

ANNUAL REPORT

HEALTH SCIENCES LIBRARIES 2015/2016

BIO-MEDICAL LIBRARY | VETERINARY MEDICAL LIBRARY | WANGENSTEEN HISTORICAL LIBRARY

 LIBRARIES
UNIVERSITY OF MINNESOTA

OUR WORK | MADE VISIBLE

Libraries are known as a place of scholarship - and we're here to illustrate the possibilities of what scholarship can be.

We've dedicated the past year to showcasing the breadth and depth of our contributions to the Academic Health Center by redefining our physical and virtual spaces and making visible the work of the Health Sciences Libraries.

New websites, launched last August, bring the most important resources of our three libraries to the forefront. This gives you the right information when and where you need it - whether you are a scholar in the history of medicine, a veterinary medicine researcher, or a practicing health care provider.

Newly-renovated space at the Bio-Medical Library provides support for collaboration, learning, productivity, and study.

These technology-enhanced spaces bring new meaning to scholarship in libraries, with a Virtual Reality Studio, Data Visualization Center, 1:Button Video Production Studio, and Productivity Workstations that offer specialized software for data visualization, graphic design, video editing, and statistical analysis.

We invite you to explore our new spaces and to envision the possibilities. Whatever you're looking for, look to us to be your partners in learning, teaching, research, and care.

JANICE JAGUSZEWSKI

Director and Associate University Librarian, Health Sciences



providing **KNOWLEDGE**...

our state-of-the-art collection enhances teaching, learning, and research in ways unimaginable - from 3D anatomy resources to evidence-based point of care tools to historically significant rare books and artifacts that document medicine's past.

to inspire **ADVANCEMENTS** in health...

our services help researchers find a competitive advantage in the marketplace, understand the impact of their work, and manage research outputs to comply with federal funding mandates.

and excellence in **EDUCATION**...

our librarians provide discipline-specific support to students, educators, and health professionals by providing information at the point-of-need during morning report and patient rounding, and by offering tailored, course-integrated instruction.

through customized **INFORMATION SOLUTIONS**

our technology-enhanced spaces support the life-cycle of knowledge, allowing users to find information and use it to create video presentations, visualize data, experience virtual environments, and anything else their imagination allows.

INNOVATION | ACCELERATORS

This spring, Pharmacy Librarian Franklin Sayre was researching the clinical aspects of a next-generation hearing device developed by Biomedical Engineering Professor, Hubert Lim, Ph.D. Sayre was joined by his Business Librarian colleagues, who were locating information on the market landscape for this device.

Their findings were shared with Dr. Lim as part of the University's MN-REACH program, which supports researchers as they make their innovations available in the marketplace.

Through this work, librarians such as Sayre have become integral members of research teams – helping faculty transform their discoveries into products that improve the health of people around the world.

“The involvement of the Libraries has opened an entirely new avenue for research faculty” said Professor Chuck Muscoplat, Ph.D., and Co-Principal Investigator for MN-REACH. “Many faculty always imagine their project being successful in a commercial sense; yet until they partner with the librarians they never realized they needed an entry into the business world.”

SPOTLIGHT | HEALTH LITERACY RESEARCH

This year the Health Sciences Libraries conducted research on health literacy - a known predictor of health outcomes - at the Minnesota State Fair. Librarians Caitlin Bakker and Jonathan Koffel led the study, which was selected through a competitive application process.

They found that basic health literacy levels were adequate, but many participants had difficulty with questions that required calculations or inferring information from a graph. While higher educational attainment was associated with high health literacy, there were deficiencies in all groups. Study results will help health providers communicate more effectively with patients.

INFORMATION | EXPERTS

Our librarians are developing a reputation for excellence in the specialized research area of Systematic Reviews.

Our Systematic Review Service has received over 100 requests since its launch in 2014, with topics ranging from the effectiveness of mind-body treatment for PTSD to identifying adverse drug events using natural language processing.

This work has expanded beyond the University of Minnesota, with the invitation by Philipp Dahm, M.D. to be part of Urology Group of the Cochrane Collaboration - the preeminent creator of systematic reviews.

“Librarians at the Bio-Medical Library play an essential role in the Cochrane Urology Trial Search Coordinator Network,” says Dahm. “Their work assures that published systematic reviews are based on comprehensive, high quality, and up-to-date search strategies.”

Our librarians are also working in partnership with the College of Veterinary Medicine and the American Feed Industry, providing systematic reviews to identify hazards in animal feed production. Additionally, they collaborate with the North American Spine Society to provide research for the development of clinical guidelines for low back pain treatment.

RESEARCHER | AMBASSADORS

Researcher needs related to grant writing, data management, research impact, and federal funding mandates fit perfectly with the expertise of our librarians.

The work of librarians Caitlin Bakker and Katherine Chew continue to evolve - leading to collaborations with the Sponsored Projects Administration, part of the Office of the Vice President for Research. This includes joint training by SPA and the Health Sciences Libraries on compliance with new Federal publication and data management requirements.

Frances Spalding, SPA Training Coordinator, reports that as a result of their joint training, the compliance rate for the University of Minnesota has risen from well below 50% to over 92%. This means that more Academic Health Center Researchers will be able to retain access to federal grant dollars.

We have also taken the lead in initiating innovative services in support of researchers, including our development of recommendations for Electronic Lab Notebook solutions, made in partnership with Academic Health Center research labs.

SPOTLIGHT | PRIMARY RESOURCES/DIGITAL GENERATION

Curator Lois Hendrickson of the Wangensteen Historical Library recently collaborated with Emmie Miller, graduate student in the History of Science, Technology and Medicine. Their challenge - to encourage learning when students are distracted by their buzzing phones and binging Facebook apps.

“Instead of steamed-milk hearts in their lattes, their phones would be full of pictures of century-old texts,” said Miller.

Through this collaboration, students snapped smartphone photos of historical texts and incorporated them into blog posts about the works' significance.

COLLABORATIVE | CURATORS

Online resources bring learning to a new level and expand the reach of resources broadly within the Academic Health Center and out to distance students.

Our subject librarians and their Academic Health Center colleagues often work collaboratively to identify resources that will support students as they learn and practice the skills taught in the classroom.

Case in point - this year our Nursing Librarian Liz Weinfurter and Collections Coordinator Nicole Theis-Mahon worked closely with Nima Salehi, Instructional Designer in the School of Nursing. Salehi requested online access to Bates' Physical Guide as a way to ensure Doctor of Nursing Practice graduate students - whether on campus or off - get the best information to support their learning.

“We are so lucky in the School of Nursing to have wonderful advocates in the Libraries, like Liz and Nicole, to facilitate faculty and student access to excellent resources,” says Salehi.

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