

HEALTH SCIENCES LIBRARIES

Accomplishments and Activities 2008-2009



ALEXA J. Canady



Alexa J. Canady, M.D., believes that "surgery is a service business. You provide a service as unobtrusively as possible. But you must be human. In order to provide good quality care, it is so important that patients are able to talk to you and not regard you as some deity above them."

Her "patient-care first" approach, her ability to set her patients at ease, and her down-to-earth attitude have all contributed to her success as a pediatric neurosurgeon.



"If you want to be SOMETHING, YOU HAVE TO PERCEIVE THAT SOMETHING IS POSSIBLE."



Born in Lansing, Michigan, she came from a well-educated, traditional family with a strong tradition of public service values.



“The mission of the health sciences library is to be a valued partner, fully integrated into the work of the university and providing leadership in knowledge management for education, research, patient care, and community outreach.”

Profile of the Health Sciences Libraries



The Health Sciences Libraries serve five schools and colleges (Medicine, Nursing, Pharmacy, Public Health, and Dentistry) as well as the University of Michigan Health System, basic and clinical research, and bioinformatics and clinical translational science. The library is also open to the public

for use of its resources onsite. This year the library had over 214,000 walk-in visits, over 755,000 visits to the library’s web site, and library staff answered 19,559 reference questions from the user community either in-person, by phone, by email, or by chat reference.

The library has a strong liaison program, partnering with faculty, staff, and students in the health sciences. There are currently 14 liaison librarians, working with each of the five health sciences schools, departments, and research centers. Dedicated to education and facilitating access to health sciences information, the library offers many courses on the use of its resources and on effective information management. This year librarians taught over 225 education sessions for 3,050 students.

As part of its outreach work within the community, the library participated in over 25 outreach information sessions this past year (workshops, information fairs, and other community events) which presented an opportunity to interact with over 4,400 individuals who attended the sessions.

The library has more than 20,000 print and electronic journal subscriptions and over 548,000 print volumes in the collection. The library shares the Mirlyn (Ex Libris) online catalog as part of the University Library, and Health Sciences Libraries staff work collaboratively with other libraries in the system on a variety of projects.

As a Resource Library in the National Network of Libraries of Medicine, the Health Sciences Libraries are a gateway to, and a partner with, over one thousand biomedical libraries nationwide. And, as an Outreach Library in the Greater Midwest Region of the National Network of Libraries of Medicine (NN/LM GMR), the library provides health information to local communities in Michigan.

The library is organized into the following departments: Liaison Services, Information Services, Research & Informatics, and Outreach Services.

Liaison Services

Description: The Liaison department cultivates partnerships with the health sciences communities; partners with faculty to integrate the library into the health sciences curricula and the clinical environment; assesses and develops programs that fulfill the information needs of clientele; creates an environment for open communication between the libraries and departments; collaborates with faculty on appropriate projects, including grants; identifies departmental information needs and develops strategies to meet these needs; promotes awareness of library services, collection resources, and developments in information management and how these can improve education, research, and patient care; provides individual and small group consultations and expert searching; participates in library and university committees; and contributes to the profession through activities in library, education, and health associations and publications.

Recent Goals:

- Continued development of curriculum integration.
- Strengthening educational collaborations with Medicine, Dentistry, Nursing, Pharmacy, and Public Health.
- Developing instructional modules for basic sciences and public health.
- Participating in e-portfolios pilot and other professional development opportunities.

Information Services

Description: The Information Services department provides all aspects of reference services by assisting and instructing users in the use of library and information resources, including walk-in, phone, email, or chat reference. The department also coordinates with Liaison and Outreach Services to provide information and education services to support the instructional and outreach missions of the libraries.

Recent Goals:

- Developing a strategy for establishing innovative approaches to service delivery.
- Converting existing face-to-face instruction for open classes into web-based tutorials.
- Implementing a single service desk, combining reference and circulation services.
- Staff development.

R esearch & Informatics

Description: The Research & Informatics department provides leadership for health sciences research and library partnerships to support biomedical research programs; to manage new and existing services, serving as a hub for research interactions between the University Library (Science Library, Electronic Resources Officer, Art, Architecture and Engineering Libraries) and biomedical informatics (clinical informatics, bioinformatics, public health informatics, community informatics); coordinates and promotes collaborative interdisciplinary informatics efforts of health sciences informationists and liaisons supporting informatics research (bioinformationist, clinical translational research liaison, human genetics, biological sciences); evaluates and procures tools and resources that contribute to informatics research; provides leadership in data usage and accessibility by leveraging the library's expertise in the subjects of copyright, patents and trademarks, and publishing/publisher models; fosters the research relationship by embedding library services in informatics outreach efforts including usability testing, documentation and training; provides library resources training for informatics researchers.

Recent Goals:

- Continued building of collaborations with informatics programs.
- Exploring opportunities and expanding informatics services to researchers.

O utreach Services

Description: The Outreach department cultivates partnerships between the library and the health sciences communities and works closely with community organizations to provide outreach services in support of the mission of the university and for the benefit of the local community, state, and region. Outreach works closely with liaison librarians to identify, contribute to, and participate in local health-related events sponsored by the departments and schools at the University of Michigan and UM Health System; builds relationships and fosters partnerships with community organizations to provide effective health information education programs for diverse local user populations; exhibits and presents at meetings of health professionals in Michigan to promote health information resources and services. The Outreach Coordinator is also the outreach contact for the Greater Midwest Region of the National Network of Libraries of Medicine and reports outreach activities to the region.

Recent Goals:

- Increasing visibility at UM and community events.
- Developing working relationships with Patient Information Centers within Taubman Center.
- Coordinating a series of exhibits.
- Providing instructional sessions at local senior centers; staffing information booths at various health fairs and the Ann Arbor Art Fair; teaching MedlinePlus sessions at the Ann Arbor District Library; and working with Ann Arbor Public School health and wellness teachers.

Outreach & Exhibits

With a primary goal of increasing the Health Sciences Libraries' visibility in both the campus and local community, and with the recent addition of an Outreach Coordinator to the staff, this year's activities highlight in particular the library's diverse community outreach programs and initiatives.

“Opening Doors: Contemporary African American Academic Surgeons” Exhibit



The Health Sciences Libraries kicked off the academic year by hosting a traveling exhibit “Opening Doors: Contemporary African American Academic Surgeons” in September 2008. “Opening Doors” celebrates the contributions of African American academic surgeons to the fields of medicine and medical education. The exhibit tells the stories of four pioneering African American surgeons and educators who exemplify excellence in their fields and who believe in facilitating the journey of excellence for others by helping educate and mentor younger physicians and surgeons.

Through contemporary and historical images, the exhibit takes the visitor on an inspirational tour of the lives and achievements of the four distinguished academic surgeons. “Opening Doors” was developed

and produced by the National Library of Medicine and the Reginald F. Lewis Museum of Maryland African American History and Culture.

As part of a special event in conjunction with the exhibit, Dr. Alexa Canady, a pediatric neurosurgeon and University of Michigan alumna

featured in the display, was invited to give a keynote address on October 6, 2008. Dr. Canady is the first African American woman neurosurgeon. She specializes in pediatric neurosurgery, and is a proponent of the humanistic “patients first” philosophy of medical practice. Dr. Canady is also a dual-degree graduate, receiving both her undergraduate and medical degrees from the University of Michigan.

