The University of Michigan Center for Healthcare Engineering and Patient Safety (CHEPS) is a place where engineering faculty, clinical faculty, and students from all across The University of Michigan come together to solve important real-world problems in our healthcare system and learn from each other in the process.

Students involved with CHEPS have the opportunity to…

... work closely with faculty and other students from many different backgrounds.

... develop & implement engineering-based solutions that have a real impact on patients.

... prepare for jobs in some of the country’s best hospitals.

... present their research.

... get hands-on experience in a wide range of clinical environments.

... travel to conferences around the country and around the world.

... participate in the annual CHEPS Symposium.

... and have lots of fun doing it!
I cannot imagine how lost I would be starting this job [as a Health Systems Engineer at the Mayo Clinic] having not had my experiences in healthcare through CHEPS. Understanding, even at a basic level, hospital operations, medical terminology, and recent trends in healthcare has allowed me to jump right in and feel comfortable in a healthcare environment.

Sarah Bach
HEPS Master’s 2014

When I would go to the Cancer Center and you would see people waiting for blood tests or to visit with their doctor or to go into infusion, it made what was once a project that you’re working on for school or for work, it turns it into something that is going to affect someone’s life. It really makes it real. It makes it really rewarding. That gives you a drive to want to succeed beyond your own personal gain but so that you can give back and help someone else.

Matt Rouhana
HEPS Master’s 2016

If you’re the type of person that really wants to work in healthcare and wants to make a difference in the world...healthcare engineering is definitely the place for you.

Rama Mwenesi
HEPS Master’s 2015

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