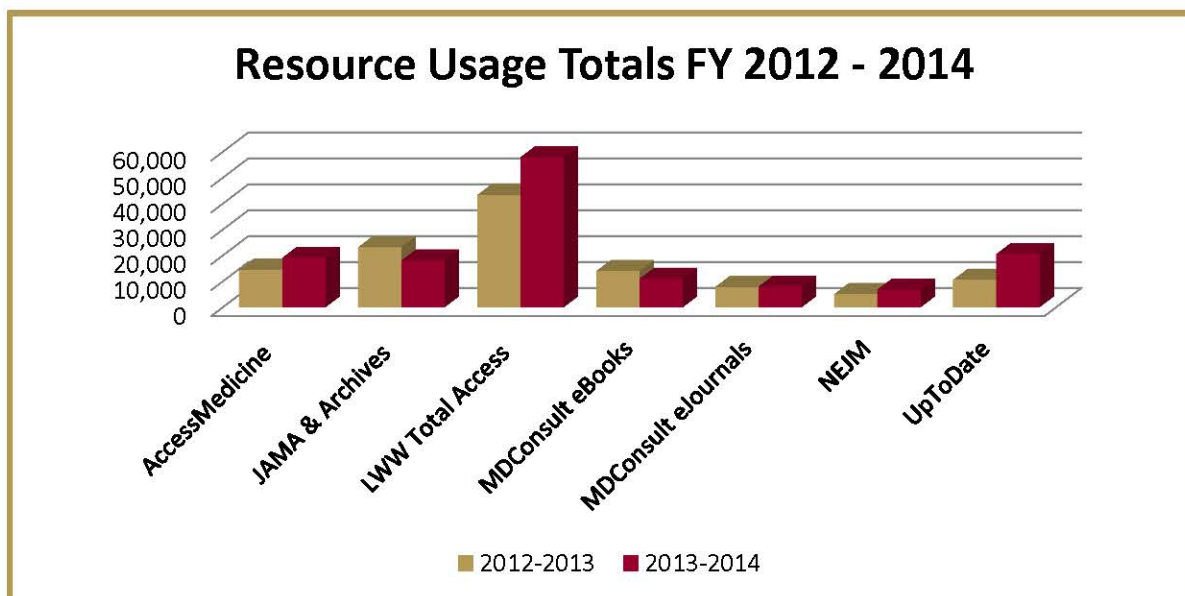
Name	Resource Type	Cost	% Increase from FY 12/13
AccessMedicine [renewal]	Database (eBooks)	████████	6.50%
Access Physiotherapy [new]	Database	████████	-
Acland's Video Atlas of Human Anatomy [renewal]	Streaming Video	████████	20.88%
AMA Manual of Style Online [renewal]	eBook	████████	5.49%
Anatomy.TV [new]	Anatomy Resource	████████	-
Annals of Internal Medicine [renewal]	eJournal	████████	3.68%
Browzine [renewal]	App Service	████████	-
Cochrane Library [renewal]	Database	████████	4.01%
Dynamed [renewal]	Database	████████	3.23%
EMBase [renewal]	Database	████████	4.86%
ExamMaster [renewal]	Question Bank	████████	6.61%
HaPI-Health & Psychosocial Instruments [renewal]	Database	████████	14.55%
IMAIOS eAnatomy [renewal]	Anatomy Database	████████	0.00%
JAMA Network License [renewal]	eJournal Package	████████	7.78%
JAMA Evidence [renewal]	Database	████████	5.49%
Journal Citation Reports [renewal]	Database	████████	5.00%
LWW Medical Books – New Editions	eBooks	████████	-
LWW Health Library Premium Collection [renewal]	Database (eBooks)	████████	5.00%
LWW Total Access Journal Collection [renewal]	eJournal Package	████████	9.67%
MDConsult [renewal]	Database	████████	7.93%
Micromedex [renewal]	Database	████████	-
Natural Standard [renewal]	Database	████████	4.55%
NetterInterAct [renewal]	Anatomy Resource	████████	0.00%
NetterPresenter [renewal]	Anatomy Resource	████████	82.93%
New England Journal of Medicine [renewal]	eJournal	████████	18.22%
Proquest Statistical Abstract [new]	Database	████████	-
PsychiatryOnline (DSM Premium) [new]	Database	████████	-
Science [renewal]	eJournal	████████	2.98%
ScienceDirect eJournals [renewal]	eJournals	████████	5.00%
Scopus [renewal]	Database	████████	5.00%

Scriver's OMMBID [renewal]	Database		8.65%
STAT!Ref [renewal]	Database (eBooks)		5.71%
Thieme eBook Library [new]	eBooks		-
Thieme Teaching Assistant: Anatomy [new]	Anatomy Resource		-
Thieme Winking Skull Pro [new]	Anatomy Resource		-
USMLEasy [renewal]	Question Bank		-
UpToDate [renewal]	Database		-
Wiley Online Books [new]	eBooks		-

Note: Some price information is considered confidential and not to be shared outside the institution per our license agreements.

