

# MDMLG NEWS

Fall 2014



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## President's Message from Stephanie Swanberg

Just one day as President of MDMLG and I had to take a vacation!

Okay, the vacation was already planned. It just happened to fall the day after the summer luncheon, but I caught your attention, didn't I? Although starting to make a name for myself in MDMLG, I wanted to take a moment and share my library milestones, as I haven't had the pleasure of meeting all of you in my three years in this wonderful organization.

- **1997:** Tagged along with my mom for her weekly stint as a volunteer at our local public library
- **2002:** Followed in my mom's footsteps and starting volunteering myself
- **2003:** My designated career path was Section 12: public service, health care, and education in a high school career placement test (*who knew?!?!*)
- **2004:** Chose librarian for "I want to be a \_\_\_\_when I grow up" speech for my high school public speaking class
- **2007:** Met my future husband at my local public library
- **2009:** Started the information program at UM specializing in library and information services (*after getting through undergrad as quickly as possible because I just couldn't wait to get to library school!*)
- **2010 - 2011:** Interned at the UM Taubman Health Sciences Library & found my calling
- **2011:** Started my first professional position as a medical librarian in a brand new medical school called Oakland University William Beaumont School of Medicine
- **2013:** You elected me as your next MDMLG President

Although the goals and objectives of the MDMLG President change very little from year-to-year, this year the Board will be focusing on a few new efforts including investigating ways to engage members and recruit new members as well as critically analyzing the budget. As part of this, a new ad hoc group has been formed to investigate ways to allow member participation in general meetings when they are not able to attend in person.

Thanks to JoAnn Krzeminski for volunteering to lead this group as well as Karl Ericson, Valerie Reid, and Wendy Wu for volunteering to serve! We look forward to your recommendations.

As we begin a new year, I hope you can join us for our upcoming general meeting on Big Data on Thursday, September 11, 2014 from 11:30 – 3:30pm at the [Oakwood Physical Therapy and Wellness Center in Dearborn](#). Janet Zimmerman and Angela Sponer have pulled together a fascinating program including a Lunch 'n Learn featuring Keith Engwall, Web & Emerging Technologies Librarian at the Oakland University William Beaumont School of Medicine, who will give an overview of big data and his involvement in MLA's research initiative. In addition, Justin Joque, Visualization Librarian at the U-M Library, and Katherine Ackers, Biomedical Research/Research Data Specialist at Shiffman Medical Library, will share their new roles and initiatives for librarians in supporting data and research at their institutions in the afternoon session.

As your new President, I want to extend a huge thank you to the Executive Board for their service and to you, the membership, for your continued support of MDMLG! I'm always open to new ideas and suggestions so feel free to contact me at [swanberg@oakland.edu](mailto:swanberg@oakland.edu) should you have any!

Stephanie Swanberg

## Join Us for the General Business Meeting

**Thursday, September 11, 2014**

**Big Data: What's It Mean to You and Your Library?**

[REGISTER HERE](#)

Heard the term "big data" and wonder what it really means to you and your library? Join us for a introduction during lunch followed by presentations from two librarians who have taken the plunge into the big data world and how their new roles have emerged in the library arena.

### **PRESENTERS:**

- Lunch & Learn - Introduction to Big Data, Keith Engwall, Web & Emerging Technologies Librarian at Oakland University William Beaumont School of Medicine
- Afternoon Program:
  - Katherine Akers, Biomedical Research Analyst, Wayne State University, Shiffman Medical Library
  - Justin Joque, Visualization Librarian, University of Michigan Library

**DATE:** Thursday, September 11, 2014

**LOCATION:** Physical Therapy and Wellness Center (across the street from Oakwood Hospital),  
17101 Rotunda Drive, Dearborn, MI 48124,  
(313) 791-4347

Parking is free right outside the building

<http://www.oakwood.org/physical-therapy-wellness-center>

**AGENDA:** 11:30-12:00pm – Registration  
12:00-12:45pm – Lunch & Learn Presentation  
12:45-1:00pm – Break  
1:00-1:45pm – Business Meeting  
1:45p-2:00pm – Refreshment Break  
2:00-3:30pm – Program

**COST:** \$7 if ordering a lunch from On the Border (*see registration form for choices*)

Payment Methods:

- [PayPal](#)
  
- Check – make out to MDMLG and send to
  - Angela Sponer
  - Henry Ford Hospital
  - Sladen Library , K-17
  - 2799 W. Grand Blvd
  - Detroit, MI 48202

Hope to see you there!

