Digitization Update

Special collections has been busy digitizing numerous projects.

- The Omaha Medical College photographs and University of Nebraska College of Medicine Pulse are currently being assembled electronically and will be placed into Digital Commons when completed.

- More of the Wolf Wolfensberger, Ph.D., collection has been uploaded to Digital Commons. A 1978 presentation about advocacy is now available for viewing and 4,000 of his overhead acetates have been digitized.

- The College of Pharmacy yearbooks contained in the archives have been digitized and placed in Digital Commons and we are actively seeking the yearbooks we do not own.

- Photographs from the construction of Clarkson hospital are being digitized.

- Online exhibits are currently being put together to match the physical exhibits that are on display.

- Our collection of MD theses continues to be digitized.
DigitalCommons@UNMC saw a surge in usage this quarter, with over 23,000 items downloaded.

This dramatic increase involved the downloading of much of the repository’s historical collections. The most downloads came from India, the United Kingdom, Canada, Ethiopia, and Russia. This quarter, 519 items were added and consisted of UNMC graduate theses and dissertations, e-learning modules, College of Pharmacy yearbooks, technical reports from the College of Public Health, journal articles across disciplines, and historical documents and photographs.

TOP DOWNLOADS

130 Years of Leadership: Images of the Deans of the College of Medicine 1881-2010

University of Nebraska College of Medicine Class photographs

Omaha Medical College photographs
In order to help offset significant future cancellations, the library is developing long-term strategies that aim to meet the expanding educational curricula and research programs on campus, investigating new ways to acquire and deliver content, and exploring potential new revenue sources. In addition, we are assessing our collections and will be following up with students and faculty on their specific needs.

Collections Update

For Fiscal Year 2016, the library had to cut about 19% from the collections budget. Each year the library faces inflationary costs of electronic resources, plus a steadily rising cost of print books. In years past, we made some cuts to our collections and relied on endowments to help offset inflation. However, relying on endowments for supporting core collections is not sustainable. Additionally, a budget reduction of 1.9% for Fiscal Year 2016 made cancellations to the collections unavoidable.

We did a thorough analysis of our collections expenditures to identify resources for cancellation. Our analysis included usage stats and content overlap. The resources we cancelled covered books, journals, and databases. We asked for and received a lot of feedback from faculty and students. This important feedback was taken into consideration when we made the final cancellation decisions.

Two e-book resources cancelled were ClinicalKey and Stat!Ref. Of the combined 1,140 titles in these resources, the library has about 26% of the same titles (same edition) in print. A small pool of funds was set aside to purchase print copies for about 80 of the highly used and requested titles. Unfortunately, we were not able to purchase these titles in e-book format due to cost, which ranged from four-and-a-half to eight times the print cost.

We cancelled 678 journal titles. Most of these titles were part of Health Business Elite and ClinicalKey. A few highly used journals from ClinicalKey were converted to individual subscriptions.

OTHER RESOURCES CANCELLED:

• The Official ABMS Directory of Board Certified Medical Specialists

• OMMBID: Online Metabolic and Molecular Bases of Inherited Disease
  this is available in the library’s print collection

• Social Services Abstracts
  literature database focused on social work, human services and related areas

• Sociological Abstracts
  literature database covering social and behavioral sciences
Updates on 3D Space

Our two 3D printers were very busy during the first half of the fiscal year with 69 users (53 UNMC students, 11 UNMC staff and 5 UNMC faculty) submitting 127 objects for printing. Skulls, cell molecules, and hearts seem to be the most popular objects submitted for printing.

Just after school resumed in August, the recently formed UNMC Makers Club began meeting at the Library on Tuesday evenings. The club was formed by a group of Graduate Students in order to inspire student creativity, encourage interdisciplinary collaboration, and equip students to create novel solutions to complex problems pertaining to medical practice and research through the application of 3D printing technologies. Emily McElroy, Library Director, temporarily serves as the faculty sponsor for the club. One of our evening staff, Mary Winter, is assisting with the Makers and the Makerspace.

