SimNews Brief
Monthly Newsletter of the ECU BSOM Interprofessional Clinical Simulation Program
October 2016

A Message from Our Staff
We continue to work towards achieving our goal of promoting patient, trainee, and practitioner safety and excellence in simulation based education. Our collaborative program partners with Vidant Medical Center to promote excellence in clinical care through the application of safe, high quality, simulation based education.

Simulation Program Stars
We recognize, appreciate, and sincerely thank these individuals for the hard work and commitment that have tremendously impacted our success.

Johnny Stanley, Multimedia and Technology Services, for the years of great work on simulation center AV technical components.

Pete Pancoast, MD, Pulmonary and Critical Care Medicine, Fellowship Director, for his tireless support, enthusiasm, and integration of fellows into the program.

Denise Harper, RN, MSN, ACNS-BC, CRNI, VMC Infusion Specialist, who continues to provide exemplary vascular access education to nurses, medical students, residents, and fellows.

Kelly Lancaster, Administrator, Office of Academic Affairs, Interim Program Manager, who has had an enormous impact on every aspect of the program: structure, administration, personnel, space, technology, funding, and success.

Welcome
Jessica Cringan, from the ECU Contact Center, as Administrative Assistant

Becky Gilbird, MPH, from the ECHI Robotic Surgery Center as Program Manager

Tracy Langston, MSN, RNC-NIC, Education Specialist, Nursing and Simulation Coordinator, VMC Center for Learning and Performance

Stephen Charles, PhD, CHSE, from the University of Kansas, as Assistant Dean of Medical Education Outcomes and Assessment for the Brody School of Medicine

Resources
We offer a number of simulation based modalities that can meet educational needs of trainees across disciplines. Once educational objectives are established, high fidelity simulators, task trainers, models, computers, live simulated patients, space, medical equipment, supplies, and simulation staff are available to assist in developing sessions. There is software for developing and managing clinical scenarios, and a sophisticated B-Line Medical interactive video recording and debriefing system with trainee tracking and assessment capability.

Educational opportunities consist of adult and pediatric training in teamwork, communication, resuscitation, airway, vascular access, para/thoracentesis,
suturing, ultrasound, obstetrics, laparoscopy, bronchoscopy, GI endoscopy, auscultation, fundoscopy, and a self-directed learning component.

**Program Activity**

- M1 medical students participated in the First 5 Minutes simulated crisis training course. M1-M2 medical and nursing students were grouped together to learn procedural skills as part of the IPE Doctoring course this fall.
- The Central Venous Catheterization Course continues for residents, fellows, nurse practitioners, and physician assistants as does the Moderate Sedation Airway Module for medical staff.
- Bronchoscopy, and GI endoscopy simulators are being incorporated into Critical Care and GI fellowship programs.
- Eyesi Direct Ophthalmoscope, SonoSim Ultrasound, and Auscultation simulators are available as self-study learning opportunities for students and residents.
- The Simulation AV Technology module with VMC and a Debriefing module with ECU College of Nursing and VMC have been developed and piloted for simulation faculty development.
- Facilitation of simulation-based learning for 179 new graduate nurses in the VMC Nurse Residency Program, with interprofessional collaboration from the VMC Critical Care Fellows.
- Drs. Schott, Zorko, Rathbun, from emergency medicine and internal medicine, and medical students completed their ultrasound simulation study.
- Drs. Muzaffar and Liles provided hematology oncology fellows with a simulation based skills experience in intrathecal chemotherapy and bone marrow biopsy.
- Dr. R. Carter and David Schiller taught First 5 Minutes for VMC Dental residents.
- Drs. Longshore, Toschlog, Robey and B. Lake, J. Brady, D. Schiller are providing pediatric trauma simulation outreach associated with the Childress Grant to hospital emergency departments at Onslow, Edgecombe, and Nash.
- David Schiller, Simulation Specialist, attended the SimGhost simulation technology conference in Peoria, Illinois in August.
- Military officers and personnel from Fort Bragg visited the simulation center and the east campus Osprey transport simulator to discuss collaboration opportunities in clinical and simulation educational components.

Please contact us for more information, a tour of the facility, to use our self-directed learning simulators, or if we can assist you with integrating simulation based modalities into your educational program.

*Remember, our patients trust us to do it right…every time!*