Prior to the keynote, a panel of University of Michigan health providers – Tara Breslin, MD; Cheryl Lee, MD; Mas Jimbo, MD; and Sonya Miller, MD – spoke about their own personal challenges in achieving their career goals. These physicians represented a spectrum of diversity in both ethnic backgrounds and fields of specialization.



The “Opening Doors” program events were a collaborative effort, involving the University Library Diversity Committee, the UM Medical School Office of Diversity and Career Development, and the UM Health System Diversity Network. An online version of the exhibit is available on the National Library of Medicine website: <http://www.nlm.nih.gov/exhibition/aframsurgeons/>.

“Against the Odds: Making a Difference in Global Health” Exhibit



The Health Sciences Libraries hosted a special traveling exhibit from the National Library of Medicine and the National Institutes of Health. On display from March 10 – April 13, 2009, “Against the Odds: Making a Difference in Global Health,” focused on the role of communities in improving health at home and around the world. The exhibit explored the shared basic needs required for a good quality of life, including nutritious food and clean water, a safe place to live, and affordable health care. The next stop for the traveling exhibit, after leaving the Health Sciences

Libraries, was Istanbul, Turkey. As part of the event to promote awareness of global health, the library also highlighted activities from UM global health projects and global health resources from the University Library. An online version of the exhibit is available on the National Library of Medicine website: <http://apps.nlm.nih.gov/againsttheodds/exhibit/index.cfm>.

“Creative Minds, Changing Minds” Exhibit



In recognition of National Mental Health Month, the Health Sciences Libraries hosted a Michigan Association of Community Mental Health Boards art exhibit, “Creative Minds, Changing Minds,” from May 15 – May 31, 2009. The 35-piece exhibit featured work by people who utilize Community Mental Health services in the state of Michigan. The exhibit helped create awareness of how the arts can help break through the stigma surrounding mental health issues, playing a positive role in the recovery process from mental illness and substance use disorders as well as helping individuals with developmental disabilities build new life skills. As part of the exhibit, the library

hosted a free public event entitled “Healing Arts” which featured a presentation from the UMHS Gifts of Art program in addition to a hands-on creative session guided by an art therapist. Participants in the art therapy session created a mandala, a circular design frequently used in meditation, then engaged in a drawing session and discussion of their artwork and its personal interpretation and meaning.



Anatomy through the Ages: Pre-Vesalian to 1800” Exhibit

In conjunction with the North American Congress on Biomechanics, the Health Sciences Libraries hosted an exhibit from August 3 – August 10, 2008 featuring print treasures from the Taubman Medical Library Rare Book Room which trace the history of anatomy from the 15th through the 18th centuries. The exhibit was very well received by conference attendees, and visitors came from as far away as the University of Calgary.



Tribal Health Summit

As part of the Health Sciences Libraries’ outreach initiatives, librarians participated in the inaugural Tribal Health Summit held at the Michigan League on October 15, 2008. The summit was attended by health directors of the tribal communities of Michigan, including the Keweenaw Bay Indian Community and the Little River Band of Ottawa Indians, as well as representatives from the American Indian Health and Family Services, Michigan Tribal Health Directors Association, the Michigan Inter-Tribal Council, the MBPI (Match-E-Be-Nash-She-Wish Band of Pottawatomi) Health and Human Services Department, and the Great Lakes EpiCenter. The purpose of the summit was to provide information to the university community about Native American health concerns, current issues, and cultural considerations in healthcare; to share information about the university’s outreach and community engagement programs; and to examine potential partnerships between the university and the tribal communities. Health issues related to diabetes, cancer, HIV/AIDS, substance abuse, and teen suicide were highlighted, and administrative issues of health center funding and resource allocations were discussed. Health directors expressed interest in establishing a center of excellence for Native Americans at UM. The summit was sponsored by the American Indian Health & Family Services of Southeastern Michigan, the Michigan Institute for Clinical & Health Research, and the UM Office of State Outreach within the Office of the Vice President for Government Relations.



8th Annual “Mending the Sacred Hoop” Tecumseh Powwow



Photo credit: Patricia F. Anderson

A group of Health Sciences Libraries’ staff members participated in the Tecumseh Powwow in June 2008, discussing quality health information resources such as MedlinePlus, low-cost insurance options, and resources tailored specifically for the Native American community. Over the course of the weekend event, staff members talked with over 160 individuals and made contacts with the State of Michigan Van Buren County Department of Human Services and the American Indian Health and Family Services organization, based in Detroit.

AATA (Ann Arbor Transportation Authority) Employee Health Fair

Health Sciences librarians also participated in the first employee health fair organized by the AATA in May 2008. Bus drivers, bus mechanics, office workers, and their family members were encouraged to attend this event for health assessment and disease prevention which included blood sticks for cholesterol and glucose readings, an ultraviolet screening for melanoma, a prostate specific antigen (PSA) analysis, and other types of health testing. Other participating organizations were the local Visiting Nurses Association, Blue Cross and Blue Shield, and the University of Michigan Comprehensive Cancer Center. In addition, free back massages were offered by a local firm, Whole Foods store representatives gave out coupons and other freebies, and a fitness store exhibited running shoes. Other incentives offered were the chance to win a windshield screen, t-shirt, water bottle, or a \$100 gift certificate. Healthy snacks were available as well — veggies, fruit cups, yogurt, and turkey franks. Health Sciences librarians promoted the availability of reliable health information on the Web and distributed flyers and pens about MedlinePlus.



Kidney Cancer Educational Support Group, Genesys Hurley Cancer Institute

Health Sciences librarians provide training expertise in other venues in the state, including a presentation to the Kidney Cancer Educational Support Group at the Genesys Hurley Cancer Institute in Flint (GHCI). The presentation on the topic of “Finding Quality Health Information on the Internet” focused on how to evaluate health websites in addition to a Q&A session, following an overview of primary resources such as MedlinePlus, Clinicaltrials.gov, and PubMed. Participants included cancer survivors and their caregivers, social workers and staff psychologists from GHCI, as well as the program director for the National Kidney Foundation of Michigan.



Chelsea Senior Center



The Health Sciences Libraries have also offered two workshops, one on “Power Searching with Google” and another on how to evaluate health information on the Internet, with an introduction to MedlinePlus, NIH Senior Health, Go Local, and other sources of quality health information. One of the highlighted resources from the National Institute on Aging (NIA) features quick tips for helping older adults search for online health information. Entitled “Quick Tips for a Senior Friendly Computer Classroom,” it’s part of a trainer toolkit, based on findings from NIA-funded research about how cognitive and physical changes impact older adults’ use of computers, and can be accessed at <http://nihseniorhealth.gov/toolkit/toolkitfiles/html/QuickTips.html>.

A letter of appreciation signed by all the class participants was sent to the Health Sciences Libraries: “We’ve had other speakers, but we don’t recall ever writing a letter of commendation in response to any of them. At the close of [the] first presentation, there was an immediate buzz among our members. We quietly agreed among ourselves that we simply had to express our thanks for what we consider one of the liveliest, most informative meetings we’ve ever had. The second Session only reinforced that decision.” From members of The Chelsea Senior Computer Group, March 2009.

