

September, 2017

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Director's Corner

Marjorie Lee White, MD, MPPM, MA

August saw the simulation team continuing to partner to improve the care provided by individuals & teams and in our system. Individuals continued to have perfect practice on the 52 procedures we simulate. Teams across the health system and university simulated together, and OIPS team members gained

Whitaker Ancillary Area In-Situ Simulation

Ambulatory Clinic & Process Implementations

expertise in TeamSTEPPS. We were delighted to partner with providers who will care for patients in the Whitaker Clinics of UAB Hospital and with Birmingham Fire & Rescue who will provide (picture, top right) essential services

We are also taking steps to be involved with virtual simulation which is the future. Won't you join us to test out our Virtual Crash Carts? Please see the story below.



On August 16, Ambulatory Access partnered with OIPS to hold a simulation experience at the new Whitaker Clinic of UAB Hospital. Approximately 25 participated with interests in Radiology, Injection, and Lab. Participants were given 10 different patient scenarios that were used to gain an understanding of combined work flows amongst Ambulatory and Hospital processes within the shared space. The scenarios were displayed on a portable television, and observers were given worksheets to assist in determining the correct process/workflow to be utilized. The debriefing included the use of a white board allowing participants to openly discuss the pros and cons of the overall simulation. Thanks to everyone who participated - especially April Belle, who facilitated the session.

Whitaker Emergency Preparedness Simulations

Jaye Locks, BSN, RN

In August, Primary Care, Dermatology, Radiology, and Hospital Lab partnered with OIPS to hold multiple simulation experiences at the new Whitaker Clinic of UAB Hospital. The simulations consisted of approximately 20-30 learners ranging in scope from physicians, nurses, allied professionals, clerical staff, security personnel, performance engineers, and facilities engineering staff. Participants utilized the new clinic team spaces in order to test emergency management and ancillary workflow. Highlights and common themes of the experience included identifying opportunities for improvement to create a safer environment for patients and employees, identifying the ideal patient centric ancillary experience while promoting efficiency and quality, and identifying possible bottle-neck scenarios during peak flu season. A total of six simulations were performed. Thank you to OIPS and the incredible amount of work they put in preparing for the Whitaker launch.



Neurology Interprofessional Simulations Update

Wolfgang Muhlhofer, MD



In late July, third year medical students along with pharmacy students rotating at UAB Hospital [DTP1] piloted a new patient simulation scenario at the Quarterback Tower Simulation Lab. This simulation scenario will become a part of the simulation based learning experience that has become a fixed component of the neurology clerkship curriculum for third year medical students at UAB. The simulation consisted of a total of nine medical students and two pharmacy students working together to provide adequate care for a patient with a new neurological complaint. It is the first time that pharmacy students rotating at UAB provided expertise in

a simulation scenario with medical students, and the simulation was well received on both sides. Students felt that learning how to utilize and communicate each other's experience and knowledge base is a very important skill to practice in the world of subspecialized medicine with increased complexity of available medical treatments. Thanks to Amy Amara, MD, PhD and Wolfgang Muhlhofer, MD (both faculty at the UAB Department of Neurology) who drafted and facilitated the scenario with additional input from Dawn Taylor Peterson, PhD (Director of Faculty Development and Training at OIPS) and Lisa Bagby, MSN, RN, CEN (Director of Procedural Simulation at OIPS). Kristi Crump, PharmD and Alex H. Ward, PharmD, BCCCP (UAB Hospital) served as content experts during the debriefing session.

Highlands ICU Overflow Simulations

Doris Strother, MSN, RN, CCRN

On July 12, the Highlands ICU Leadership partnered with OIPS to host a simulation experience at UAB Highlands. The simulation consisted of interprofessional participants from Nursing, Respiratory Care, Pharmacy, OR, Anesthesia, and others. The in situ (on site) simulation began in a patient room on the acute care unit and culminated in the PACU. The purpose of this experience was to prepare staff for the management of a critically ill patient in the event the ICU is at capacity (ICU Overflow process). Participants engaged in an in situ resuscitation on 4Main with subsequent transfer to the PACU, simulating the ICU overflow process. Highlights and common themes of the experience included identification of processes that worked well and processes that require further review and adjustment. Special thanks to; Dr. James, Medical Director; Beth Clarkson, Director; Floddie Vincent, Nurse Manager; Doris Strother, NPDS; HICU RN's: Bridgett Washington, ANM, Emily Lawrence, Sarah Gibson; Cassandra Whitehead, RT; Pharmacy: Daniel Brackin, and Kevin Langston; P shift 4Main staff at Highlands; and the OIPS department for making this experience a success!