MDMLG Proaram Committee

## Big Data: Beneficial or Big Brother?

by Jill Turner

Big data, the research wave of the future? Of course, if you think about it, the concept makes sense. More data will lead to better informed decision-makers and, in theory, better decisions.

I am rather a novice when it comes to the subject of big data. The term has been bandied about quite often recently, but I know little about its use in reference to healthcare. I am going to assume that there are a few others within MDMLG that are in the same situation as me. Therefore, I will start with the basics. [Healthcare IT News](#) defines big data this way: “a term used for massive amounts of information that can be interpreted by analytics to provide an overview of trends or patterns.” I did a quick search in both PubMed and Google (not Google Scholar) to get a feel for how much information is currently available on the subject of big data in healthcare. A phrase search in PubMed yields 470 results. Most of the articles have been published within the last six years; more than half were published in 2014. This publishing trend shows the speed with which this topic is gaining traction within the healthcare arena. Google, as you can probably guess, has a ton of information available. What follows are the basics of what I have learned about big data in healthcare.

Where will big data come from? Electronic medical records, clinical trials, and insurance claims are a few of the sources. Data can also come directly from patients themselves via wearable devices such as a Fitbit, from social media, or from online support groups. Intel and the [Michael J Fox Foundation](#) (MJFF) are conducting research studies that follow Parkinson’s patients who are wearing smartwatches designed to track diagnostic indicators such as tremors, gait, sleep patterns, and etc. The smartwatches relay the information to a cloud system. (According to the MJFF webpage, the data has been “de-identified”.) [ABI Research](#) reports that “data from wireless, wearable devices ... is expected to eventually flood providers and insurers”. Additionally, as we are all aware, we live in a world where many people are willing to post their inmost secrets as well as their health history to the web.

According to various sources, there are several ways big data “will” or “may” (depending on the source) be beneficial to healthcare. Many believe the use of big data is a key to lowering healthcare costs. [Health Affairs](#) published the study *Big Data in Health Care: Using Analytics to Identify and Manage High-Risk and High-Cost Patients* that speaks to six areas of practice where big data information could help lower costs: identifying *high cost patients* in order to manage their care more effectively; reducing preventable *readmissions* by improving care delivery; estimating patient risk upon arrival (*triage*) to predict staffing, bed requirements, patient transfers, and overall patient management; using predictable identifiers to identify and monitor patients at risk for *decompensation*; identifying patients at risk for various *adverse events* such as infection or renal failure; and optimizing treatment for *diseases affecting multiple organ systems* such as scleroderma and systemic lupus. The blog [Hospital Impact](#) posits that big data analysis could be used to improve public health, preventive care, and organ transplant matching. A real life example of how big data may be used for public health or preventive care comes from the Carolinas. A health system in the Carolinas purchased consumer spending data “to analyze purchases and anticipate patients’ future healthcare needs”. Their premise is that “if a patient buys a lot of alcohol or eats a lot of fast food, he or she could be at a risk for depression or diabetes.” Wow.

The movement to utilize big data is not all wine and roses. There are a few thorns in the big data approach. As librarians, we know there are many ways to collect, record, and store data. System compatibility may be a concern. Another consideration will be access. Who should be allowed to access this data? Healthcare providers and institutions must concern themselves with HIPPA. What about the data that come directly from patients? A recent [Federal Trade Commission](#) study found that health app developers have collected and shared consumer health data with third-parties, including marketers, unbeknownst to and without the consent of the users.

The [archived webcast](#) is available for online viewing. Perhaps I now need to be more concerned when I enter Ho-Hos and chocolate ice cream into my food log in my health fitness app. Is my insurance company watching? After all, I may be at risk for obesity based on my eating and exercise habits.

If you want to learn more about big data, the subject of the 3rd Biennial [Kathleen A. Zar Symposium](#) held at the John Crerar Library at the University of Chicago this past April was "[Data: Collecting, Using, Managing](#)". The website describes the Symposium this way: "This symposium will provide participants with an understanding of how data is used in real world applications, as well as examples of collaborative efforts between institutions, groups or individuals specific to collection, use, access, preservation and overall management of data." The program included seven presentations covering the aforementioned aspects of big data. The Symposium has been archived and is available online. Although not specific to healthcare, most of the presentations are interesting although a couple are a bit overwhelming. However, they made me appreciate the power and opportunities that big data can provide. Joel Selanikio, a practicing pediatrician and former epidemiologist for the CDC who is tagged as a "health and technology activist" presented a TED talk entitled "[The surprising seeds of a big-data revolution in healthcare](#)" which is very interesting as well.