One of the more interesting developments to come out of the club so far is using the 3D printers to replicate replacement parts for research lab equipment. One of the members recently submitted a replacement center section for a minigel casting system used in one of the research labs. The replacement object submitted for printing is a support for a glass plate that goes into a clamping system. The replacement part was designed in Autodesk Inventor and the file was exported as a printable file for our 3D printers. The resulting white replacement part fits and slides in and out perfectly for the gel casting system. It will be interesting to watch the 3D object development from this group.

In mid-October, during Innovation and Research Week on campus, the Makers hosted an open house of the Makerspace. As part of the open house, they had printed all the parts for a prosthetic hand as a proof-of-concept example of what kinds of items can be printed using 3D technology. While the hand was not printed to the scale of an adult human hand, it did have working joints and fingers. In February, the Makerspace moved to a new space in the library. This will give not only the UNMC Makers more room for working with the 3D printers but also room for development and experimentation. The Makers are building a new PC to for 3D scanning and design. They are also considering building a 3D printer that would be capable of printing larger items.
One of the goals of the Education and Research Services group was to produce a document that would be helpful across curricula of the UNMC colleges to capture the information literacy needs for health professionals. The Health Professional Information Literacy Competencies document was created after a comprehensive review of competencies for several different kinds of health professionals. The document can be used by library liaisons and faculty of the different colleges as a starting point discussing library instructional needs for the department and learning objectives for health professional students.

A strategic goal for 2015-2016 is to develop more tutorials. At mid-year, those tutorials have been identified as Evidence-Based Medicine I, Evidence-Based Medicine II, and APA Citations. The Guide on the Side software, which has been used for several other tutorials, will be used as the platform for these three tutorials. This allows for scripting of instruction, quizzing, viewing of websites, and interaction with the websites while taking instructions. Development has begun and these tutorials should be available online in the near future.
The Case of Sarah Pilger

During the summer of 2015, the library began using an online-based tutorial to introduce pre-matriculation medical students to library resources and literature search techniques. The tutorial is based on the hypothetical case of Sarah Pilger – an obese, 24-week pregnant, 16-year-old – whose first ultrasound and confirmatory lab tests suggest the presence of fetal toxoplasmosis. The tutorial follows Sarah through the birth of her baby while introducing the library resources and search techniques needed to address case-related learning issues. The tutorial also introduces the roles of the many interdisciplinary partners essential to the care of Sarah and her baby. The lead author of the tutorial asked the Interprofessional Education Curriculum Committee for information about the way the various professionals interact so that the portrayal would be realistic. Feedback from M1s who have finished the tutorial has been overwhelmingly positive.

Additionally, as one staff member will be attending Apple Academy in Cupertino, CA, this spring as part of a UNMC initiative to integrate Apple technologies into e-learning efforts at the university two products will be used to create different tutorials. iMovie will be used for a brief introduction to the library, and iBook Author will be used to provide instruction on evidence-based medicine.

“Really comprehensive. I’ve always been more of a solid book person and the electronic resources at my undergraduate college were intimidating because I never was taught to use them. This was a good start.”

“I really appreciated this tutorial! It was really informative, and I could clearly see the important use of each resource, all of which I’m really glad we have access to. The tutorial was very well-laid out, and my favorite part was being able to walk through a somewhat complex medical case, which also taught me a bunch of interesting things about a physician’s role and thought process – it’s definitely gotten me excited for medical school and PBL sessions!”

“This lesson was a very effective way to introduce many of the resources available at the library. I liked that it pointed out tips and tricks for getting the desired search results for sites like PubMed.”

The hypothetical case of Sarah Pilger and her baby offers great learning issues for students in many other UNMC programs. In December, versions of the tutorial were created for Medical Nutrition and Sonography students. The students will complete these tutorials in January. Later in the semester, students from the Medical Nutrition Education program and the Sonography program will meet and participate in small group activities focused on fetal and infant growth. Using the library resource skills gained from the tutorials, the Medical Nutrition Education students will demonstrate the use of growth charts and Z-scores in monitoring infant growth, both pre- and post-natally. They will also discuss possible nutrition interventions to improve fetal and infant growth. The Sonography students will demonstrate measurement techniques for fetal growth and discuss types of growth restriction, including symmetrical and asymmetrical growth restriction.
Deborah Divis began working at the McGoogan Library as a Library Technician II in August 2015. Deborah brings a great deal of experience to her job, having worked as a Reference and Instruction Librarian with Northeast Lakeview College in Universal City, TX, and a librarian at The Atonement Academy College Preparatory School in San Antonio, TX. Deborah graduated from San Jose State University with a Master’s in Library and Information Sciences, and she was inducted into the Beta Phi Mu Honor Society. Deborah also completed a Bachelor of Science in Information and Library Services from the University of Maine at Augusta.