“Moving Toward Solutions: Addressing Teen Pregnancy Prevention in Michigan” Conference



The Health Sciences Libraries are active in public health efforts throughout the state. The public health liaison librarian has taught consecutive workshops for the past two years for the “Moving Toward Solutions: Addressing Teen Pregnancy Prevention in Michigan” conference. The most recent workshop, taught in Kalamazoo in May 2009, focused on using social networking tools to address teen pregnancy prevention and healthy sexuality. The conference was sponsored by the Michigan Department of Community Health (MDCH), the Michigan Department of Education, and the Michigan Public Health Institute. Twenty-five participants attended the workshop, including public health nurses, school counselors, school health teachers, Planned Parenthood staff, MDCH staff, and staff from the Michigan Department of Education.

Partners for Excellence

Volunteering in the Ann Arbor Public Schools

The PROGRAM

The Partners for Excellence Program started in 1993 with an business-community partnership. In 2004, the program expanded to include individual volunteers. This program is a key component of the Ann Arbor Public Schools' involvement with the community.

Today, more than ever before, the services of the community are needed to strengthen our educational program. The diversity of students and the diversity of programs offered to meet their needs, demand resources that cannot be offered by the schools alone. Volunteers are needed for kindergartens through high school.

Partners for Excellence
The Ann Arbor Public Schools would love to share your time and talents with our students.

The OPPORTUNITIES

Volunteer placements include:

- Academic Assistants**
Provide students assistance with individual students or small groups of students at all levels. The greatest need is at the elementary level with reading, writing and math. There are placements during and after school.
- Teacher Assistant**
Provide an extra set of hands for teachers by doing general tasks such as copying and organizing materials.
- Bilingual Assistant**
Persons who speak languages in addition to English to help in classrooms with our students who are English Language Learners by translating for students, parents and teachers. There is also a need to translate at parent conferences and meetings. The most requested languages are: Spanish, Japanese, Korean, Chinese and Arabic. However, all languages are welcome. There are over 100 languages spoken in the Ann Arbor Public Schools.
- Story Time Helper**
Inject a line of reading to students through reading stories that children love with expression and animation. The group consensus seems to script and do more dramatic in elementary schools throughout the district.

Our VOLUNTEERS

As a volunteer, you will positively impact the educational effectiveness of our students. Your assistance will help our teachers and schools improve instruction, lighten the work load and enrich the curriculum.

Assistance is needed working with students and teachers. The Partners for Excellence Program welcomes the involvement and expertise of the community to enhance classroom learning for all of our students.

We believe that the time you spend with our students and in our buildings will be very rewarding. We may find that you will learn new things along with the students.

The BENEFITS

To Volunteers

- Rewarding and satisfying experiences.
- An investment in tomorrow's leaders.
- Increased understanding of the school system.
- Make a difference in someone's life.

To Students

- Enriched curriculum.
- Identification with successful role models.
- Acquisition of new skills.

To Educators

- Assistance with special assignments.
- Opportunities to increase personal and community involvement.

To the Community

- Strong public school system.
- Well prepared work force.
- Increased civic cooperation.

Ann Arbor Public Schools
www.aaps.k12.mi.us

"Enhancing Classroom Learning Through Volunteers"

HSL Librarians have also established a partnership with local public school teachers as part of the Ann Arbor Public Schools' district-wide Partners for Excellence Program. The program is a volunteer effort to facilitate interactions between the school system and local organizations in order to identify and develop partnerships that will enrich the curriculum and have other positive impacts on teachers and students in the public schools. Following upon a series of meetings and discussions with administrators and health and wellness teachers in the school system, librarians began plans to assist with the curriculum for high school students enrolled in a required health and wellness course at Pioneer High School by providing training and resources on reliable sources of online health information. As part of the class, students research nine health topics over the course of the school year.

Topics covered include depression, domestic and relational violence, street drugs (ecstasy, rohypnol, and GHB), smoking and nicotine addiction, alcohol drinking, stress and its effects, bullying, marijuana, and sexually transmitted diseases. Librarians provided lists of current, relevant websites, and other supplemental data and online resources to assist students in their research.

Initial feedback from administrators and health and wellness teachers has been very positive and has led to a number of additional opportunities. Health Sciences librarians have been invited 1) to attend the first Ann Arbor District in-service workshop for health teachers, 2) to provide hands-on computer training sessions for teachers, 3) to present about the partnership at library conferences, and 4) to publish an article on the results of working with the health and wellness class.

Rosenzweig, Merle and Schnitzer, Anna Ercoli (2009) 'Partners for Excellence: How the University of Michigan Health Sciences Libraries Assisted the Ann Arbor Public Schools in Their Health and Wellness Curriculum,' Journal of Consumer Health on the Internet, 13:4, 359 - 373

Available from: <http://www.informaworld.com/smpp>

Sample library guide for health and wellness course

9. STI [Sexually Transmitted Infections or SDI Sexually Transmitted Diseases] information, statistics, treatments for

FamilyDoctor.org

<http://familydoctor.org/online/famdocen/home/children/teens/sexuality/275.printerview.html>

<http://familydoctor.org/online/famdocen/home/common/sexinfections/sti/165.printerview.html>

MedlinePlus

<http://www.nlm.nih.gov/medlineplus/sexuallytransmitteddiseases.html>

http://www.nlm.nih.gov/medlineplus/news/fullstory_80462.html

<http://www.nlm.nih.gov/medlineplus/tutorials/sexuallytransmitteddiseases/htm/index.htm>

National Institutes of Allergy and Infectious Diseases

<http://www3.niaid.nih.gov/topics/sti/>

<http://www3.niaid.nih.gov/topics/gonorrhea/>

<http://www3.niaid.nih.gov/topics/chlamydia/>

<http://www3.niaid.nih.gov/topics/genitalWarts/>

<http://www3.niaid.nih.gov/topics/pelvicInflammatoryDisease/overview.htm>

American Social Health Association [asha.org](http://www.asha.org)

http://www.ashastd.org/learn/learn_overview.cfm

http://www.ashastd.org/learn/learn_statistics.cfm

Centers for Disease Control

<http://www.cdc.gov/nchs/fastats/stds.htm>

<http://www.cdc.gov/STD/>

womenshealth.gov

<http://womenshealth.gov/faq/sexually-transmitted-infections.cfm>

AVERT is an international AIDS charity

<http://www.avert.org/std.htm>

UMS University Health System

<http://www.uhs.umich.edu/stiassess>

National Institute of Allergy and Infectious Diseases

<http://www3.niaid.nih.gov/topics/sti/>

World Health Organization

http://www.who.int/topics/sexually_transmitted_infections/en/

Planned Parenthood

<http://www.plannedparenthood.org/health-topics/stds-hiv-safer-sex-101.htm>

Bupa

http://hcd2.bupa.co.uk/fact_sheets/html/Sexually_transmitted_diseases.html

University of California San Francisco

http://www.ucsfhealth.org/adult/medical_services/womens_health/gynecology/conditions/std/signs.html

4Parents.gov

<http://www.4parents.gov/sexrisky/stds/stds.html>

Research & Informatics

Faculty Research Profiles

Working with the UM Medical School Office of Research, Medical School Information Services, and Collexis, Health Sciences librarians helped in the development of the Faculty Research Profiles tool, a resource for identifying medical faculty research expertise and for promoting interdisciplinary clinical and translational research collaboration. The Faculty Research Profiles tool features recent publications and grants and is searchable by department, author's last name, and keywords.