On September 11<sup>th</sup>, MDMLG will be hosting our own presentation on the subject. The libraries at Wayne State University and the University of Michigan are utilizing big data and have dedicated library positions to facilitate its use in their universities. I can't wait to hear how they got started.

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## MUSIC ISN'T JUST FOR MEDICAL THERAPY

*By Laura Bollman*

This past summer I enjoyed my internship at the Interlochen Arts Camp in northern Michigan. It was an interesting journey to spend my time working with youth ages 9-18 and more music than I have ever been around. Why apply to Interlochen? My adjunct position was not needed over the summer; I saw the position posting and thought why not. I started violin lessons in the 4<sup>th</sup> grade and played until my freshman year of college. Roughly six years ago, I took up the cello. Yes, the cello came with me and I was the least talented on campus.

Working the reference desk in the music library was filled with learning experiences for a new librarian. One thing I found interesting was how these young campers learned with their ears. There were campers who preferred the analog sound of the record collection over the digital sound on CDs, campers who could follow a score while listening to a full orchestral performance and the musical tastes of these young people was all over the spectrum; opera, jazz, show tunes and so much more.

Turns out, musical training may benefit the auditory skills necessary for medical professionals ([Duffy, 2012](#)) Identification of auscultative sounds is vital. Music education can aid in the identification of pitch, loudness, duration, foreground and background.

Odds are good that your library is already making strides to accommodate multiple learning styles. Based on my observations of these talented musical youth this summer, there are a couple of things medical libraries can promote to aid in developing students' auditory skills. Provide headphones for listening to recordings of auscultative sounds. The

campers had their own earbuds but preferred to check out headphones. Perhaps it was the novelty of headphones or maybe the headphones helped to block out background noise. Additionally, collaborative space should be available for students to discuss and listen to sounds without using earbuds/headphones. Teamwork can be key in learning how to differentiate sounds. Campers would work in groups to evaluate a piece. I frequently overheard lines similar to 'did you hear what he did there'. Of course, with medical students the line might be 'did you hear the inconsistency with that valve'.

Practice makes perfect. The line holds for our medical students when learning how bodies sound when they are well and in distress; it is not just for sports and music.

Duffy, T. C., Fennie, K. P., Pellico, L. H., & Swan, K. A. (2012). Looking is not seeing and listening is not hearing: effect of an intervention to enhance auditory skills of graduate-entry nursing students. *Nursing Education Perspectives*, 33(4), 234-9. [PMID: 22916626](#)

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## LAUGHTER YOGA for STRESS REDUCTION

by Karl Ericson

Is it possible to live without stress? It could be that stress comes with the simple fact that we are alive, living in complicated times where one can be inundated with deadlines, trainings, all kinds of personal and professional commitments, the news, trends, and viral videos both humorous and treacherous, all at speeds never before known. Some picture our job, that of librarian, in very unrealistic ways, often picturing us leisurely reading away our days, lost in a world of books, and endless discussion of books. For some of us, if we're lucky, we may still get to have those discussions, still get lost in a good read, but it's usually on our own time. While changing misconceptions about our profession is important, it's not the intent of this article. The intent is to question, what do we do with all of the stress? Because, we know that the job of librarian can be very stressful at times.

For myself and my colleagues in academic settings, this is the start of another school year. A time that can often prove stressful due to the influx of new and old students. As well, faculty are quickly turning their attention to revamping their syllabuses and looking for assistance in establishing course reserves, new support materials, and instruction sessions. All of this on top of the normal day-to-day work flow. That this happens regularly, cyclically, is quite a good thing as it allows us to plan ahead for the onslaught. But aside from knowing it's coming, what else can we do to prepare? And what about those unpredictable times? How can one prepare themselves mentally and physically to always be ready to counter the stress that inevitably comes?

Well, there are many solutions and I'm not going to try to list them all here. Maybe you've already found a practice that works well for you, if so, I applaud you! But, for those still struggling, or for those who might think that it takes too much work to cope with stress effectively, productively, healthfully, let me offer this fun alternative: laughter yoga!

