Jump Simulation Center offers several learning environments and task trainers. Our staff can help you develop curriculum based upon your current practice’s guidelines to identify and address knowledge gaps.

Simulation Spaces & Suites

- **Control Room**: all rooms can be monitored by B-Line Medical/Simcapture™ software system, allowing facilitators, technical operators, or educators to lead scenarios or monitor student progress.
- **Intensive Care Unit (ICU)**: contains functioning ventilator, hospital-grade beds, code carts, workstations on wheels with EPIC EMH documentation, compressed air, and video capabilities.
- **Operating Room**: contains scrub station, operating table, surgical lights, overhead monitors, airway cart, compressed air, and video capabilities.
- **Virtual Reality Station Room**: contains four virtual reality simulation stations.
- **Multi-Purpose Skills Lab**: contains several task trainers, compressed air, and video capabilities.
- **Patient Clinical Rooms (4)**: contains compressed air, otoscopes, ophthalmoscopes, thermometers, and workstations on wheels with EPIC EMH documentation.
- **Debriefing Rooms (4)**: accommodates 8 learners for pre-briefing, debriefing, & video conferencing.
VISIT JUMP SIMULATION CENTER

Are you interested in utilizing the Jump Simulation Center for your organization's educational and training needs? Visit Jump Simulation Center for a tour and take a look at our available spaces and equipment.

Jump Simulation Center is located in the lower level of Everitt Laboratory on the University of Illinois Urbana-Champaign campus.

Please contact Jump Simulation Center manager Shandra Jamison to schedule a tour and discuss your simulation training needs.

Shandra Jamison, MA, RRT
Manager, Jump Simulation Center at Illinois
shandraj@illinois.edu
217-244-3820

IN 2020

FACILITIES & EQUIPMENT

Simulation training enhances technical skills in a low-risk environment. It is as close to reality as possible without affecting a real patient's health and safety while learning.

Virtual Reality Training
- ECMO VR Simulator
- VR Sepsis Trainer
- Airway VR (Intubation)
- Virtual Anatomy

Simulation Equipment
Routine
- Breast Exam Simulator
- Adult IV & Injection Arm
- AED Trainer
- Catheterization/Enema Trainer
- Harvey Heart™
- Ventriloscope
- Lumbar Puncture & Epidural Simulator
- Adult Blood Pressure Arm
- Otoscopy Trainer
- Venipuncture Pad
- Ultrasound
- Eyesi™ Direct Ophthalmoscope
- Adult Crash Cart
- ECMO Trainer
- RoSS Robotic Surgery Trainer™

OB/GYN
- Gynecological Simulator
- Normal & Abnormal Uteri
- FLS™
- Cervical Dilation Trainer

Pediatric
- Newborn Pedi Skills Trainer
- Newborn Airway Trainer
- Baby Stap
- Infant IO Leg
- Pediatric Crash Cart

Manikins
- Newborn Anne™
- SimBaby™
- SimJunior™
- SimMan3G™
- SimMan ALS™
- SimNewborn™
- SAM 3G Auscultation Manikin™

IN 2020

576 INSTRUCTION HOURS

40 Unique Simulations

11 Instructors

INNOVATION IN ACTION

The Illinois RapidVent emergency ventilator was developed by Grainger engineers in March 2020 when COVID-19 cases rose. Jump Simulation Center staff assisted with extensive testing of RapidVent prototypes.

PERFECT PRACTICE MAKES PERFECT

Carle Illinois College of Medicine students spent over 400 hours in simulation training on fundamental skills of clinical practice, such as donning and doffing PPE, performing ultrasounds, and intubating patients.