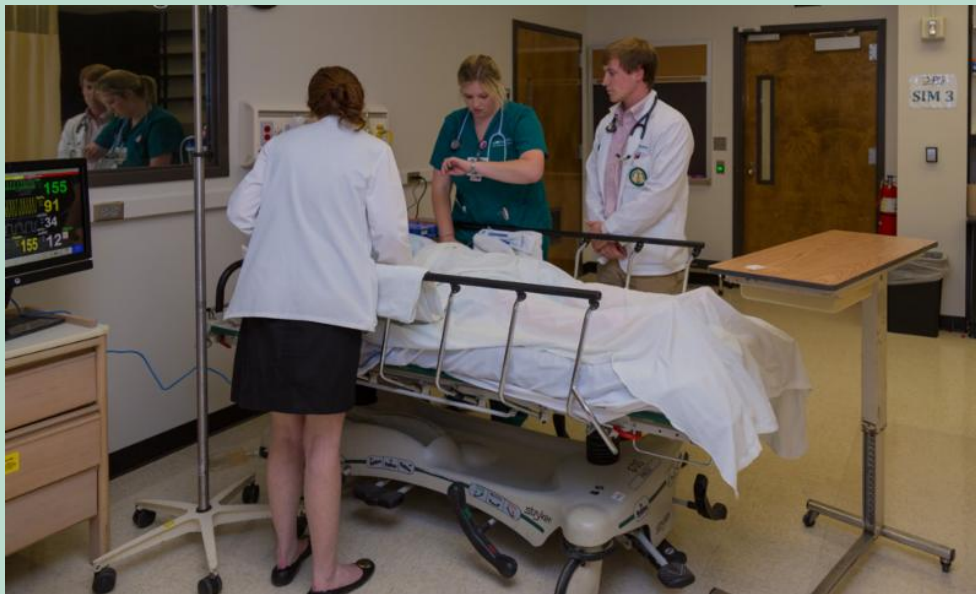




*December 1, 2014*

## **Interprofessional Simulation**

### **Medical and Nursing Students Collaborate to Care for Patients in New Volker Hall Simulation Sandbox**



During two weeks in November in the newly opened Volker Hall Simulation Sandbox, first and third semester nursing students and first and second year medical students collaboratively cared for simulated patients with overdoses, headaches and intracranial bleeding. An interprofessional faculty and staff team from the School of Nursing, School of Medicine including the Joint Health Sciences, as well as simulation specialists and debriefing experts from the Office of Interprofessional Simulation (OIPS) made these simulation sessions possible. Simulation Teaching Associates (STA) from medicine and nursing also facilitated sessions allowing for teaching while learning. Student participants continue to rate the simulation experiences highly; some comment, "I wish we could do more!"

The Volker Hall Simulation Sandbox retrofit was made possible by a Health Services Foundation General Endowment Fund grant and additional funding from the School of Medicine. Investigators on the grant entitled "Simulation Infrastructure Expansion for Preclinical Health Students" include Dr. Chad Epps (Health Professions/Medicine/Nursing/Engineering), Dr. Melanie Sivley (Optometry), Penni Watts (Nursing), Dr. Carly McKenzie (Dentistry), Dr. Carmel McNicholas-Bevensse (Medicine-Cell, Developmental and Integrative Biology), and Dr. Marjorie Lee White (Medicine).

## Mock Code Stroke Sessions Started

April Belle RN

In coordination with Jessica Ellison and Shari Biswal, the UAB Medicine Stroke Coordinators, OIPS has started a series of "Mock Code Strokes" throughout UAB hospital. In these unannounced events, a standardized patient develops signs and symptoms of a stroke and the system's response to this important patient condition is assessed. Our goal is to look for opportunities to improve our institution's response. Biswal noted, "We are really excited about using simulation as part of our efforts to gain the comprehensive stroke designation for UAB Medicine."



OIPS appreciates the opportunity to partner with the stroke program team and Dr. Harrigan, the stroke program's medical director, to work to demonstrate how simulation can be part of improving the care of patients at UAB.

## Anesthesia Resident Simulations: PACES

Chad Epps MD

The mission of the UAB Perioperative/Anesthesiology Critical Event Simulation (PACES) Program is to support the safe and effective perioperative care of patients through medical simulation and research. The mission is supported by a recently completed comprehensive strategic plan that proposes a reorganization of simulation oversight and three-year goals that include expanding simulation experiences for all residents and fellows in Anesthesiology. New CA1 residents currently participate in simulation during their orientation phase. In addition, all CA 1-3 residents participate in a series of simulations on rare critical events that emphasize concepts of crisis resource management. Recently, senior student nurse anesthetists joined CA-3 resident simulations to provide a more realistic anesthesia-team approach to the care of critically ill patients in the operating room. The hope is for other members of the operating room team (surgeons, techs, nurses) to join in on these simulations so that all aspects of team-based care of the perioperative patient can be addressed.



## Director's Corner

Marjorie Lee White, MD, MPPM, MA

Our team continues to change the way we educate and train health professionals every day. In November, we've supported simulation in each of our three main modalities: procedural training, clinical training and in-situ systems testing and for our main clients including the UAB Health System and the Schools of Health Professions, Medicine, Nursing, Optometry and others. We continued to train UAB's Ebola Care team – supervising donning and doffing of PPE over 250 times. We provided over 40 hours of high-quality simulation for undergraduate nursing students and first, second and third year medical students working to demonstrate and teach communication strategies which will allow these students to graduate practice ready. We are introducing an

expanded faculty development and training schedule. Won't you come join us?

See below for upcoming events.

Our mission is to embed simulation-based techniques and tools in education and training for the UAB community to improve patient care outcomes, education, research and health system efficiency. Our vision is to dramatically improve learning patient outcomes and efficiency at UAB and to be an international leader in applying simulation to education, training, patient care delivery and research.



For more information, please visit us on the web at <http://www.uab.edu/simulation>

## Upcoming Events

December 09, 2014 [SimEducator I](#)  
December 15, 2014 [SimEducator II](#)  
January 10-14, 2015 [2015 International Meeting for Simulation in Healthcare \(IMSH\) in New Orleans](#)  
January 27, 2015 [DASH© Series](#)

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