Table 8: 2013-2014 Major Resource Downloads

Resource	July - September 2013	October - December 2013	January - March 2014	April - June 2014	Total	% Change from FY 12-13
AccessMedicine	5,358	8,514	3,586	1,726	19,184	32.19%
JAMA & Archives Journal Collection <i>(Note: Includes Beaumont Hospital use)</i>	3,419	4,899	5,115	4,714	18,147	-21.91%
LWW Total Access Journal Collection	8,180	26,680	14,544	8,603	58,007	33.68%
MDConsult eBooks	3,022	3,194	3,239	1,609	11,064	-21.31%
MDConsult eJournals	1,000	2,561	2,945	1,533	8,039	1.45%
New England Journal of Medicine	1,197	2,507	1,824	1,394	6,922	34.07%
UpToDate	4,995	5,647	5,716	4,295	20,653	93.18%
Total	27,171	54,002	36,969	23,874	142,016	151.35%



RESOURCE TRIALS The Medical Library also trialed several resources throughout the year: BatesOnline (streaming videos that accompany the APM textbook), Northern Lights, Thieme eBook Library, Thieme Teaching Assistant: Anatomy, and Thieme Winking Skull Pro.

LIBRARY LIAISON PROGRAM The library continued its liaison program with each library faculty member assuming responsibility for specific courses and disciplines. Liaison responsibilities include collection development, course guide creation, and faculty support.

New and Revised Course & Topic Pages:

- Anatomical Foundations of Clinical Practice Course Page, 2013. Available at:
<http://research.library.oakland.edu/sp/subjects/guide.php?subject=MDM19110>
- Behavioral Science Course [Updated]:
<http://research.library.oakland.edu/sp/subjects/guide.php?subject=MDM29322>
- Cardiovascular Course [Updated]:
<http://research.library.oakland.edu/sp/subjects/guide.php?subject=MDM19121>
- Drug Information and Pharmacology Resources Topic Guide, 2014.
<http://research.library.oakland.edu/sp/subjects/guide.php?subject=DRUGINFO>
- Exam Prep Resources [Updated]:
<http://research.library.oakland.edu/sp/subjects/guide.php?subject=Exams>
- Financial Resources for Medical Students Topic Guide, 2013. Available at:
<http://research.library.oakland.edu/sp/subjects/guide.php?subject=finanlit>
- Hematology Course [Updated]:
<http://research.library.oakland.edu/sp/subjects/guide.php?subject=MDM29320>
- Musculoskeletal, Connective Tissue, and Skin [Updated]
<http://research.library.oakland.edu/sp/subjects/guide.php?subject=MDM29318>
- Nutrition Topic Guide, 2013. Available at:
<http://research.library.oakland.edu/sp/subjects/guide.php?subject=nutrition>
- Neuroscience Course [Updated]:
<http://research.library.oakland.edu/sp/subjects/guide.php?subject=MDM19120>
- Psychopathology Course [Updated]:
<http://research.library.oakland.edu/sp/subjects/guide.php?subject=MDM29324>
- Respiratory Course [Updated]
<http://research.library.oakland.edu/sp/subjects/guide.php?subject=MDM1%209122>

New Online Tutorials

AMA Citation Style for Papers, Projects, and Presentations, 2013. Comprehensive online guide to aid students in determining appropriate times to cite, the AMA Citation Style, and online tools for organizing citations. Available at: http://research.library.oakland.edu/sp/subjects/tutorial.php?faq_id=187

Locating the Best Available Evidence for Clinical Care, 2014. Created to supplement the Evidence-Based Medicine Course, this eight-part online module reviews the first two steps of the EBM process and provides

details and resources for each tier of the 6S Pyramid of EBM Resources. Available at:
http://research.library.oakland.edu/sp/subjects/tutorial.php?faq_id=194

Additional Collection Updates

Faculty Collection The Medical Library began building a collection of books, book chapters, DVDs and videos, and other items (e.g. flash card sets written by OUWB faculty, staff and students). Individual articles will not be collected.

Current Awareness Apps The library began offering content through a number of new current awareness apps including Browzine, Docphin and Read QxRM. These apps work with the University Libraries' EZProxy to provide full-text access to subscribed content.

USMLE Prep & Review Collection The library significantly increased its collection of Step 1 and Step 2 review books. These are available for in-library use only in the Medical Library Study Room.

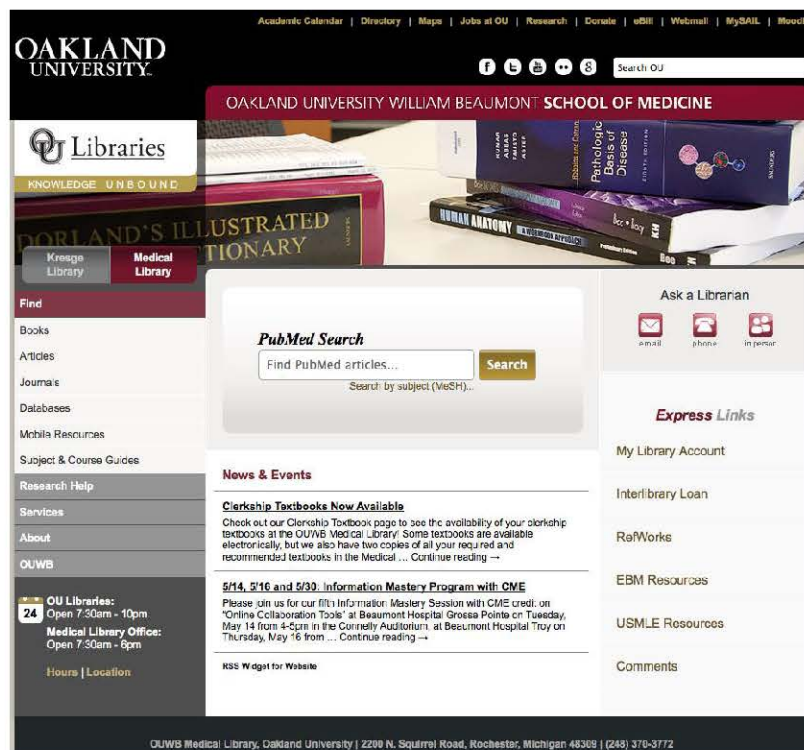
In total, the library added 355 items to its permanent collection. It purchased 117 individual books, eBooks, DVDs, and other special resources (eg: flashcards) based on recommendations from faculty and library liaisons. A large eBook package purchased from Wiley added another 200 titles to the collection. Finally, another 38 titles from Ovid were acquired.

