



Using specially trained actors, advanced manikins of all ages and simulated environments, learners at UIC can practice clinical, communication and decision-making skills, and get hands-on training in medical diagnosis, treatment and care.

Why simulation?

Health care simulation improves the safety, effectiveness and efficiency of health care delivery.

UIC simulation by the numbers

UIC has more than 7 dedicated simulation centers that:

- Occupy about 56,000 square feet of space, including a mock operating room
- Educate more than 20,000 learners each year
- Provide more than 50,000 hours of learning each year

Highlights

- The University of Illinois College of Medicine's Simulation and Integrative Learning Institute has a rotating cast of 115 "standardized patients," specially trained actors who play the role of patient in simulated clinical care situations.
- The Cless Family Ophthalmologic Training and Simulation Center uses high-tech plastic eyes that sense tools and project a 3D image back to trainees through surgical microscopes.
- The Nita & Phil Francis Family Birthing Suite at the UIC College of Nursing enables students to develop clinical skills related to labor and delivery with the use of high-tech manikins, like the SimMom, which can simulate childbirth.
- Developed by UIC College of Medicine alum Michael Gordon (class of '61), Harvey is a life-size manikin able to simulate more than 30 cardiac diseases through heart sounds and life-like pulses in the neck and chest.

HEALTH CARE SIMULATION AT UIC FEATURES TRAINING IN AREAS LIKE:

- Surgery and robotic surgery
- Labor and delivery
- Perinatal and neonatal care
- Dentistry
- Pharmacy consultation and dispensing
- Cardiology
- Emergency medicine
- Intubation
- Basic life support and CPR
- Primary care and diagnosis
- Home care
- Social work practice role-plays
- Anesthesia