

# CHEPS Center for Healthcare Engineering & Patient Safety

The mission of the University of Michigan Center for Healthcare Engineering and Patient Safety (CHEPS) is to improve the safety and quality of healthcare delivery through a multi-disciplinary, systems engineering-based approach through collaboration, implementation, innovation, education, and dissemination.



## Collaboration

The University of Michigan has nationally-recognized strengths in engineering, medicine, nursing, public health, business, and more. We work to identify, foster, and promote collaborative projects across these units.

## CHEPS is home to collaborations between:

- College of Engineering
- Medical School
- School of Public Health
- School of Nursing
- Michigan Medicine
- and more...

## Implementation

Our research is grounded in real problems that affect real patients. We conduct hands-on projects both inside and outside of the University, locally, nationally, and globally. Because of this geographic diversity, research at the Center has an immediate and measurable impact.



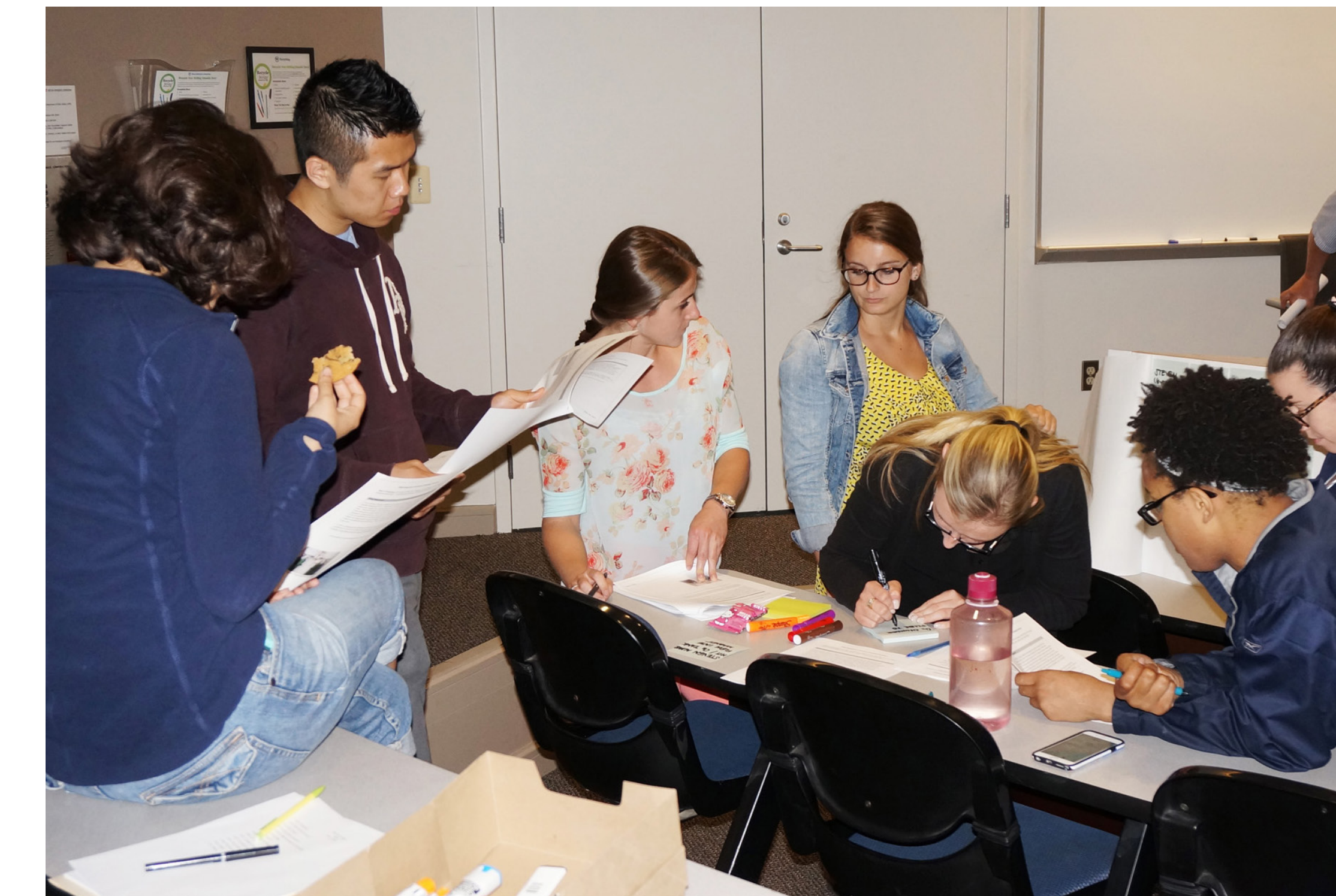
## Innovation

Hands-on projects form the foundation for longer-term, cutting-edge research projects that advance the state-of-the-art in both medicine and engineering.



## Education

A key part of our mission is to train future generations, helping engineering students to understand the challenges and opportunities found in healthcare delivery as well as educating healthcare providers about the benefits that engineering tools can yield on real-world problems.

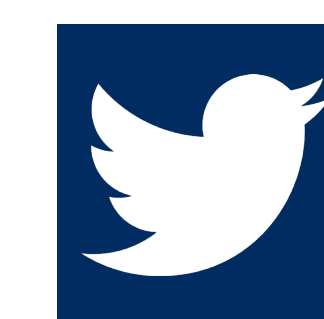


## Dissemination

We serve as a source of information for the broader community about new advances in healthcare engineering and patient safety through our web site, white papers, seminar series, symposia, and outreach activities.



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