"I was involved with this project almost from its inception, so it was a great opportunity to contribute all through the project lifespan, from development to rollout, and now promotion and training. Recently, I've had the chance to present Research Profiles at various faculty meetings, and to senior leadership from the Comprehensive Cancer Center and Michigan Institute for Clinical Health Research. It's really a great resource to facilitate collaboration and identify the domain expertise here at UM. This project has opened up a lot of other doors for me, as well. I've developed good relationships with people in the Office of Research and MSIS that I might otherwise never have met, and these relationships have led to other projects and opportunities I might otherwise not have come across. It's really been a great experience."

Marisa Conte, Clinical and Translational Sciences Liaison, Health Sciences Libraries

Collexis

researchprofiles

Home

By Concept By Last Name By Full Text

Welcome to the Research Profiles!

In an effort to synergize inter-disciplinary clinical and translational research, Michigan is committed to using innovative research tools and information technologies to promote collaboration regardless of organizational affiliation or position within the bench-to-bedside-to-population spectrum of science. This expertise portal is a key component of Michigan's mission to catalyze the application of new knowledge and techniques to clinical practice at the front lines of patient care.

Home

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Departments

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 - MSA Medical Education
- Medical School Basic Sciences
 - B Biological Chemistry
 - C Cell and Dev Biology
 - H Human Genetics Department
 - M Microbiology and Immunology
 - Molec and Integrative Physiology
 - P Pharmacology Department
- Obstetrics and Gynecology
- Ophthalmology and Visual Science
- Oral Surgery Section
- Orthopaedic Surgery
- Otolaryngology
- Pathology Department
 - Pediatric and Comm Diseases Dept
 - Pediatric Hospitalists
 - Pediatric Surgery Section
 - Pediatrics-Ambulatory Care Pgm

Recent Grants

more >

1. Pinsky, David J
Human Molecular Genetics of Vascular Disease
30 September 2009 - 31 August 2011
NATIONAL HEART, LUNG, AND BLOOD INSTITUTE
2. Woods, James H
Dopamine D2/D3 Receptors in Compulsive Disorders
30 September 2009 - 30 June 2013
NATIONAL INSTITUTE ON DRUG ABUSE

<http://www.researchprofiles.collexis.com/umichigan/default.asp>

NIH Public Access Policy

Health Sciences librarians have been involved in a variety of activities relevant to ensuring public access to the results of publicly-funded research, following upon the passage of the National Institutes of Health (NIH) Public Access Policy in April 2008. The NIH policy requires that all peer-reviewed manuscripts deriving from NIH funding be archived in the publicly accessible database PubMed Central once they have been accepted for publication. HSL librarians have worked together to develop a comprehensive approach to support researchers, consisting of formal institutional administrative support, informational presentations, expert individual assistance, and a manuscript deposit system. The University Library has also authored a copyright addendum for UM authors to retain the right to deposit.

HSL librarians facilitated the writing of a standard letter from faculty authors to publishers, co-signed by the Senior Associate Dean of Research and the Associate Dean for Regulatory Affairs, which encourages publishers to aid UM authors in complying with the NIH Policy. When included in author communications with the publisher, the letter lends weight and status to investigators in these interactions. The letter, along with explanatory information on the policy and instructions for compliance, is available from the UMMS Office of Research website.

<http://www.med.umich.edu/medschool/research/regulations/nihpublicaccess.htm>

HSL librarians took the effort on the road, creating a presentation explaining the complexities and nuances of the policy which was subsequently presented at numerous faculty department meetings, lab meetings and sessions for grant administrators and staff. In addition to in-person sessions, many presentations were also broadcast via teleconferencing software to off-site users. Librarians were also invited to present at several scientific research conferences, including the UM Gastrointestinal Peptide Research Center

Retreat in January 2008 and the Michigan Diabetes Research and Training Center in April 2009. The presentation is available in Slideshare for researchers to view at their convenience. The presentation is updated whenever new information regarding the policy is released by NIH.

<http://www.slideshare.net/umhealthscienceslibraries/nih-public-access-policy-1598338>

Librarians have developed expertise in dealing with issues that arise during the manuscript submission or grant application processes, and they assist researchers with complicated questions, communication with publishers, troubleshooting of deposit problems, and obtaining PubMed Central submission identification numbers (PMCID) for inclusion of relevant citations in NIH biosketches.

Librarians are also contacted when researchers are unable to locate their copy of the final, peer-reviewed manuscript. HSL librarians are able to expedite communications with the publishers and, in many cases, have convinced publishers to permit deposit of the final, published version. HSL librarians identified an innovative way to play a hands-on role in the deposit process. Under the guidance of the coordinator of UM's institutional repository, librarians established a third-party manuscript submission system for UM researchers. The coordinator created a publisher account with the National Institutes of Health Manuscript Submission System (NIHMS), which authorized UM librarians to deposit on behalf of multiple researchers, rather than having to access each author's individual account. The service is staffed by a team of five librarians, and has been praised by both researchers and administrators

for the ease of use and quick turn-around time. The service has been available to UM researchers since August 2008, with a peak use of 40 deposits in a single month. UM is one of only a handful of research institutions that deposits manuscripts on behalf of its researchers, and the HSL has taken a leadership role in this endeavor.

The HSL's proactive and unique approach to providing comprehensive support for researchers at all stages of policy compliance can benefit health sciences

librarians at other institutions. To share our innovative approaches with colleagues, HSL librarians have authored posters and presentations pertaining to the policy for professional conferences. Their presentations provide a model for libraries interested in developing similar services, and were given at several recent conferences, including the Joint Meeting with the Midwest Chapter of the Medical Library Association (MLA) and the Michigan Health Science Librarians Association in October 2008, the Michigan Academy of Science Arts and Letters 113th Annual Conference in March 2009, and MLA's Annual Meeting in May 2009.

Library Services and the National Institutes of Health Public Access Policy: An Investigation of Association of Academic Health Sciences Libraries (AAHSL) Libraries

Objective

The NIH Public Access Policy requires that peer-reviewed journal manuscripts reporting results of NIH-funded research be made available on PubMed Central, a free digital archive of biomedical and life sciences journal literature created and maintained by the National Library of Medicine. The Policy was released on 11 January 2008, and was made permanent on 19 March 2009 as part of the 2009 Consolidated Appropriations Act.

The Policy implements Division G, Title II, Section 218 of P.L. 110-161 (Consolidated Appropriations Act, 2008) which states:

SEC. 218. The Director of the National Institutes of Health shall require that all investigators funded by the NIH submit or have submitted for them to the National Library of Medicine's PubMed Central an electronic version of their final peer-reviewed manuscripts upon acceptance for publication, to be made publicly available no later than 12 months after the official date of publication: Provided, That the NIH shall implement the public access policy in a manner consistent with copyright law.

The NIH Public Access Policy is a landmark step towards making publicly-funded research publicly available. Given the varied roles of academic health sciences libraries in research support, it seems that the library would be a natural dissemination point for information and services for researchers relevant to the Public Access Policy. This project derived from a desire to learn about the different ways health sciences libraries have responded to the NIH Public Access Policy, and to explore future directions for health sciences libraries as partners in the context of both research and scholarly communications issues.

Background

The NIH Public Access Policy requires that peer-reviewed journal manuscripts reporting results of NIH-funded research be made available on PubMed Central, a free digital archive of biomedical and life sciences journal literature created and maintained by the National Library of Medicine. The Policy was released on 11 January 2008, and was made permanent on 19 March 2009 as part of the 2009 Consolidated Appropriations Act.