A few years ago I started hearing about "laughter clubs" springing up in India. Well, over the years, what was once informal, has become organized to the point where there is actually a [Laughter Yoga International](#) that promotes the conscious use of laughter as a Yoga technique. "Laughter Yoga is a revolutionary idea – simple and profound. An exercise routine...a complete wellbeing workout. Developed by a medical doctor from India Dr. Madan Kataria and it has spread across 72 countries." The good Dr. has an outstanding video on YouTube (<http://bit.ly/1ze6lBa>) detailing a number of the techniques, try to watch all 11:12 minutes without laughing, even if it just appears completely insane. The website goes on to list the

many benefits of laughing even claiming that some of these benefits have been “scientifically proven”, no citations provided of course. Now, I have no doubt that laughing is good for you mentally, emotionally, probably spiritually as well, but does it really have a measurable physiological response? I decided to do some of my own research. Can laughter be an effective intervention?

In one study, authors [Miller and Fry](#) (2009), set out to determine “whether mirthful laughter might also favorably affect endothelial dependent flow-mediated vasodilation (FMD).” Using a randomized-cross over design this study attempted to compare the FMD of two groups after viewing different videos, one stress inducing and one laugh inducing. In the end the authors tepidly conclude, “...mirthful laughter may serve as a useful and important vehicle for the promotion of vascular health.”

In another study the authors ([Dolgoff-Kaspar et al., 2012](#)) studied a group of six patients awaiting organ transplantation, measuring “each participant’s heart rate, HRV, blood pressure (BP), and immediate mood before and after the laughter and control interventions. The 20-minute laughter intervention involved breathing and stretching exercises, simulated laughter (i.e., unconditional laughter that is not contingent on the environment), chanting, clapping, and a meditation. The 20-minute control intervention involved the study’s personnel discussing health and study-related topics with the participants.” The participants did show positive responses to the intervention, however both the laughter yoga and the control method improved longer-term anxiety. The authors conclude, “This pilot study suggests that laughter yoga may improve HRV (heart rate variability) and some aspects of mood, and this topic warrants further research.” Again, scientifically limited, statistically unverifiable, but a positive result for those few studied.

There is a kind of assumed wisdom that spontaneous laughter is good for you, good for the body and good for the soul. The previous two studies suggest that there are probably far ranging, positive benefits to those spontaneous fits of laughter. So, how powerful might the conscious application of laughter be for the body and soul? As with many things in life, you get out of it what you put into it. The real beauty of laughter is that it appears to be intimately connected with the human experience from a very young age. Not too many people can remain stressed out and preoccupied with themselves when they hear the complete abandon with which an infant laughs. My advice? Take a laughing baby break! Look up “laughing baby” on YouTube and try not to laugh.

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## MY ROAD to MDMLG

by Carla Brooks

I am a librarian at the University of Michigan-Dearborn Mardigian Library. Last year, I became the selector for the College of Education. However, around the same time, the College added a Health and Human Services program, with courses covering public and community health, as well as a Master's degree program in Health and Information Technology. Now the College of Education, Health and Human Services ("CEHHS"), is essentially two programs, the established Education program and now the new Health component. Since we are not likely to create a medical or health sciences librarian position at the moment, it is up to me! Time to delve a little deeper in the world of medicine.

My first experience learning about medicine was at Sladen Library (Henry Ford Hospital). I worked there as a serials assistant back in the late '80's and really enjoyed learning about subjects far from my English major degree. I learned about MEDLINE, then accessible in the mediated search world ("BRS, dot-dot") and shortly before I left the first CD-ROM when MEDLINE made its debut (much better)! I received my MLS while working there (thanks to helpful co-workers and employer reimbursement!) from Wayne State University. After graduation, it was time to look for a librarian position. I wanted to work in special libraries, including medical, but I found myself in academic libraries, and have been there ever since.

When I began working at the UM-Dearborn Mardigian Library, I was assigned as library selector for the Behavioral Sciences. This included selecting resources for the Health Policy Studies program. So, though my connection to the medical world was still there, the focus in the HPS program was more administrative than clinical.

Still, I needed to keep aware on health and medical issues. I periodically went to the [Academy Health](#) website seeking information on public health and policymaking, and signed up for occasional webinars of interest. I attended a few local PubMed trainings, and kept practice with other versions of MEDLINE as well. I signed up for *DynaMed* alerts, and to my surprise, can understand *most* of the terminology used in the evidence based cases.

However, with my new collection responsibilities, my need to connect with medical librarians in person is very important too! MDMLG was my first thought, so I decided to join in 2013. I have already met new colleagues, and am getting reacquainted with former ones as well. I was able to attend a few programs the past year, and am looking to attend many more in this upcoming year.

I will likely explore MSHLA, and the "other" MLA as well. For now, though, getting involved with MDMLG is my first choice.