Website

Keith Engwall completed development of the new Medical Library website (<http://medlib.oakland.edu>), which launched on December 16, 2014.

Some key differences between the old site and the new:

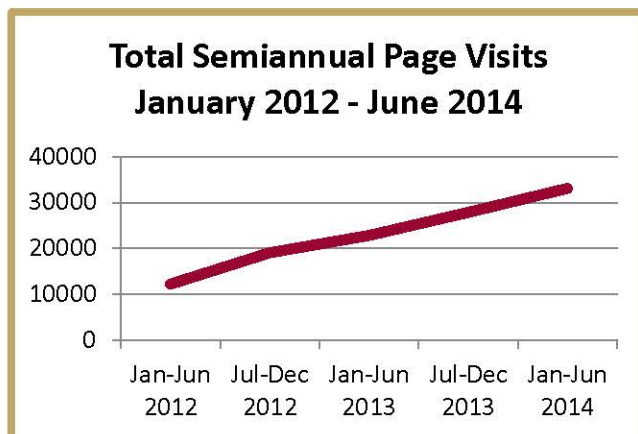
- **PubMed Search** As this is our featured resource, a quick search bar was placed at the top of every page, just below the header.
- **Library Hours** Medical Library office hours and Kresge building hours for the current day are now displayed at the lower left of every page.
- **Where are the Resource Links?** Rather than have an ever-growing list on the homepage that features only some of our resources, the new design has made it easier to navigate through ALL of the library's resources.
 - Textbooks can be found under the "Books" menu item on the left
 - Database links can be found under the "Databases" menu item on the left



- **Course and Subject Guides** are not new, but are a convenient way to find books, databases, and other resources for a specific course or subject. The Course and Subject Guides menu item is under "Find" on the left.
- **Medical Library to Kresge Library Navigation** To simplify moving between the Medical Library site and the Kresge Library site, navigation is now a prominent toggle between the two sites in the upper left corner.
- **Medical Library to School of Medicine Navigation** Navigation between the Medical Library site and other OUWB School of Medicine sites can be found in the OUWB menu item on the left.
- **Ask-a-Librarian** buttons are now in the upper right corner of every page to make contacting the library via email, phone, or in person easier.

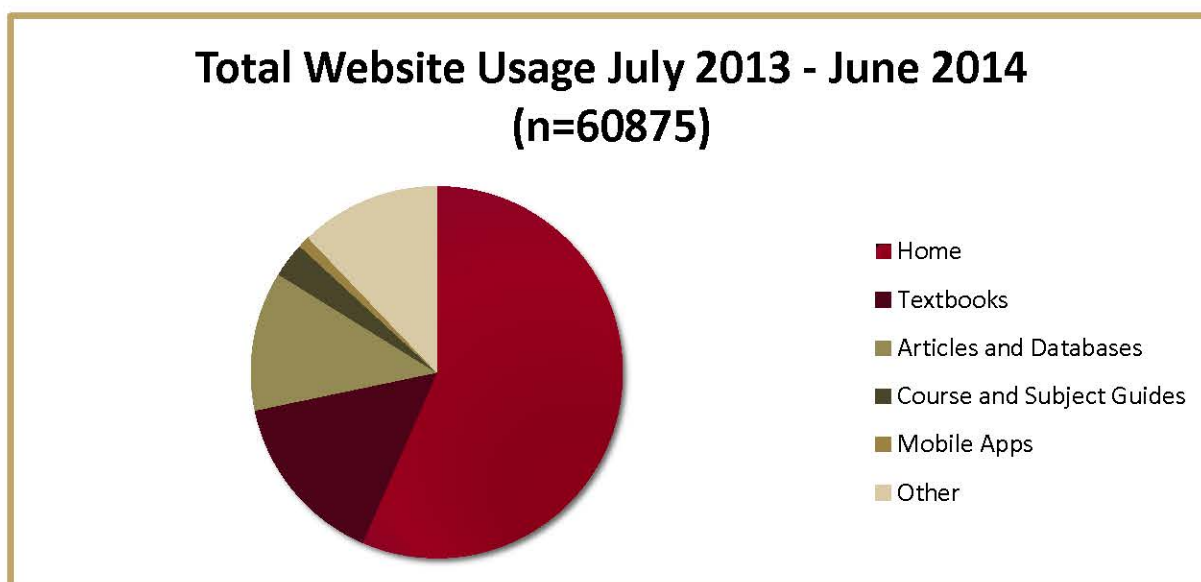
Research Consultation Calendar The Medical Library starting using youcanbook.me – a free scheduling software – to create a research consultation calendar. This provides students and faculty with an easy interface for scheduling appointments with a library faculty member.

Website Analytics Since January 2012, the Medical Library has been using Google Analytics to track the website's traffic. The site has had a steady increase in visits, averaging about 20% growth every six months and almost tripling overall, from 12,194 visits in the first half of 2012 to 33,046 in the first half of 2014.