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Methods

Access Policy Compliance, including, but not limited to: copyright amendments, third-party submission service, library-led information sharing (virtual or in-person), and designated librarian for scholarly communications.

Study Population

A list of AAHSL member institutions was obtained from the AAHSL website and edited to exclude government and foreign institutions, including satellite campuses of US schools based in other countries, and two institutions without a web presence for a health sciences library. The final study population (n) was 129 institutions.

A structured scan of each library's website was conducted, according to the following protocol:

1. Examine health science library website for information relating to the NIH Public Access Policy
 2. Search health science library website for information relating to the NIH Public Access Policy using the search term: "NIH Public Access Policy"
 3. If no information was found, or if incomplete categories remain:
 - a. Search main library website for information relating to the NIH Public Access Policy using the search term: "NIH Public Access Policy"
 - b. Search institution's website for information relating to the NIH Public Access Policy, using the search term: "NIH Public Access Policy"
- II. Institutional information collected includes:
- AAHSL member institution
 - Health sciences library (name)
 - URL for health sciences library website
 - URL for health sciences library webpage related to NIH Public Access Policy
 - Assessment of activities related to the NIH Public Access Policy:
 1. Is the health sciences library an information point for the NIH Public Access Policy, providing services or resources for its institution's authors and researchers?
 2. If yes: Does the website indicate that the library is providing:
 - Virtual information about the NIH Public Access Policy (eg online tutorials, library resource guides, powerpoint presentations, or flow chart);
 - In-person information about the NIH Public Access Policy (eg classes, workshops, brownbag sessions, consultation services);
 - Institution-created copyright amendments and letters to publishers;
 - Third-party submission service for member institution researchers; and
 - Librarian dedicated to scholarly communications issues.

Virtual information about the NIH Public Access Policy (eg online tutorials, library resource guides, powerpoint presentations, or flow chart);

In-person information about the NIH Public Access Policy (eg classes, workshops, brownbag sessions, consultation services);

Institution-created copyright amendments and letters to publishers;

Third-party submission service for member institution researchers; and

Librarian dedicated to scholarly communications issues.

Results

The initial focus of the scan was to determine which health sciences libraries were serving as information points for the NIH Public Access Policy. For the purposes of this study, "information point" was defined as an obvious library role, visible from the health sciences website, in providing information or services pertaining to the Policy and its implementation.

Of the 129 health sciences libraries included in the study, 66% (85) were identified as information points for the NIH Public Access Policy. 34% (44) of the population's health sciences libraries were not designated as information points for the NIH Public Access Policy (Figure 1). Quantitative and descriptive data related to the information or services provided in support of the NIH Public Access Policy was 2 had another library and another campus entity as information points

3 had another campus library as an information point

8 had another campus entity as an information point gathered for the 85 health sciences libraries which were identified as information points (Figure 2).

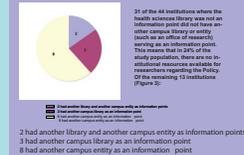
— 95% (81) of the health sciences libraries provided a virtual information point, or designated webpage with information related to the Policy. Quantity and authorship of information varied – some by NHMS resources and some by librarians.

— 49% (42) of the health sciences libraries provided an institution-specific copyright amendment, author's addendum or letter to the publisher; Links to NIH-suggested language, and links to the Science Commons Scholar's Copyright Addendum Engine or addendum provided by the Scholarly Publishing & Academic Resources Coalition (SPAARC) were not included.

— 34% (29) of the health sciences libraries provided in-person services, including classes, workshops and consultations.

— 18% (15) of the health sciences libraries had a specific librarian, office or workgroup designated for scholarly communications. Included in this data are librarians whose titles relate to scholarly communications or copyright. Librarians listed as contacts for questions related to the Policy and compliance are not included.

Figure 3: AAHSL Member Non-Information Points



Limitations

Data were collected via a structured scan of library and member institution websites over a 2-week period in late March and early April 2009. Some services may not have been identified, depending on the web archiving policies of libraries or institutions.

The precision and recall of search engines varies widely. In order to maintain consistency in data collection, searches were conducted strictly according to the above protocol, and not optimized for any particular search engine.

Conclusions

Health sciences libraries are natural contact points for information related to scholarly communications issues, including the NIH Public Access Policy. At the AAHSL member institutions included in this study, 66% (85) of the health sciences libraries were providing information or services related to the Policy. 79% (n=31) of the 43 institutions where the campus health science library was not providing information or services had no other entity providing information regarding the NIH Policy Access Policy.

The Policy-related services provided by health sciences libraries varied widely, from basic websites with links to NIH information to third-party submission systems. This study provided a cursory overview of the types of services. Future work will evaluate the impact of these services, and examine roles for health sciences librarians resulting from increased involvement in scholarly communications issues.

Figure 1: AAHSL Members (n=129)

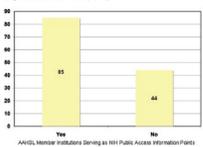


Figure 2: Health Science Librarian Activity Related to NIH Public Access Policy (n=85)

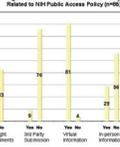
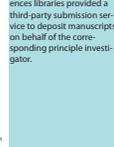


Figure 3: AAHSL Member Non-Information Points



U-M MEDICAL SCHOOL U-M HEALTH SYSTEM U-M GATEWAY

M
University of Michigan
Medical School

Office of Research

UMMS Home | About UMMS | Education | Research | Patient Care | Community Service

Text Size [A] A A

Compliance with the NIH Public Access Policy

On April 7, 2008 the National Institutes of Health (NIH) implemented the **Public Access Policy** requiring all researchers funded by an NIH grant to deposit copies of final peer-reviewed manuscripts, including all modifications from the publishing and peer-review process, into PubMed Central, the National Library of Medicine's archive, within 12 months of publication. This policy applies to any journal articles resulting from research supported in whole or in part by direct funds from NIH. The policy "ensures that the public has access to the published results of NIH funded research." It is the responsibility of the researcher and the researcher's institution to comply with the policy.

Compliance with the policy is a three-step process:

1. **Address Copyright.** Researchers should ensure that agreements with publishers allow for NIH funded manuscripts be deposited into PubMed Central in accord with the policy. The University of Michigan Medical School has supplied this letter to accompany the publisher copyright agreement.
2. **Submit** the manuscript to NIH.
3. **Cite** PubMed Central reference number, also referred to as the PMCID, assigned to the deposited manuscript, in all communications with NIH (competing and non-competing grant proposals, grant progress reports and NIH biosketches included in them).

The **full policy** is available at <http://publicaccess.nih.gov/>.

What's New?

NIH issues notice cautioning against using a NIH Manuscript Submission reference number (NIHMSID) for more than a few months before transitioning to a PubMed Central reference number (PMCID):

NIH Notice NOT-OD-09-136 - "NIH Public Access Policy Clarification"

<http://www.med.umich.edu/medschool/research/regulations/nihpublicaccess.htm>

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Nih Public Access Policy

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Health Sciences Libraries, 2 months ago
Embed 216 views, 1 favs, 0 embeds [more stats](#)

U.S. Department of Health & Human Services
National Institutes of Health Public Access
The Public Access Policy requires that the public has access to the published results of NIH funded research to help advance science and improve human health.