Christian Minter is joining us in August, after finishing her second year as a fellow with the National Library of Medicine (NLM), is Christian Minter. Christian is the Education Coordinator/Regional Medical Library Liaison with the National Network of Libraries of Medicine’s MidContinental Region. As an NLM Associate Fellow, Christian worked at NLM and Johns Hopkins University. Prior to her role at NLM, Christian’s library experience was at Prince George’s County Memorial Library System and Washington Bible College. She also served as an intern at the National Resource Center on Attention-Deficit/Hyperactivity Disorder and University of Maryland’s Health Sciences and Human Services Library. Christian graduated with a Master’s Degree in Library and Information Science from Catholic University.

Mary Winter also joined the McGoogan Library as a Library Assistant II in August 2015. Mary has extensive library experience, including work at the Omaha Public Library as well as academic library experience with the University of Nebraska Omaha Criss Library and the Bellevue University Library. Mary graduated from UNO with a Bachelor of Science degree in Education with a Library Science concentration.
Oral history program in Special Collections

During her time as an emeritus professor in the mid-1970s, Bernice Hetzner, former library director (1948-1973), began collecting materials on the history of the UNMC campus as well as items concerning the history of the health professions in Omaha and across Nebraska. In conjunction with the College of Medicine’s centennial year (1980-1981), Hetzner conducted a number of oral history interviews with leading figures from the campus’ past. The transcripts of ten of these interviews have now been placed online in Digital Commons. The original audiocassette tapes of these interviews will be digitized and the audio files will be placed online.

Over the past five to ten years, Dr. Bob Wigton, professor of internal medicine and assistant dean for special projects in COM, has conducted a number of other oral history video interviews, which will also have transcripts placed online. Dr. Wigton also digitized video and had transcripts produced of several oral history interviews conducted by Dr. Frank Menolascino (1930-1992) in the 1980s. A project will begin in the spring of 2016 to interview another group of individuals who had significant roles in the recent history of UNMC.

Fall Friends of the Library Meeting

The Friends of the McGoogan Library met on November 12, 2015, with 25 people in attendance. A reception was held on the eighth floor, followed by the meeting and presentations in the rare book room. Library director Emily McElroy presented library updates and future plans, and Robert Wigton, M.D., assistant dean of special projects in the College of Medicine and president of the friends group, discussed the purpose and future of the Friends.

John Schleicher, head of special collections, presented some of the most interesting items in the library’s rare book and archival collections. Among these were several rare books, interesting medical artifacts, photos from the history of the UNMC campus, and early records books from medical organizations in Omaha in the 19th century.

The Friends of the Library group welcomes anyone who might like to become involved in supporting the library, not only from the medical center campus, but also from the healthcare community of Omaha, and the general public as well.
Science Café Celebrates “Gross-tober”

“Gross-tober: Images from the History of Medicine,” was presented by Erin Torell, archives associate, and John Schleicher, head of special collections, on October 13 as part of UNMC’s Science Cafe at the Slowdown in downtown Omaha. The presentation showcased gross, odd, and unusual medical images from the library’s History of Medicine collection. Attendees viewed images of dermatologic and venereal diseases on stereoscope cards and 3D reproductions of diseases and conditions created with wax on plaster, called moulages.

Torell and Schleicher presented images of amputations, obstetrics, and eye diseases from books and other resources used to educate doctors from the 1890s through the 1940s. Cameron Boettcher, archives assistant, helped select images and put the program together.