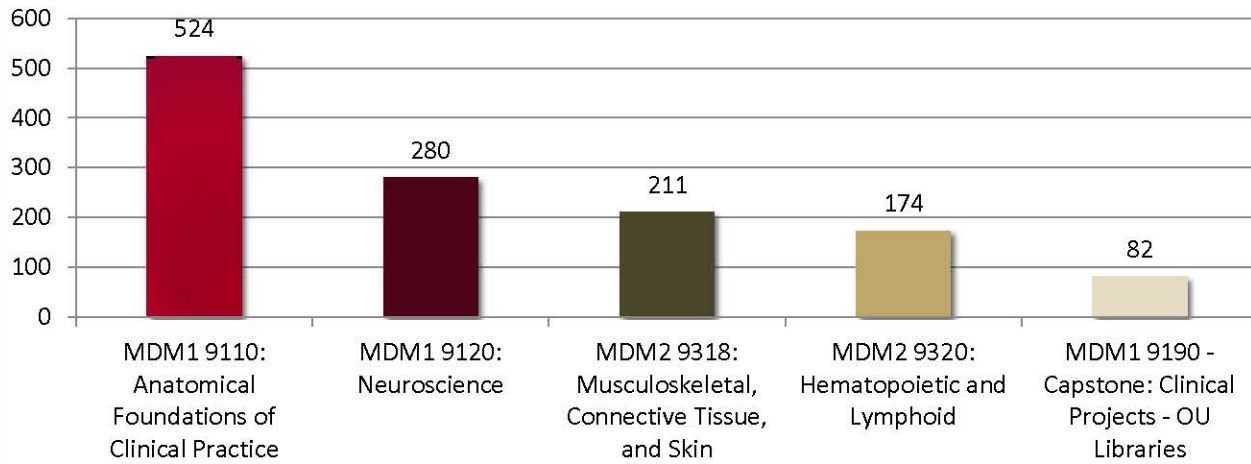
With the prominent PubMed search feature on the home page, 56% of site visitors get what they need directly from the home page. Other page visits can be broken down as follows:

- Textbooks (15%)
- Articles, Journals and Databases (12%)
- Course and Subject Guides (3%)
- Mobile Apps (1%)
- Other (12%)

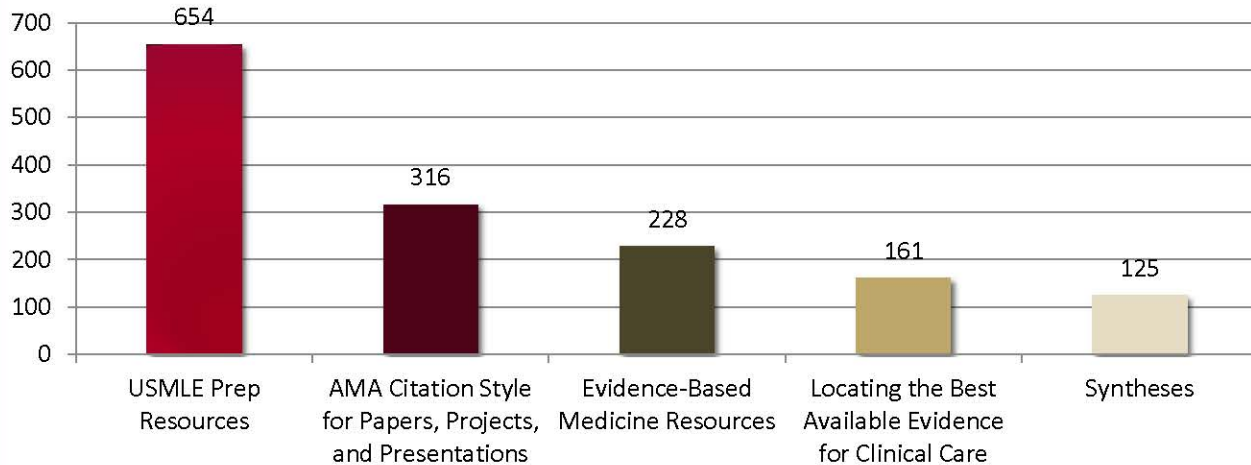


Course & Subject Guides The course and subject guides received a great deal of use over the year. The most heavily used course guide was Anatomical Foundations of Clinical Practice, with 524 visits. The most heavily used subject guide was USMLE Prep Resources, with 654 visits.

Top Course Guide Visits July 2013 - June 2014



Top Subject Guide Visits July 2013 - June 2014



Community Engagement & Outreach

EVENTS

The Medical Library's participation in and hosting of community engagement events and outreach initiatives increased significantly this year. The following highlights our activities.