**NATIONAL INSTITUTES OF HEALTH (NIH)
PUBLIC ACCESS POLICY**

**What is the policy
Whom does it affect
How to comply**

Merle Rosenzweig
Health Sciences Libraries
University of Michigan
oriley@umich.edu

share 1 / 36 full

<http://www.slideshare.net/umhealthscienceslibraries/nih-public-access-policy-1598338>

Planet Blue

The Health Sciences Libraries were also active participants this year in the Planet Blue initiative, part of a three-year, campus-wide effort to reduce utility costs by 10% through a combination of methods, including introducing energy-saving technologies, implementing building upgrades, and fostering behavioral changes by actively engaging building occupants in the program. A six-member planning group participated as project leaders for the building and coordinated with representatives of the campus-wide program to tailor energy-saving recommendations for the library. The initial “open house” education and outreach event drew over eighty-five attendees who had an opportunity to

The Planet Blue program has helped facilitate a more energy-efficient library environment, increased awareness of both staff and users about how they can make a positive impact by significantly reducing utility costs and usage, and fostered both individual and team efforts in energy conservation.

More information about the Planet Blue program is available at <http://planetblue.umich.edu/>.

- Occupancy sensors installed in stacks, public bathrooms, and staff areas
- Fan schedule fine-tuned to correlate with building occupancy hours
- Motion-sensor power strips installed in staff offices
- Exterior lighting changed to activate by timer
- Duct, hot water, and heat exchanger insulation installed
- Steam chiller replaced with electrical chiller
- Improved non-bleed thermostats installed
- Dual flush toilets and low-flow aerators installed
- Space heaters removed
- Recycling collection improved
- Online link to Building Automation Services via Remote Notification and Apogee Go established to fine-tune heat, ventilation, and air-conditioning needs

learn about energy saving tips and techniques, recycling, and other options for improving environmental stewardship. Participants were given tours of the building to gain a better understanding of how the mechanical systems work as well as being provided opportunities to learn more about “best practices” in energy conservation and to sign up to be “citizens” of Planet Blue.

Working with the Planet Blue representatives, a detailed and technical evaluation of the library building was conducted, and eleven areas for increased energy conservation were identified.



Leadership and Engagement In the Health Sciences Libraries Profession

International Congress on Medical Libraries

Health Sciences Libraries Director Jane Blumenthal traveled to Brisbane, capital city of the state of Queensland, Australia in August to give three presentations, which highlight the library's partnerships in social media and translational research, at the International Congress on Medical Libraries (ICML 09).

“The ICML was a tremendous opportunity to meet with medical library colleagues from around the world. It was exciting to share our projects with groups from other countries as well as to learn about their interests and efforts. There was a lot of positive feedback from the audience on all of the presentations, and significant interest expressed and questions asked both formally and informally throughout the conference. It's very rewarding to be able to share our results with others and to see that what we've learned has application outside of UM.”

Jane Blumenthal, Director, Health Sciences Libraries, and presenter, ICML 2009



Conference Abstracts

“An Online and Social Media Training Curricula to Facilitate Bench-to-Bedside Information Transfer”

Anderson, P.F.; Blumenthal, Jane; Bruell, Daniel; Rosenzweig, Merle; Conte, Marisa; and Song, Jean (2009). An online and social media training curricula to facilitate bench-to-bedside information transfer. In: Positioning the Profession: the Tenth International Congress on Medical Librarianship, Brisbane Australia, (1-11). August 31-September 4, 2009.

OBJECTIVES: Translational research focuses on the bench-to-bedside information transfer process — getting the information from researchers into the hands of clinical decision makers. At the same time, researchers who manage international research collaborations could benefit from increased knowledge and awareness of online collaboration tools to support these projects. Our goal was to support both needs through building awareness and skills with online and social media. **METHODS:** The Library developed a curricula targeted specifically to academic researchers focusing on collaboration technologies and online tools to support the research process. The curricula will provide instruction at three levels: gateway, bridge, and mastery tools. The goal of Level One is to persuade researchers of the utility of online social tools. To develop the program, input was solicited from researchers identified as leaders in this area as well as focus groups of students to discover which tools are already being used. **RESULTS:** Training is being provided on those tools identified as most likely to engage researchers (Google Docs, Skype, online scheduling, Adobe Connect, citation sharing tools). The curricula is being delivered as workshops, duplicated as podcasts, and in other online media. **CONCLUSIONS:** Online and social media are practical tools for supporting distance collaborations relatively inexpensively while offering the added benefit of placing selected information in online spaces that facilitate discovery and discussion with clinical care providers, thus supporting the fundamental research processes at the same time as promoting bench-to-bedside information transfer.

“Virtual Worlds Demand Innovative Roles and Skills from Medical Librarians”

Anderson, Patricia F.; Blumenthal, Jane; Perryman, Carol; Mayman, Gillian; and Perorazio, Anne (2009). Virtual Worlds Demand Innovative Roles and Skills from Medical Librarians. In: Positioning the Profession: the Tenth International Congress on Medical Librarianship, Brisbane, Australia, (1-10). August 31-September 4, 2009.

OBJECTIVES: As our institutions engage in new online learning and community spaces, the roles of the medical librarian have shifted to encompass these new environments. In Second Life (SL) and other virtual worlds, while the fundamental goals of service, support, collection development, reference, and outreach remain the same, the scope of audience and delivery of health information in support of these goals takes on a vastly different form. **METHODS:** An academic medical library collaborated with local health sciences schools and programs on developing a SL space. The librarians initiated training sessions on SL skills; organized a seminar series; developed resources and exhibits that bridged the virtual world and online environments; collaborated with local, national and international partners; and broadly served as community managers for the Second Life community and space. **RESULTS:** Outcomes of the librarians’ activities as community managers included professional presentations in SL, creation of tools to index health information in SL, engagement with patient support communities, and formation of an international SL health education community. **CONCLUSIONS:** Second Life offers exceptional opportunities for health and medical librarians through flexible and innovative new roles.

“Public Health 2.0: Collaborative partnerships for integrating social technologies into the practice community”

Blumenthal, Jane; Mayman, Gillian; and Allee, Nancy (2009). Public health 2.0: collaborative partnerships for integrating social technologies into the practice community. In: Positioning the Profession: the Tenth International Congress on Medical Librarianship, Brisbane, Australia, (1-11). August 31-September 4, 2009.

OBJECTIVES: This project describes a collaborative effort between a health sciences library and two public health departments: 1) to develop best practices for integrating Web 2.0 technologies into the work of the organizations and 2) to improve the communication and information sharing within the department and between partner organizations and the populations they serve. **METHODS:** Case study. Web 2.0 technologies offer many features to support the work of public health in collaborative partnerships, communication programs, and community engagement and health improvement. This project included four major components: assessment; training; collaboration and integration; and communication. A needs assessment was conducted to identify the ways in which Web 2.0 technologies could increase the efficiency and effectiveness of each department’s communication and information sharing. A series of workshops were provided to train staff in skills and strategic uses of Web 2.0 technologies. A wiki-based web site was created for sharing information about specific social technologies and their multiple uses for public health departments. Onsite collaboration with administrators, staff, committees, and the departments as a whole led to the integration of selected technologies into their work. **RESULTS:** Evaluation methods to determine the success of the project are shared, focusing on pre- and post-training surveys, usability testing of social technology applications, task-specific assessments, focus groups, peer evaluations, and usage statistics. **CONCLUSIONS:** Insights gained from the experience will be beneficial to colleagues working with the practice community and other constituencies in the integration of social technologies into organizations to support community engagement and health improvement initiatives.