The Science Café series is held monthly, organized by UNMC’s Public Relations Department. Around 250 people attended the presentation.
I recently attended the Leadership Institute for Academic Libraries, which is a joint program between the Association of College & Research Libraries (ACRL) and Harvard University. It took place on Harvard’s campus at the Graduate School of Education. It was an intensive program, starting on a Sunday afternoon and going every day, 8-5:30 through Friday afternoon. There were 106 others there, from around the country and world. Several medical librarians, as well. One of the amazing parts of the program is having preeminent experts in the field of leadership and organizational change providing lectures and interactive sessions. The one that impressed me the most was Lee Bolman, who is known for his work on reframing. The frames were really the basis for the program. It’s about looking at something from more than one perspective.

- **Structural:** Complex machine. Lots of parts. Linkages need to work together. Leader is an analyst and architect. Strategy is do your homework, analyze, design plan, implement. Strong structure has difficulty with implementation due to involving other people. Focus is data, logic, plans, policies, roles.

- **Human resource:** Extended family. Relationships are important. Leader is servant, catalyst, facilitator. Strategy is to build relationships, listen, educate, empower. Focus on learning, skills, teamwork, communications.

- **Political:** Jungle. Divergent interests, may be in conflict. Power is key resource. It is being able to make things happen, an advocate and negotiator. Strategy is map terrain, create agendas, network, attract allies, defuse opposition, negotiate. Focus on building a power base, get access, influence key players.

- **Symbolic:** Theater, temple. Leader is a prophet, poet, artisan. Strategy is to use self as symbol, stage rituals and ceremony, tell stories, create drama, reframe and help others do the same. Focus is on meaning, belief, faith, passion.

One of the many activities we participated in were case study discussions. After having read the case before the session, the instructor led us in an analysis of the case, often using the frames. One instructor had us look at some cases using a stakeholder map. Another instructor had us look within ourselves to find a goal for improvement. We then turned it around and saw what we do to sabotage working on that goal.

Overall, it was an amazing experience, giving me new tools to help me look at people and situations and to look at myself. Everyone, including myself, felt forever changed by the experience.

- Heather Brown
### Lunch ‘n Learns

The monthly “Lunch ‘n Learn” sessions continued through November. July and October’s events were meeting reports which provided an opportunity for seven staff members to share highlights from attendance at professional conferences over the last several months. A total of 35 staff attended these sessions. September’s event was a presentation by Mary DeSive and Laura Bashus on “Outlook Mail and Calendar.” This was a very informative class with time for audience questions. A total of 21 staff attended. As a follow-up to the session, Mary provided a very useful tip sheet on the topic. October’s event was a flipped classroom-style session on “Speaking So People Remember Your Message” presented by Teri Hartman and Linda Love. This excellent workshop gave the 12 attendees the opportunity to practice speaking effectively in front of others.

### CAP & WorkOut Training

These two topics were presented by Jim Kieffer from Nebraska Medicine. The sessions were held on December 22 & 23 and 29 & 30. The session on Change Acceleration Process (CAP) gave participants a model and a set of tools they can apply to any change initiatives. WorkOut sessions provided participants with a model and additional tools to help create and focus organizational change initiatives. These sessions were attended by 29 staff.

### Supporting Clinical Care Continuing Education

In July 2015, Alissa Fial, Education & Research Services librarian, attended Supporting Clinical Care: An Institute in Evidence-Based Practice for Medical Librarians, at the University of Colorado Anschutz in Aurora, CO. The three-day course incorporated discussion, hands-on learning, and small groups to focus on evidence-based clinical practice. Ms. Fial found the experience to be highly enjoyable and a great opportunity to interact with other librarians from across the US and Canada, and received 20 MLA continuing education credits. In addition, she was able to meet the learning objectives to identify the issues and process of evidence-based clinical practice, recognize study design, and identify and explain criteria for judging validity of different types of studies. Ms. Fial is the liaison to the College of Nursing and feels that this experience will greatly help her to serve the students, faculty, and staff. She is developing an ease in discussing levels of evidence and how to assess research articles and studies. Further, Ms. Fial and colleagues are in the planning stages of developing a tutorial incorporating levels of evidence and library resources.
### Publications


**Tom Gensichen**: MCMLA Express Newsletter. “3D Printing Comes to the McGoogan Library” and “MCMLA 2015 Wrap-up.” 2015 Fall.


### Presentations

**Alison Bobal**: “Gathering the Needles: Evaluating the Impact of Gold Open Access Content with Traditional Subscription Journals” at Charleston Conference.