- **Beaumont Children's Hospital Fundraiser** The OUWB Medical Library participated in a board game/video game fundraiser held on Friday, September 13, 2013. The event was coordinated by Stephanie Campbell, an M2 student, and Keith Engwall, and was sponsored by the medical student Pediatrics Interest Group to raise money for the Beaumont Children's Hospital. Evan Sprague and Stephanie Swanberg joined Keith in volunteering for the event, and the Medical Library provided funds for food and supplies. The event was attended by approximately 25 students and raised \$135.
- **Women in Medicine: Perspectives Across the Medical Continuum** As part of the Diversity Programming Team, the Medical Library co-sponsored this event celebrating National Women in Medicine Month on September 23, 2013. The event featured a panel of medical students, biomedical sciences faculty, and a Beaumont administrator who discussed their journeys through medicine and medical education, shared strategies for supporting women in the workplace, work-life balance, and overcoming gender stereotypes. A total of 54 OUWB students, faculty, and staff attended.
- **Michigan Libraries for Life 2nd Annual Organ Donor Registration Drive** The Medical Library hosted its second annual organ, eye, and tissue donor registration drive as part of Michigan Libraries for Life, a statewide library initiative to raise awareness of the program and register new donors. The drive was held over three days for a total of 12 hours in the Kresge Library Lobby. Eleven medical students volunteered to staff the table in addition to the faculty and staff of the Medical Library. New this year, the drive kicked-off with a special event that included an informal talk by Dean Robert Folberg. In total, the library registered 73 new donors, met 307 existing donors, and passed out information to 78 more.
- **Inaugural Open Access Week** Stephanie Swanberg partnered with Julia Rodriguez, Health Sciences, Nursing, and Faculty Research Librarian at Kresge Library, to coordinate inaugural Open Access Week at OU, October 21 – 27, 2013. The series of events raised awareness of open access (free, immediate online access to scholarly information) and attracted 47 OU faculty, staff, and alumni over the three events:
 - "Open Access 101" featured an introduction to open access by Stephanie Swanberg and a demonstration of the new institutional repository, OUR@Oakland, by Meghan Finch, Digital Assets Librarian.
 - "Challenges of Traditional Publishing Panel" featured OUWB's Dr. Craig Hartrick, Professor in the Department of Anesthesiology and Shawn Lombardo, Associate Dean of OU Libraries.
 - "Author's Rights Brown Bag" explored how authors can protect their scholarly work by Julia Rodriguez and Nancy Bulgarelli
- **Make A Difference Day** Nancy Bulgarelli, Misa Mi, and Stephanie Swanberg participated in the 2nd annual Make a Difference Day Brightmoor Health Fair and Fall Festival hosted by the OUWB at the City Mission Church and Community Center in Detroit. The library promoted MedlinePlus as the resource for



free, reliable health information and passed out informational handouts on common health conditions and diseases to community members.

- **Diversity Dialogue: Gestational Diabetes** The Medical Library co-sponsored this event recognizing American Diabetes Month (which aligned with the Reproductive/Endocrine course sequence for the M2s) on December 2, 2013. The event featured the perspectives of a Beaumont OB/GYN and two female patients who had existing diabetes or developed gestational diabetes. A total of 39 OUWB students, faculty, and staff participated.
- **Exploring the Roots of Harry Potter** The Medical Library hosted the National Library of Medicine Traveling Exhibit “Harry Potter’s World: Renaissance Science, Magic, and Medicine” from January 21 – February 21, 2014. In celebration of the exhibit, the Medical Library partnered with Katie Greer, Beth Kraemer, and Amanda Nichols Hess, members of the University Library faculty, to plan and host a series of popular events surrounding the exhibit. Across the four events, approximately 140 students, faculty, staff, and community members participated.
 - **Opening Reception – January 21** featured the Sorting Hat and build your own Hogwarts House bookmark as well as a quidditch demonstration by the OU Muggle Quidditch Team student organization.
 - **Lit to Film: Harry Potter and the Sorcerer’s Stone – January 21** featured a brief facilitated discussion of the book and viewing of the movie.
 - **24 Hour Harry Potter Movie Marathon – February 6 -7**
 - **Exploring the Roots of Harry Potter Panel Discussion – March 18** featured brief presentations discussing the origins of Harry Potter’s World in Renaissance science, art history, and literature by OU’s campus experts: Kevin Grimm (English), Craig Martin (Renaissance Europe & History of Science), Taraneh Matloob (Children’s Literature & Reading), and Galina Tiranic (Art History). The panel was video-recorded and will be broadcast on OUTV and available for streaming.



- **American Heart Month Celebrations** The Medical Library co-sponsored two events recognizing American Heart Month and participated in OU's African American Celebration Month in February as part of the Diversity Programming Team. The Diversity Dialogue "Promoting Heart Health in the African American Community" featured the perspectives of a Beaumont cardiologist and an African American patient diagnosed with heart disease. In addition, the team coordinated a celebration of National Wear Red Day to promote women's heart health at the OUWB. This event was featured in the student newspaper The Oakland Post: http://www.oaklandpostonline.com/article_964ddc14-933f-11e3-a827-0017a43b2370.html



- **Faith in Medicine Week** The Medical Library co-sponsored the inaugural OUWB Faith in Medicine Week in which the Diversity Programming Team partnered with several medical student organizations to host a series of events raising awareness of and celebrating faith in medicine. The events included a biomedical ethics roundtable for students, faculty and staff to discuss clinical cases involving faith; a panel featuring four physicians of different faiths and their perspectives on balancing faith and religious beliefs with medical practice; and finally A Walk in My Shoes event providing students, faculty, and staff the opportunity to attend a religious service or practice of another faith.
- **Bioengineering/Biomedical Sciences Summer Program** Keith Engwall worked with Jennifer Eastwood, Assistant Professor in the Department of Biomedical Sciences, Diversity and Inclusion staff Caryn Reed-Hendon and Kimberly Martin, and OUWB student Julie Blossom to coordinate the Medical School's third annual summer program, attended by 32 local high school students. This year marked the first collaboration between OUWB and the OU School of Engineering and Computer Science, featuring a mix of medical and engineering sessions over eight days. In addition to assisting with the overall program, Keith acted as embedded librarian, providing student participants with on-site research assistance, and designed an online learning community using WordPress to provide students with a safe online space to learn about the program and share their own thoughts and experiences.