Web 2.0 for Public Health: Partnering with the Practice Community

Nancy Allee, AHIP, Gillian Mayman, Whitney Townsend, Alison Grodzinski, and Jane Blumenthal, AHIP
Health Sciences Libraries, University of Michigan, Ann Arbor, MI
Medical Library Association Annual Conference, Honolulu, Hawaii May 2009

Abstract
This project showcases the “Creating a Roadmap: Local Public Health 2.0” partnership and the results of an onsite survey from a workshop conducted for the public health practice community at the Public Health Information Network conference.

Goals of both the overall partnership with the practice community and the workshop are designed to engage participants in
1) becoming familiar with a variety of web 2.0 technologies and their potential uses and applications in public health
2) learning about strategies for implementing web 2.0 technologies within organizations, and
3) discussing how to effectively use 2.0 technologies to promote public health practice.

Creating a Road Map: Local Public Health 2.0
Collaborative project between the University of Michigan Health Sciences Libraries, the Genesee County and Monroe County Health Departments, and the Prevention Research Center of Michigan to develop best practices for integrating web 2.0 technologies into the work of local public health departments and to improve the communication and information sharing within the department, between partner organizations, and to the populations that they serve.

Project Goals

- **Assessment**
— Conduct a needs assessment to identify the ways in which web 2.0 technologies may increase the efficiency and effectiveness of each departments’ communication and information sharing.
- **Training**
— Provide a series of workshops to train staff in skills and strategic uses of web 2.0 technologies.
- **Collaboration and Integration**
— Collaborate with individuals, committees, and the departments as a whole to integrate specific, selected technologies into their work.
— Create a wiki-based web site including information about specific, selected technologies and their multiple uses for public health departments.
- **Communication**
— Engage the public health community in incorporating web 2.0 and social technologies into their communication and information sharing methods.

2.0 technologies

Blogs	Microblogs	Wikis
Collaborative writing	Social networking	Digital images
Professional networking	Video platforms	Virtual worlds

Sample Workshop Pretest Questions

- 1) Explain the difference between Web 1.0 and 2.0.
- 2) List 5 Web 2.0 sites for sharing content on Web 2.0 technologies.
- 3) Read a type of Web 2.0 technology. How is it used?
- 4) Identify 3 public health organizations that have a social media and communication plan for patient education and communication and public health promotion.

Workshop results: public health 2.0 training needs

Overview of public health 2.0	Public health 2.0 basics (communication)	Strategies for using public health 2.0 technologies	Public health 2.0 case studies (genetics, analytics)	Public health 2.0 case studies (healthcare, education)	Public health 2.0 case studies (community, government, research & development)
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Public Health 2.0 Partnerships



Synergistic alliances with constituencies



Next steps

- Continue working with our partners on the public health 2.0 project.
- Continue integration of 2.0 technologies into public health organizations.
- Continue promoting public health 2.0 resources, technologies, and collaborative opportunities.
- Teach CE classes at APHA & MLA
- Collaborate with PH Partners on public health 2.0 training

This project has been funded in whole or in part with federal funds from the National Library of Medicine, National Institutes of Health, Department of Health and Human Services, under contract no. N01-LM-6-3503 with the University of Illinois at Chicago.

MLA Papers and Posters

A Health Literacy Awareness Training Program	Patricia W. Martin Chris Roberts (Executive Director, Washtenaw Literacy)
From Zero to Ninety: Launching a Brand New Health Sciences Library Outreach Program	Anna Schnitzer Nancy Allee Jane Blumenthal
Fusing Relationships with Academic Health System Administrators	Whitney Townsend Marisa Conte
Health Information Connections for Persons with Disabilities	Deborah Lauseng Anna Schnitzer Marisa Conte Patricia W. Martin
iLiaison : Outreach and Access Using iGoogle	Whitney Townsend
Integrating a Course on Applying Social Media Technologies to Health Communications into a Curriculum	Gillian Mayman
Planet Blue: Implementing an Energy Conservation Program in a Health Sciences Library	Whitney Field Nancy Allee Jane Blumenthal Anuja Mudali (Communications Specialist) Kris Kolevar (Plant Operations)
Planning, Implementing, and Supporting a Third-party Manuscript Submission System	Marisa Conte Jean Song
Social Technologies for Health Communications	Gillian Mayman Whitney Townsend Alison Grodzinski Nancy Allee
The Bioinformationista: New Trends for the Bioinformationist	Jean Song
The Role of Health Sciences Libraries in an Interdisciplinary Health Informatics Research Organization	Marisa Conte Jane Blumenthal

MLA Papers and Posters continued

Transitioning to a “Distant” Library	Mark MacEachern Carol Shannon Patricia Anderson
Validation of a MEDLINE Search Instrument: Assessing Practice Based Learning Improvement in Residency Programs	Gurpreet K. Rana Doreen R. Bradley Standley Hamstra (Associate Professor of Medical Education) Robert E. Schumacher (Medical School, University of Michigan) John G. Frohna (University of Wisconsin) Hilary M. Haftel (Clinical Associate Professor) Monica L. Lypson (Medical School, University of Michigan)
Web 2.0 Public Health: Partnering with the Practice Community	Nancy Allee Gillian Mayman Jane Blumental
Why Our Liaison Blogs Failed and What We Did To Save Them	Gillian Mayman Whitney Townsend Jean Song Mark MacEachern



<http://www.mlanet.org/am/am2009/index.html>

New Clinical and Research Resources for the Collection

As part of our efforts to improve access to clinical and research information, the library has acquired a series of new databases designed to provide up-to-date, point-of-care health information for researchers, health care professionals, and students.

DynaMed is a clinical reference tool created by physicians for physicians and other health care professionals for use primarily at the point-of-care. It contains clinically organized summaries for more than 3,000 topics using evidence-based medicine. Off-campus, remote access is also available.



<http://searchtools.lib.umich.edu/V?func=native-link&resource=UMI06355>



Pediatric Care Online is another point-of-care resource which integrates multiple pediatric resources including the new AAP Textbook of Pediatric Care, Bright Futures (comprehensive health supervision guidelines), AAP Red Book information on over 200 childhood infectious diseases, a Signs & Symptoms search, and hundreds of patient handouts with easy to read explanations for many conditions and procedures.

<http://searchtools.lib.umich.edu/V?func=nativelink&resource=UMI06353>

Dentistry & Oral Science Sources covers all facets relating to dentistry, including dental public health, endodontics, facial pain and surgery, odontology, oral & maxillofacial pathology/surgery/radiology, orthodontics, pediatric dentistry, periodontology, and prosthodontics. This database includes full-text journal articles.



<http://searchtools.lib.umich.edu/V?func=nativelink&resource=UMI0637>



EMBASE is a biomedical and pharmacological bibliographic database, which provides access to citations and abstracts from biomedical and drug literature via EMBASE and Medline. It contains over 19 million indexed records from 7,000+ peer-reviewed journals, covering 1947 to date, with more than 600,000 additions annually.

<http://searchtools.lib.umich.edu/V?func=native-link&resource=UMI02345>

The ProQuest Nursing & Allied Health Source database provides full-text journal articles, evidence based resources, and dissertations to support the study of many aspects of nursing and the allied health professions, including physical therapy, radiography, dietetics, dental hygiene, and the clinical laboratory sciences.



