We serve our hospitals

IN SITU SIMULATION is offered to interprofessional teams staffing real patient care areas. A high fidelity simulator is placed into a patient bed. The scenarios help to maintain the health care teams’ readiness to care for critically ill patients, or patients in uncommon, but high risk conditions.

We serve Mississippi

WE OFFER SIMULATION-BASED EDUCATION to schools and health care providers in our state either as a collaborative research project or for-fee service.

TO SCHEDULE A TOUR OF OUR CENTER, please contact UMMC Public Affairs by calling (601) 984-1100.

Map of the UMMC Campus

When coming to the Simulation Center, park in Garage A and walk to the CW building.

Interprofessional Simulation Education Center

The Classroom Wing (CW) building

Map of the UMMC Campus

Interprofessional Simulation Education Center

University of Mississippi Medical Center

2500 N. State Street • Classroom Wing
Jackson, MS • 39216-4505
Phone: (601) 815-9082 • Fax: (601) 815-9182
E-mail: isec@umc.edu • Web: simlab.umc.edu
www.facebook.com/simlabumc

“Excellence is an art won by training and habituation.”
— Aristotle

(601) 815-9082
simlab.umc.edu
www.facebook.com/simlabumc
Our Mission

WE IMPROVE PATIENT CARE AND SAFETY by providing outcome-based, integrative learning modules where critical patient care and communication skills are introduced and improved in a safe and confidential environment.

WE ENGAGE IN INTERPROFESSIONAL EDUCATION that includes medical students, residents, nurses, pharmacy students and many other healthcare professionals.

WE OFFER CRISIS RESOURCE MANAGEMENT TRAINING for teams of novice trainees and seasoned health care providers.

AND WE REACH OUT TO THE COMMUNITY. The Simulation Center joins UMMC’s effort to raise health awareness and recruit new trainees from diverse backgrounds for careers in health care and science by providing interactive events.

Learning Modules

We offer simulation-based education at three levels, depending on the trainees’ needs:

1. HANDS-ON SKILL TRAINING in small groups to learn life saving airway management, vascular and spinal access as well as other invasive procedures.

Medical students learn basic airway management hands-on in small groups.

One-on one instruction in lumbar puncture.

2. COMPUTER-BASED SIMULATION to learn and practice critical patient management skills including advanced cardiac and pediatric life support, procedural sedation, general anesthesia and critical care.

Computer simulation of sedation for hip fracture reduction.

3. HIGH FIDELITY SIMULATION allows trainees to apply hands-on technical and team skills, as well as patient management algorithms in an immersive environment of patient care areas including a critical care unit, emergency department or operating room.

“Putting it all together”: A team of residents and nurses resuscitates a patient in cardiac arrest. The patient is an adult high-fidelity simulator.

CRISIS RESOURCE MANAGEMENT

These sessions target key behaviors and team skills, essential for successful management of a crisis. Crises may emerge due to a shortage of resources, training or disasters. Crises often affect more than one area of the health-care system, requiring effective communication and cooperation.