- **Health Information Online for Senior Citizens** Misa Mi was invited to present a workshop for senior citizens on June 24 at the Old People's Commission in Rochester Hills. She presented on the topic of authoritative websites for health information to about 20 community members.

EXHIBITS

In addition to the Harry Potter exhibit, the Medical Library hosted **The Henkel Physicians: A Family's Life in Letters NLM Traveling Exhibit**, a historical traveling exhibit from the National Library of Medicine, September 9 - October 18, 2013. The exhibit chronicled the lives of a family of physicians living and working in New Market, Virginia, during the 19th century. The letters of the Henkel physicians are archived and available online via the exhibit website: <http://www.nlm.nih.gov/hmd/digicolls/henkel/index.html>

The Medical Library has also booked the following National Library of Medicine traveling exhibits over the next four years:

- *Surviving and Thriving: AIDS, Politics, and Culture*: January 19 – February 28, 2015
- *Every Necessary Care and Attention: George Washington and Medicine*: July 6 - August 15, 2015
- *From DNA to Beer: Harnessing Nature in Medicine and Industry*: February 8 – March 20, 2016
- *Life and Limb: The Toll of the American Civil War*: August 1 - September 10, 2016
- *Binding Wounds, Pushing Boundaries: African Americans in Civil War Medicine*: February 6 - March 18, 2017

MEDICAL LIBRARY NEWS – LIBRARY NEWSLETTER The Medical Library published 12 issues of our monthly newsletter this past year with Stephanie Swanberg continuing as editor. Each month the newsletter included a feature story, student corner, faculty corner, resource updates, and often a technology-related piece. The 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.

All issues are archived and available at <http://medlib.oakland.edu/news/newsletter.php>

Service

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

- **Nancy Bulgarelli**

- President-Elect, Metropolitan Detroit Medical Library Group
- Member, AAHSL New Health Science Libraries Committee (national)
- Member, AAHSL Program Committee (national)
- Chair, OUWB Committee on Student Awards
- Secretary, OUWB Curriculum Evaluation Subcommittee
- Board Member, OUWB Center for Excellence in Medical Education Advisory Board
- Ex-Officio, OUWB Medical Library Committee
- Member, OUWB Curriculum Committee
- Member, OUWB Curriculum Evaluation Committee
- Member, OUWB LCME Self-Study Taskforce, Educational Resources
- Member, OUWB M1/M2 Curriculum Subcommittee
- Member, University Libraries Administrative Leadership Team
- Member, University Libraries Operations, Assessment, and Management Group

- **Keith Engwall**

- President Elect, Michigan Health Sciences Libraries Association (regional)
- Co-Convener, New Members Special Interest Group, Medical Library Association (national)
- State Liaison for Michigan, Medical Library Association Midwest Chapter (regional)
- Chair, Nominating Committee, Metropolitan Detroit Medical Library Group (local)
- Member, Medical Library Association Research Agenda Systematic Review Team (national)
- Official Conference Blogger, Medical Library Association Annual Meeting 2014 (national)
- Member, Program Committee, Metropolitan Detroit Medical Library Group (local)
- Project Manager, OUWB Discipline Teams Project
- Member, 2014 OUWB Medical Education Week Planning Committee
- Member, 2014 OUWB Medical Education Week Poster Abstract Committee
- Member, 2014 OUWB Bioengineering Biomedical Summer Program Planning Committee
- Reviewer, OUWB Student Peer Feedback
- Member, University Libraries Electronic Resource Management Task Force
- Member, University Libraries Integrated Systems and Data Committee
- Member, University Libraries Integrated Library System (ILS) Investigation Task Force
- Member, University Libraries Library Technologies Team
- Member, University Libraries Online User Interface Committee
- Member, University Libraries Privacy Policy Task Force

- **Misa Mi**

- Chair, Membership Committee, Metropolitan Detroit Medical Library Group
- Member, Medical Library Association Continuing Education Committee (national)
- Board Member, Advisory Board for Center for Excellence in Teaching and Learning of Oakland University
- Board Member, OUWB Center for Excellence in Medical Education Advisory Board

- Member, OUWB Curriculum Evaluation Committee
- Member, OUWB Departmental Committee on Appointments, Promotion & Tenure
- Member, OUWB Faculty Evaluation Ad Hoc Committee
- Member, OUWB Interprofessional Education Committee
- Member, 2014 OUWB Medical Education Week Planning Committee
- Member, 2014 OUWB Medical Education Week Poster Abstract Committee
- Reviewer, OUWB Student Peer Feedback

- **Stephanie Swanberg**

- President, Metropolitan Detroit Medical Library Group (local)
- Chair, Program Committee, Metropolitan Detroit Medical Library Group (local)
- Co-Chair, 2015 Conference Education Committee, Michigan Health Sciences Libraries Association (regional)
- Member, Medical Library Association Research Agenda Systematic Review Team (national)
- Member, MI-AAHSL InfoShare Task Force (state)
- Secretary, OUWB Faculty Assembly
- Secretary, OUWB Curriculum Integration Subcommittee
- Board Member, OUWB Center for Excellence in Medical Education Advisory Board
- Chair, 2014 OUWB Medical Education Week Poster Abstract Committee
- Member, 2014 OUWB Medical Education Week Planning Committee
- Member, OUWB Diversity Council
- Member, OUWB Faculty Recognition Committee
- Member, OUWB LCME Self-Study Task Force, Faculty Self Study Group
- Reviewer, OUWB Student Peer Feedback
- Member, University Libraries Events and Exhibits Committee
- Member, University Libraries Wayfinding Task Force

- **Shirley Anderson**

- University Libraries Technical Services Committee

- **Evan Sprague**

- MDMLG Nominating Committee (local)
- MDMLG Program Committee (local)

Scholarly Activities

SCHOLARLY ARTICLES

- Afonso N, Kavanagh M, **Swanberg S**. Improvement in attitudes toward influenza vaccination in medical students following an integrated curricular intervention. *Vaccine*. 2014;32(4):502-506.
- **Mi M** & Gould D. Wiki technology enhanced group project to promote active learning in a neuroscience course for first-year medical students: an exploratory study. *Medical Reference Services Quarterly*. 2014;33(2): 123-135.

