We prepare the next generation of health care providers by helping students and faculty apply knowledge to create new models of teaching and learning.

- Our new Makerspace supports innovation in the health sciences by providing equitable access to technology and expertise that help students build their next great idea.

- We successfully piloted a training course to equip Research Support Staff with productivity skills for grants and research management.

- We addressed U of M Grand Challenges with librarian-led research sprints, courses on the history of clean water, and collaboration with freshman scholars in support of just and equitable communities.

- Our librarians and curators support student success by teaching essential skills - from evidence-based practice to data management to critical review in health research - with over 10,000 student touchpoints in 230 classes each year.

Our library spaces are living laboratories where students and faculty can combine historical materials with contemporary content and new technologies to develop solutions that address the health challenges of our time.

JANICE JAGUSZEWSKI
Director and Associate University Librarian, Health Sciences
PROMOTING | HEALTH CARE INNOVATORS
Technology-enhanced spaces help problem-solve questions around health.

Technology is transforming healthcare - from dental crowns milled in the office to 3D printing of prostheses to surgeries planned in virtual reality.

We are helping students use technology as they apply information to solve the health challenges of our time. Case in point - a $5 stethoscope was assembled and tested in the library's Makerspace using 3D printed designs.

The Makerspace provided the tools and expertise to create the stethoscope, and the opportunity to tinker with the designs, so improvements can be shared with the broader community working to promote health and well-being.

SPOTLIGHT | DATA MANAGEMENT LEADERS
This fall we will be working with faculty and librarians across our region to increase data management skills.

Through funding from the National Network of Libraries of Medicine, we will teach about the research data management lifecycle to health sciences faculty and graduate students at the University of Minnesota Duluth.

The course will position researchers to prepare competitive grant proposals and meet federal funding requirements for data preservation, sharing and use.

NURTURING | STUDENT LEADERS
Equitable access to resources enhances the student experience.

BREAKING NEWS: The Sugar Bandits are on the loose, luring children towards childhood obesity. Never fear, Captain Celery is here! With the help of his sidekicks, the Public Health Nurses, he can defeat them for good.

Captain Celery stars as the hero of a video project created by students in Public Health Nursing (N4321), taught by Melissa Horning, Ph.D. Much of the Captain Celery video was created using the 1:Button Studio at the Bio-Medical Library.

As the Public Health Nursing Students completed their video, they used information to convey important public health practices, and applied population-based nursing concepts of prevention, epidemiology and social justice.

The students also increased their confidence with technology and gained teamwork skills that will advance their health care practice.

CULTIVATING | CRITICAL THINKERS
Students gain essential skills in research, writing, and critical thinking.

Meet Bridget McKenna, budding scholar, future nurse. “I want to work with babies,” says McKenna. “I want to be a labor and delivery nurse.”

McKenna worked with the curators at the Wangensteen Historical Library to digitally document the collection’s infant feeding artifacts - enhancing skills related to primary and secondary research, academic writing and data visualization.

McKenna will be starting nursing school soon. The knowledge she gained by working with the Wangensteen Historical Library will be essential to her success as a student and as a future health provider.

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ADVANCING | PUBLIC HEALTH EDUCATORS
Research sprints help faculty educate public health students world-wide.

Elizabeth Wattenberg, Ph.D., is training students at Hanoi Medical University in Vietnam who seek to integrate public health practices into their work.

She found that her dedicated public health students lacked access to quality information to support their education and their health practice as they returned to their home countries - typically in Southeast Asia and Africa.

Wattenberg joined with the Libraries to create the “Free Access Public Health” website, providing one-stop access to vetted resources that can support public health students and practitioners wherever they call home.

SPOTLIGHT | HISTORY + MODERN-DAY PRACTICE
Tony Weinhaus, Ph.D., is Co-Director of the Program in Human Anatomy. Weinhaus takes every opportunity to use the Wangensteen Historical Library collections to enhance the learning experience for his students. “As students learn about important figures in the history of anatomy - it becomes real,” he explains.

He is also working with our Emerging Technology Strategist to digitally capture anatomical images for use in virtual reality. The virtual experience will help students show mastery of anatomy outside of a traditional cadaver lab.