**Alissa Fial**: “Swimming with the MOOCs: Creating Active Learning Modules for Database Instruction” at Brick and Click Library Conference.

**Teri Hartman**: “Misconceptions and Barriers to Information” at Information Exchange Conference.

**Teri Hartman** and **Danielle Drummond**: “Evidence-Based Public Health Searching” for state and county public health officials as part of Evidence-Based Public Health: A Course in Chronic Disease Prevention.

**Marty Magee**: “Top Effective Practices in Health Sciences Librarianship” for Regional Medical Library YouTube site.

**Christian Minter**: “National Library of Medicine Resources” for Nebraska Department of Health and Human Services Health Promotion Unit.

**Christian Minter**: “Public Health and Public Libraries: Librarians as Health Literacy First Responders” for OCLC’s WebJunction webinar.

**Christian Minter**: “Health Literacy: Why It’s Important to Patient Care & What You Can Do to Help” for Nebraska Cancer Coalition webinar.
Presentations

- Laura Bashus, Emily McElroy: Designing Libraries IV at North Carolina State University.
- Alison Bobal, Heather Brown, and Emily McElroy: Charleston Conference.
- Emma Bradley, Karen Foster, and Euem Osmera: Learn to Be a MarcEdit Ninja: Automating Technical Services pre-conference.
- Heather Brown, Roxanne Cox, Mary DeSive, Deborah Divis, Tom Gensichen, Mary Helms, Marty Magee, Euem Osmera: MCMLA (MidContinental Chapter of Medical Library Association) annual meeting.
- Roxanne Cox, Deborah Divis, Danielle Drummond, Alissa Fial, Teri Hartman, Marty Magee, Christian Minter, Evelyn Reinthaler, Cindy Schmidt, and Mary Winter: Brick and Click Library Conference.
- Alissa Fial: Supporting Clinical Care: Institute in Evidence-Based Practice for Medical Librarians.
- Emily McElroy: Elsevier’s North American Library Advisory Board meeting.
- Euem Osmera: Nebraska Library Association’s annual conference.

Conferences or Meetings Attended

- John Schleicher: “Review of Favorite Medical School Professors: College of Medicine Class of 1965” for the UNMC Alumni Weekend. He also gave a trolley tour of Omaha for alumni.
- John Schleicher: “Big 10 Items from Special Collections” for the Friends of the Library annual meeting.
- Cindy Schmidt: “Library Services for Researchers” at Innovation Week.
- Erin Torell with John Schleicher: “Gross-tober” at Science Café.

Committee Appointments

- Alison Bobal: ProQuest’s Ebook Acquisition Model Advisory Board.
- Tom Gensichen: NN/LM MidContinental Regional Advisory Board.
- Mary Helms: Reappointed to the Medical Library Association Bylaws Committee.
- Euem Osmera: MCMLA Bylaws Committee.
Laura Bashus, Heather Brown, Roxanne Cox, Stuart Dayton, Tom Gensichen, Mary Helms, Emily McElroy, and John Schleicher: Emergenetics with Aileen Warren.

Laura Bashus, Alison Bobal, Heather Brown, Tom Gensichen, and John Schleicher: Manager’s Forum on performance evaluations and coaching.

Alison Bobal, Heather Brown, Roxanne Cox, Stuart Dayton, Alissa Fial, Tom Gensichen, Mary Helms, Emily McElroy, and John Schleicher: Crucial Conversations.

Alison Bobal, Tom Gensichen, and John Schleicher: Sessions from the year-long Management Series.

Cameron Boettcher, Emma Bradley, and Erin Torell: Fundamentals of Cataloging online course.

Emma Bradley: Excel through Skillsoft.

Sue Clark: Microsoft Word 2013 through Skillsoft.

Mary DeSive: PeopleAdmin; Pre-Audit Certification.

Deborah Divis: Bioprinting: 3D Printing Body Parts MOOC.

Alissa Fial: Dynamic One-Shot Instruction course offered by ALA.


Mary Helms: Widening the Lens: Examining the Way We View Student Admissions, an AAMC course.

Cindy Schmidt: Completed Journal Watch fall exam.

Susie Tyrrell: Power User Excel Advanced Formats, Formulas, and Functions and Microsoft Beginning and Advanced Excel through Skillsoft.