SCHOLARSHIPS, GRANTS & AWARDS

Keith Engwall

- Achieved Provisional Member status, Academy of Health Information Professionals, Medical Library Association

Misa Mi

- Awarded the Multimedia Award (\$4,800) from the OUWB Department of Biomedical Sciences to develop a series of online tutorials to complement face-to-face information mastery instruction.
- Awarded the Outstanding Scholar Award at the inaugural Faculty Recognition Reception for the Department of Biomedical Sciences on March 14.
- Awarded a grant (\$6,000) from the Arnold P. Gold Foundation Research Institute to conduct a rigorous review titled "Epistemological Beliefs and Medical Humanism Education: A Systematic Review." The review project is a collaborative effort by a team of 5 faculty members representing multiple disciplines at OUWB and OU.

Evan Sprague

- Received an award to attend the Michigan Health Sciences Libraries Association Conference in Grand Rapids in October.

Stephanie Swanberg

- Awarded the Citizenship Award at the inaugural Faculty Recognition Reception for the Department of Biomedical Sciences on March 14.
- Received the Michigan Health Council's 'Building Michigan's Health Care Workforce Award' with Dr. Nelia Afonso and Maurice Kavanagh for contributions to the influenza vaccine educational intervention in the Art and Practice of Medicine course in November 2013.
- Featured in *Oakland University Magazine's* The Gold Standard – Faculty spotlight recognizing Oakland University faculty members for their stellar accolades, achievements and contributions. Summer 2013 edition

CONFERENCE ACTIVITIES

Peer-Reviewed Oral Presentations

- **Engwall K**. Ditch the Binder! Leveraging Technology in Professional Organization Planning and Collaboration. Medical Library Association Annual Meeting, Chicago, Illinois, May 2014 [Peer Reviewed; National]

- **Engwall K, Swanberg S.** Using chat to complement didactic information literacy instruction. Michigan Academy of Science, Arts & Letters Annual Conference, Rochester, Michigan, February 2014 [Peer-Reviewed: Regional]
- Holyoke A, Dennison C, Farrell A, Gore G, Kysh L, Machel V, Marton C, O'Brien K, Pannabecker V, **Swanberg S**, Thuna M. Effectiveness of instructional methods used by librarians for teaching evidence-based practice: A systematic review. Canadian Health Libraries Association, Montreal, Quebec, June 2014 [Peer Reviewed: International]
- **Mi M**, Stefaniak J, Afonso N. Outreach to vulnerable and underserved populations to enhance medical students' service learning. Central Group on Educational Affairs Spring Meeting, Cleveland, Ohio, March 2014 [Peer-Reviewed: Regional]
- **Mi M.** What is your framework for program evaluation? The Eighth Annual Conference on Teaching and Learning of Oakland University and University of Windsor, Rochester, MI, May 14-15 [Peer Reviewed: Local]

Peer-Reviewed Posters

- **Engwall K, Swanberg S, Mi M, Bulgarelli N.** Serving Up Information Literacy: Opportunities for Learning Beyond the Curriculum – Reflections After Two Years. Medical Library Association Annual Meeting, Chicago, Illinois, May 2014 [Peer Reviewed; National]
- **Engwall K, Swanberg S, Mi M.** Serving Up Information Literacy: Opportunities for Learning Beyond the Curriculum. Michigan Health Sciences Libraries Association Annual Conference, Grand Rapids, MI, October 16-18, 2013 [Peer Reviewed: State]
- Kavanagh M, Holka K, **Swanberg S**, Afonso N. Comparison of attitudes towards influenza vaccination in first-year nursing and medical students. Central Group on Educational Affairs Spring Meeting, Cleveland, Ohio, March 2014 [Peer Reviewed: Regional]
- **Mi M.** What is the research evidence about learning? Can we apply it to improve our teaching? The Eighth Annual Conference on Teaching and Learning of Oakland University and University of Windsor, Rochester, MI, May 14-15 [Peer Reviewed: Local]
- **Mi M.** Instructional design for motivation. The Eighth Annual Conference on Teaching and Learning of Oakland University and University of Windsor, Rochester, MI, May 14-15 [Peer Reviewed: Local]
- **Mi M**, Barnes M, Doyle K, Lick D, Crossley N, Shubeck S, Fogla S, Devries J. Measuring Residents' Perceptions of the Environment for Learning and Practicing of Evidence-based Medicine. Harvard Macy Innovations Poster Session, Association of American Medical Colleges Annual Meeting (AAMC), Philadelphia, PA, November 1-6, 2013 [Peer Reviewed: National]
- Poznanski A, Devries J, Gillum L, Joyce B, Kruer J, **Mi M**, Rajasekaran S, Wunderlich T. An Innovative Residents as Teachers Program. Table Discussion Session at Academies Collaborative, Association of American Medical Colleges Annual Meeting (AAMC), Philadelphia, PA, November 4-6, 2013 [Peer Reviewed: National]
- **Sprague E.** An emerging medical library's endeavor to track institutional scholarly publications. Medical Library Association Annual Meeting, Chicago, IL, May 2014 [Peer Reviewed; National]