<http://searchtools.lib.umich.edu/V?func=native-link&resource=UMI06141>



Scopus is an abstract and citation database that provides access to nearly 18,000 peer-reviewed journals, 435 million scientific web pages, 23 million patent records, and "Articles-in-Press" from over 3,000 journals.

<http://searchtools.lib.umich.edu/V?func=native-link&resource=UMI02035>

JAMAEvidence integrates available evidence with clinical experience. It includes Users' Guides to the Medical Literature: A Manual for Evidence-Based Clinical Practice (2nd edition) and The Rational Clinical Examination: Evidence-Based Clinical Diagnosis. This resource is jointly offered with financial support from the University of Michigan's Office of Graduate Medical Education.



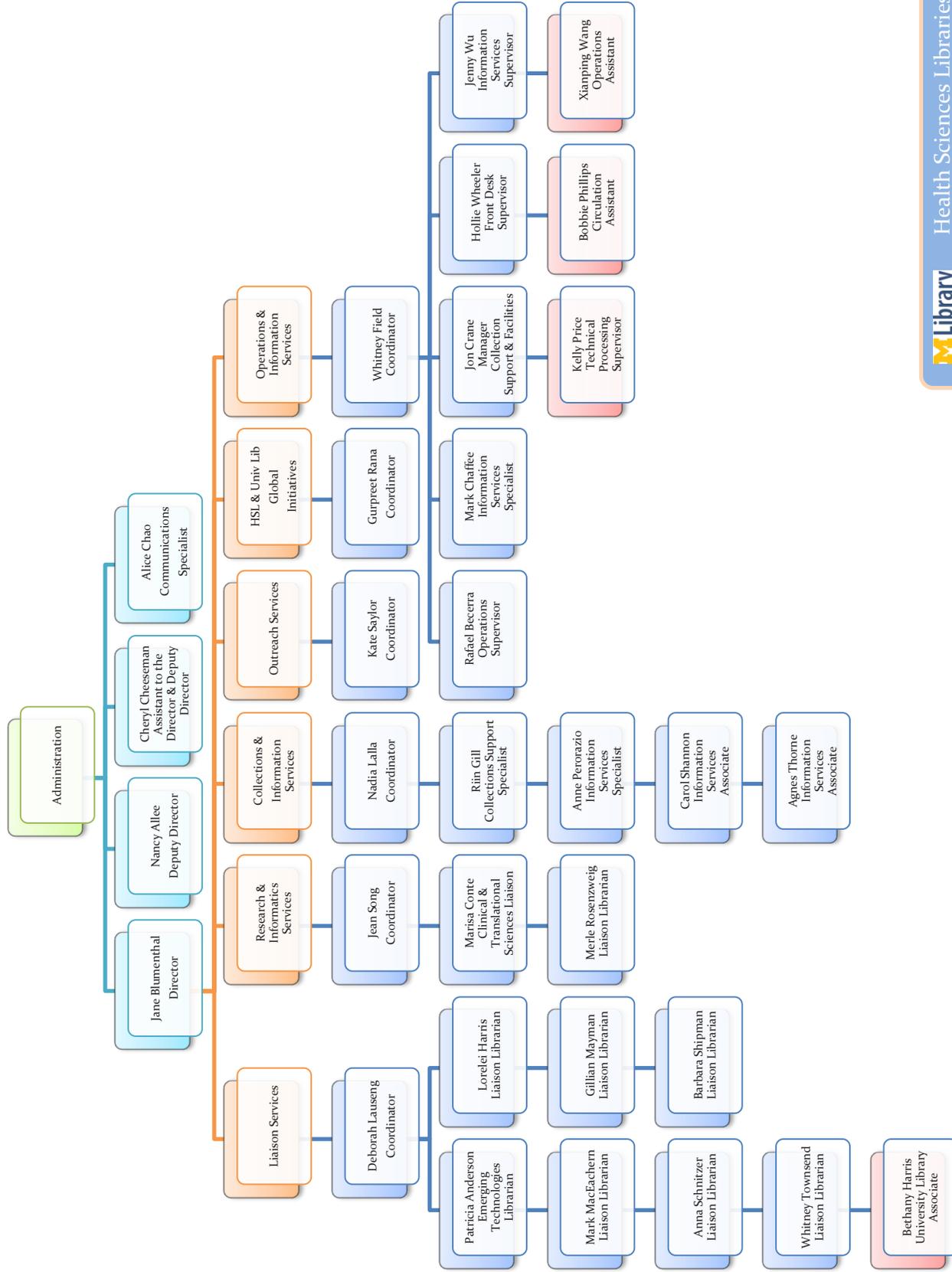
<http://searchtools.lib.umich.edu/V?func=native-link&resource=UMI05794>



R2 Digital Library offers full-text access to over 120 premier health science e-books in medicine, nursing, and dentistry.

<http://searchtools.lib.umich.edu/V?func=native-link&resource=UMI06354>

Health Sciences Libraries Organizational Chart



January 2010

HEALTH SCIENCES LIBRARIES

For more information about the Health Sciences Libraries, visit our website:
<http://www.lib.umich.edu/hsl/>.

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Health Sciences Libraries Home > Libraries > Health Sciences Libraries

IMPORTANT NEWS ABOUT THE PUBLIC HEALTH LIBRARY

What's New at HSL

Influenza Health Emergency Information Guide

New Guide - A Whirlwind Tour of New Clinical Resources

Introduction to the New PubMed Design (video)

Mobile Device Resources for the Health Sciences (beta)

Resources for Alumni

Community Outreach

About the Libraries

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Quick Links

Access Medicine

CINAHL

Cochrane/EBM Reviews

DynaMed

Embase

Google Scholar @ UM

ISI Web of Knowledge

MD Consult

Medline (Ovid)

PubMed @ UM

Refworks

Scopus

StatRef

UMHS

UMHS Clinical Home Page

UpToDate (Campus Only)

Health Sciences Libraries

Medicine

Public Health

Dentistry

Pharmacy

Nursing

Health Sciences Libraries

Taubman Medical Library
University of Michigan
1135 E. Catherine St., 5726
Ann Arbor, MI 48109-2038

734 764 1210 (p)
734 763 1473 (f)
hslibraries@umich.edu

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[Upcoming Workshops](#)

About the Libraries

[Location \(Map with parking locations\)](#)

[HSL Events and Workshops Calendar](#)

[Staff Directory](#)

[Campus Bus Routes](#)

[Directions between Hospital and Taubman Medical Library \(pdf - 33k\)](#)

[Collections](#)

[Taubman Library Floor Guide](#)

[Library Accomplishments \(pdf - 2.24 MB\)](#)

Hours this week:

Sunday: 11:00am - 11:45pm

Monday: 8:00am - 11:45pm

Tuesday: 8:00am - 11:45pm

Wednesday: 8:00am - 11:45pm

Thursday: 8:00am - 11:45pm

Friday: 8:00am - 7:45pm

Saturday: 10:00am - 7:45pm

Hours this Month

Library Resources

[UM-MEDSEARCH \(Ovid\)](#)

[PubMed @ UM](#)

[Search Tools](#)

[Journals](#)

[E-Journals list](#)

[Books](#)

[E-Books list](#)

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[HSL Beta Projects](#)

[HSL Mobile Devices Resource List \(beta\)](#)

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SITE FEEDBACK

We welcome your feedback on our web site.

[Known Problems \(updated 10/9/2009\)](#)

[Coming Soon \(updated 10/12/2009\)](#)

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