Accomplishing More with Social Media
Framework in Health Literacy
Health on the Range: Rural Health Issues and Resources
A Robot Wants Your Job
Data Visualization Skills and Tools for Librarians
Health Literacy: Why It's Important and What You Can Do to Help
Digital Shift
Blackboard Flipped Classroom
Building a Public Health Literate Organization
Virtual Presence: Communicate with Impact
Using Data to Make Decisions in the Library and Beyond
Great Tips and Tricks for Captivate 8 and the All-New Captivate 9
Presentations from SpringyCamp 2015 Conference
EMBASE
Mind the Gap: Find and Fix the Mismatches between Faculty and Academic Librarians
Evaluating eLearning: What you Measure is What You Get
Instructional Design for Medical Librarians
The Challenge of Numeracy: Why Simply Providing the Data is not Enough
Library staff exhibited:

**Christian Minter**: Greater Saint Paul Worship Center, Public Health Association of Nebraska, American Academy of Family Physicians, Nebraska Library Association, BiNational Health Fair, SHAPE Nebraska Conference, Association for Healthcare Emergency Preparedness Professionals Conference, and Nebraska Academy of Family Physicians.

**Teri Hartman and Christian Minter**: Omaha Women’s Health and Wellness Conference.

Supporting a Local Elementary School

From *Boom, Snot, Twitty to Where Are My Books?*, the students at Fontenelle Elementary School have a wide variety of new books to read, enjoy, and read again because of the fundraising efforts of the McGoogan Library staff. McGoogan was able to provide funds to Fontenelle to purchase 80 books. The school librarian picked out over $1,200 worth of books for all the school’s grade levels at the Bookworm, a local Omaha independent bookstore. **Emma Bradley** unpacked, quality checked, and added gift plates to the titles. **Heather Brown** and **Euem Osmera** delivered the books to Fontenelle Elementary School Library on September 24, 2015.

Because of the fundraising efforts of the McGoogan Library staff, the library was able to provide funds to Fontenelle to purchase 80 books. The school librarian picked out over $1,200 worth of books for all the school’s grade levels.
Ronald McDonald House

The McGoogan Library has a long-standing tradition of collecting items during the holidays to support the Ronald McDonald House affiliated with Nebraska Medicine. This year was no exception. Using their “wish list” of needed items library staff contributed gift cards, toys, personal care items, and non-perishable food to the House.

Defining the Non-Verbal: A Discussion About Microaggressions

Charlene Maxey-Harris and Kyomi Deards from UNL's Love Library presented this workshop on November 19. They provided an interactive learning environment for the library staff to engage in a discussion about attitudes, perceptions, and biases we all have based on our interactions with others. The workshop was attended by 28 staff members. Comments from the follow-up survey will result in further discussion of the topic.

Publishing Seminar

On October 15, 2015, the library sponsored a campus-wide event titled “An Inside Look at Getting Published.” One of the primary modes of scholarly communication is publishing, particularly in the journal literature. UNMC faculty, staff, and students are actively involved in research and clinical work that is reported in this literature. This event grew out of discussions with members of the Faculty Development and Research communities.

Sixty-five faculty, staff, and students attended in person, with additional viewers on the Internet livestream. Editors and publishers from three major publishing companies, Elsevier, BioMed Central, and Springer, informed the audience about the publishing lifecycle, how to get noticed by editors, book publishing opportunities, open access publishing, and marketing one’s work. The seminar was well received, with requests for similar events to be held in the future.
The library was excited to host its first UNMC author event featuring Dr. Bud Shaw, author of the recently published memoir, Last Night in the OR. The reading and book signing was held on December 3, 2015 in the south rare book room on the eighth floor of the McGoogan Library of Medicine.

Dr. Shaw has been writing nonfiction narrative for the past several years. As one of the first participants of the Seven Doctors Project, Shaw had been working on fiction, but decided to write about his very personal experiences as a physician, both during his early surgical training and the beginnings of the liver transplantation program at UNMC.

This inaugural event was an overwhelming success with over 50 students, faculty, and staff in attendance. The library looks forward to hosting similar events and looks forward to having other UNMC authors read from their work.