

## Mission

The mission of the Children's of Alabama Pediatric Simulation Center is to integrate simulation throughout the hospital in a structured learning environment to promote excellence in clinical care, patient safety, and education for all pediatric health care practitioners and care teams.

## Basic Assumption

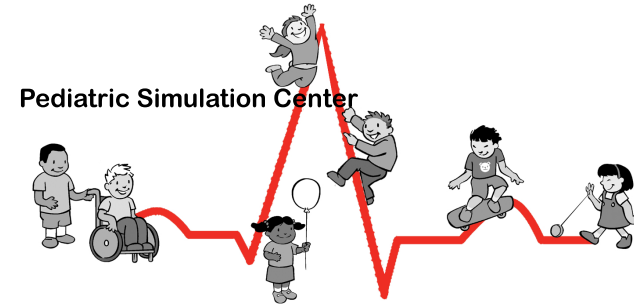
Everyone participating in activities at Children's of Alabama Pediatric Simulation Center is intelligent, well-trained, and dedicated to improving their care for children.

## Vision

Our vision for the Children's of Alabama Pediatric Simulation Center is to be a multidisciplinary center of excellence that provides high-fidelity simulation to promote education, research, and delivery of safe, innovative health care for children.



Pediatric Simulation Center  
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Children's  
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## About Simulation

Human patient simulation technology is changing the way health care professionals are being trained.

The Pediatric Simulation Center at Children's of Alabama was established in 2007 to provide physicians, nurses, respiratory therapists, pharmacists, students and other health care professionals with opportunities to perform common medical procedures and respond to rare, complex conditions and life-threatening emergencies.

The Center continues to grow and has ten simulators ranging in age from a premature infant to a teenager. Four of the simulators are wireless and can be used off-site.

The Center is the state's only pediatric simulation center and has more than 6,000 visitors each year.



The Center creates a safe, realistic environment allowing health care providers and students to increase their knowledge, hone their skills and practice teamwork in the context of real life patient scenarios.

## Programs

Pre-clinical and clinical medical simulation programs include:

- Basic and Advanced Airway
- Crisis Resource Management
- Death and Dying
- Task and Skill Training
- Multidisciplinary and Team Training
- Anesthesia and Intraoperative
- Pediatric Critical Care
- Pediatric Emergency Care
- Neonatal Intensive Care
- Pediatric Cardiovascular Care
- Mock Code
- Pediatric Sedation
- Trauma Team Training
- Extracorporeal Membrane Oxygenation
- Teen Trauma Prevention
- Pediatric Home Ventilation Emergencies
- Geriatric Caregiver
- Interdisciplinary Communication
- Genetic Counseling

## Simulators

Our pediatric simulators can be programmed to physiologically act like any adolescent, child or infant patient a health care provider might encounter. The simulators talk, breathe, have pulses and a variety of anatomical features that allow learners to practice venous access, CPR, airway management, intravenous drug delivery, defibrillation, cardioversion and external pacing. The simulators have realistic heart, lung and bowel sounds and can provide ECG, arterial, invasive and noninvasive BP, intracranial, CVP and oximetry monitoring.

## Our Staff

**Medical Director**  
Nancy M. Tofil, MD, MEd

**Medical Co-Director**  
Marjorie Lee White, MD, MPPM, MEd

**Nurse Educator**  
J. Lynn Zinkan, MPH, BSN, RN, CPEN

**Nurse Educator**  
Amber Q. Youngblood, BSN, RN, CPN

**Director of Simulation Education & Research**  
Dawn Taylor Peterson, PhD, EdS, MEd

## Contact Us

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