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## STUDYING ABROAD as a LIBRARY STUDENT

by Courtney Mandarino

If you study a foreign language in college, a study abroad program may be an obvious choice. If you're an art student, a semester in Paris would be a dream come true. As a library student, however, studying abroad may seem a bit more out of the ordinary, but is still an incredibly rewarding experience.

In the summer of 2010, I attended the month long British Libraries and Information Centers course put on by the [University of Southern Mississippi](#) that takes students to a variety of libraries in England and Scotland. During my month in the UK, my class traveled to all manner of library, seeing everything from centuries-old manuscripts, to a collection of art books (that's book that *are* art, not books *of* art), to modern public libraries and many things in between. These experiences would have been amazing enough on their own, but were even better since I was also earning credits toward my degree. Here, I'd like to share my favorite library and what I learned as well as the experiences of others who have completed the program.

I think my favorite library visited was the London Zoo Library. I had never really thought about zoos having libraries, let alone the types of information they would have in their collections. In addition to the expected zoological journals and textbooks, they also kept zoo records, annual reports, zoo guides, and stud books (to help ensure genetic diversity among the animals bred in captivity).

What surprised me the most about libraries in England were the precautionary measures in place to help keep the collections safe. This is understandable, considering almost every library we visited in London had stories of the damage sustained during the bombings of WWII. As a result, many of the libraries today have a number of fire doors to prevent the spread of fires, as well as storage areas with even greater levels of fire and disaster prevention systems in place.

Other colleagues have studied abroad:

### **Kim Kelly, Library Assistant, Oakwood Hospital Library, British Studies Program 2014**

One of the best things about the British Studies program was that all of the students were from different U.S. LIS programs. It was a terrific networking experience. The library science world is not a large field. This was a great opportunity to meet not only librarians and archivists from the U.K. but from all over the U.S. as well.

Our class visited the [Greenwich Maritime Museum](#), Caird Library & Archive. What I found most interesting there was a rare journal from the 1700's kept by a ship's doctor. There were various illustrations and suggested "cures" for his patients. Our class also visited [King's College London-Maughan Library](#). This library houses the Foyle Special Collections. Here they hold a wide collection of information pertaining to King's College Hospital, including works from [Joseph Lister](#) and [Florence Nightingale](#).

### **Angela Sponer, Librarian, Henry Ford Hospital, British Studies Program 2010**

Bookin' it through the United Kingdom was one of my most memorable times in library school. I was fortunate to have the opportunity to attend the University of Southern Mississippi's British Studies Program during the summer of 2010 to learn about the behind the scenes operations of libraries and archives in England and Scotland. The month long trek provides students a wealth of examples from which to learn about great library services.

The [Barbican Library and Centre](#) is perhaps my favorite public library. The library is part of the greater Barbican Arts Centre, which houses a theatre as well as a community gathering space for the arts. The library has a typical collection of fiction and non-fiction works for adults and children as well as a room completely dedicated to sheet music. There are even two pianos at which patrons use headphones to listen to themselves practice while maintaining a quiet library environment. My takeaway from the Barbican and other libraries visited was that although each library has unique services, there is always the need for librarians to integrate their library into the larger community and stay engaged in creating an exciting and relevant space for library users.

Traveling abroad can be an incredible experience, and is something more library students should consider. There are several programs out there that can take students all over the world and teach them about a huge variety of library

collections and services. As every librarian knows, no two libraries do things in quite the same way, and being exposed to a greater variety of library practices can inspire librarians to try new ideas and methods at their own libraries. I can safely say that the British Studies Program was one of the greatest experiences of my life, and would heartily encourage current library science students to explore study abroad programs as well.

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## ANNOUNCEMENTS

### Upcoming Events

**Thursday, September 11, 2014**

**11:30am-3:30pm**

[MDMLG Fall Business Meeting](#)

Oakwood Hospital  
Dearborn, MI

**October 15 – 17, 2014**

[MHSLA Annual Conference](#)

Soring Eagle Resort  
Mt. Pleasant, MI

**October 27 – 29, 2014**

[Internet Librarian](#)

Monterey, CA

**January 30 - February 3, 2015**

[ALA Midwinter Meeting](#)

Chicago, IL

**February 22 – 25, 2015**

[Electronic Resources in Libraries](#)

Austin, TX

**March 23-25, 2015**

[Computers in Libraries](#)

Washington, DC

### News

**Jill Turner**, University of Detroit Mercy School of Dentistry Library, was recently promoted to Associate Librarian.

## Newsletter Committee 2014 - 2015

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