- **Sprague E.** Comparison of Institutional Scholarly Publication Tracking Methods. Michigan Health Sciences Libraries Association Annual Conference, Grand Rapids, MI, October 16-18, 2013 [Peer Reviewed: State]

CONFERENCE ATTENDANCE, FACULTY DEVELOPMENT, CONTINUING EDUCATION ACTIVITIES

- Misa Mi attended the Educating to Innovate in Healthcare event—Celebrating 20 Years of Innovation at the Harvard Macy Institute, June 20-21, 2014 in Boston, MA.
- Nancy Bulgarelli, Keith Engwall, Evan Sprague, and Stephanie Swanberg attended the Medical Library Association Annual Conference, May 16 – 21, 2014 in Chicago, IL.
- Nancy Bulgarelli and Misa Mi attended the 4-hour MLA continuing education course “Knowledge Transfer” at WSU Shiffman Medical Library, May 2, 2014 Detroit, MI.
- Misa Mi attended the Central Group on Educational Affairs (CGEA) Spring Meeting, March 27 – 28 in Cleveland, Ohio.
- Keith Engwall & Stephanie Swanberg attended the Michigan Academy of Science, Arts & Letters Conference, February 28, 2014 in Rochester, Michigan.
- Nancy Bulgarelli and Misa Mi attended the AAMC 2013 Annual Conference, November 1 – 6, 2013 in Philadelphia, Pennsylvania.
- Nancy Bulgarelli, Keith Engwall, Evan Sprague, and Stephanie Swanberg attended the annual Michigan Health Sciences Libraries Association conference, October 16-18, 2013 in Grand Rapids, Michigan.
- Keith Engwall and Stephanie Swanberg attended the pilot MLA CE workshop “Systematic Reviews: Opportunities for Librarians,” August 27-28, 2013 in Ann Arbor, MI.
- Stephanie Swanberg attended the Dartmouth Institute’s “Supporting Clinical Care: An Institute in Evidence-Based Practice for Medical Librarians,” August 6-9, 2013 in Calgary, Alberta.
- Nancy Bulgarelli, Keith Engwall, Misa Mi and Stephanie Swanberg attended the 3-hour “Qualitative Analysis Methods in Medical Education MERC Workshop,” July 31, 2013.
- Nancy Bulgarelli, Keith Engwall and Stephanie Swanberg attended the inaugural meeting of the MI-AAHSL InfoShare group on July 18, 2013 in Ann Arbor, MI.

HIGHLIGHTS: ADDITIONAL MEDICAL LIBRARY ACTIVITIES & PROJECTS

MEDICAL LIBRARY SPACE EXPANSION AND RENOVATION Renovation and expansion of the Medical Library's study and office space began in early April 2014 and was largely complete by the end of June 2014. During the construction, faculty and staff moved into temporary quarters and part of the Medical Library Study Room was cordoned off as a staging area. Part of the Study Room remained accessible throughout the construction, however, and students had access to computers, printer, models and textbooks throughout the construction.

The new spaces feature a variety of study areas, technology, and office space.

- *Collaborative Group Study Room:* This space can accommodate 50 students in the main area in a combination of high and low tables and soft seating options. It also includes two smaller break-out rooms that can accommodate 8 students each. This is a technology-rich space, incorporating Workware, a new technology that allows up to four laptops to connect wirelessly to the same monitor and facilitates group work and collaboration.
- *Quiet Study Room:* The former Medical Library Study Room has been transformed into the Medical Library Quiet Study Room and outfitted with 29 study carrels for independent study. Anatomical models and copies of all the required and recommended textbooks are also available to make this a true learning environment.
- *Medical Library Office:* The newly renovated Medical Library Office includes private offices for the faculty and a consultation room for small group instruction.

The new spaces have been extremely well received by students, and the medical library staff continue to accept feedback and make improvements to better meet user needs.



OUWB Publications List This ongoing project recognizes the school's scholarly activity and provides a list of the journal articles, meeting abstracts, book chapters, books and other works written by OUWB faculty, students and staff. It was 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 were searched by name. Members of the faculty were also asked to submit difficult to locate items such as books and book chapters. Citations were downloaded to an EndNote database and enhanced with information about the authors' OUWB departments and status.

- **OUWB QUARTERLY PUBLICATION REPORT: APRIL-JUNE 2014** This quarter's search identified 102 new items added to the databases during the months of April, May and June written by OUWB faculty, staff and students. This included three MedEd Portal documents and eight works by student writers.
- **OUWB 2013 PUBLICATION LIST** The Medical Library compiled a list of the school's 2013 publications. A total of 563 items were identified, including 379 peer-reviewed articles, 147 published meeting abstracts, 12 books/book chapters, 15 MedEd Portal submissions and 10 miscellaneous items.
- **OUWB 2012 PUBLICATION LIST** The Medical Library compiled a list of the school's 2012 publications using the methods described above as well as using the BRI publication list to identify missing items. The authors of each publication were checked against the OUWB faculty list for 2012, the department for each faculty author was added as an extra field, and links to the electronic full-text were added as available. The final report contains 343 items.