Emergency Critical Care/Acute Care Interprofessional Sims

Todd Peterson, MD



On June 20, the School of Medicine partnered with OIPS to hold a simulation experience at the Volker Hall Simulation Sandbox. The simulations consisted of 20 of learners from the School of Medicine and Department of Emergency Medicine. Fourth year students on their Acting Internship worked together with nurse practitioners from the Department of Emergency Medicine to care for emergent and crashing simulated patients. Together, they worked on communication and resuscitating critically ill cardiac and infectious patients. Highlights included opportunities to work on team dynamics during code settings, dealing with difficult family members, and

management of critically ill patients with cardiac and infectious problems. The reviews were overwhelmingly positive with multiple participants praising the opportunity for hands on experience with coding patients and the feedback opportunities during and after each case. We'd like to thank Dr. Adam Robinett, Dr. Cameron Crosby, Andres Viles, Ben Whitaker, and Amanda Gargus, for their help with the event.

Care Transitions Sims

Emily Simmons, MSN, RN-BC, CNL

In August and September, the Department of Interprofessional Practice and Training partnered with OIPS to conduct simulations for the Care Transition Department in the Quarterback Tower simulation lab. These simulations were created by an interprofessional group of Geriatric Scholars that were conducting a process improvement project as a part of the program. Two simulations were designed as a part of the project with the following main objectives: 1) Improve comfort level with discussing Advance Directives, and 2) Identify and communicate barriers related to Transitions of Care. There will be approximately 80 social workers and care coordinators that will participate in the training. Highlights from the simulation experience have included increased knowledge and comfort level of discussing Advance Directives and identifying and communicating barriers to transitions of care to the interprofessional team during rounds.



UAB Faculty Participate in Simulcast

Brian Mezzell, MBA



Simulcast, a hi-fidelity podcast about healthcare simulation, regularly produces podcasts, posts blogs, and facilitates a journal club all focused on topics relevant to the field of healthcare simulation. Simulcast is facilitated by Ben Symon and Vic Brazil, both of whom

practice medicine in Brisbane, Australia. In July, Simulcast featured an article published in *Simulation in Healthcare* by UAB faculty members Dawn Taylor Peterson, PhD, Penni Watts, PhD, RN, CHSE-A, and Marjorie Lee White, MD, MPPM, MA. You can read the introduction and blog postings [here](#). After bloggers posted throughout the month of July, the authors responded to their thoughts and questions. A summary of the expert commentary can be viewed [here](#). OIPS is thrilled to see UAB faculty leading a discussion on simulation faculty development in an international forum.

TECH UPDATE: Virtual Crash Cart

Teldra B. McCord, Clinical Simulation Equipment Technician

The Office of Interprofessional Simulation for Innovative Clinical Practice (OIPS) is delighted to announce their new computerized pilot - The Virtual Crash Cart. The virtual crash cart, provided by Engineering & Computer Simulations, Inc., is a web-based Android application where users will be able to test their crash cart knowledge in an interactive learning mode and gaming mode. Crash cart training is important for the sustainment of skills for healthcare providers; therefore, OIPS will be hosting crash cart feedback sessions to determine the most effective crash cart training method - A virtual crash cart training session versus an in-person one. Will you please join us? Sessions will be held from 11:00am - 1:00pm in Jefferson Tower 230 & 252. Please follow the link



below to sign up. Lunch will be provided.

- Thursday, August 31, 2017
- Thursday, September 7, 2017
- Tuesday, September 12, 2017
- Friday, September 15, 2017

[Sign up here](#)

TeamSTEPPS™ Master Training

Shilpa Register, PhD, OD



Two teams represented UAB at the TeamSteps Master Training on Duke University's campus. Shilpa Register, Tekuila Carter, Andres Viles, Benjamin Whitaker, David Mathews and Brian Mezzell attended an intensive 2 day course which consisted of seven modules focused on a teamwork system developed jointly by the Department of Defense (DoD) and the Agency for Healthcare Research and Quality (AHRQ). We are excited to bring this skill set and training opportunity to UAB to improve institutional collaboration and communication relating to patient safety.

Annual SimGhosts Conference

Tyler Burks, Manager - Clinical Simulation Operations - Audio Visual

In August I was afforded the opportunity to attend SimGHOSTS in Raleigh, NC. This conference is a meeting of those who truly want to learn the technical ins and outs of simulation. The courses varied from creating your own chest tube trainer to how to organize your inventory. The classes were all in depth and well taught. Learning from one's peers and their experiences is an invaluable tool that should be utilized whenever the chance presents itself.



OIPS Team Member Highlight - Fenil Patel



Fenil Patel recently joined the Office of Interprofessional Simulation for Innovative Clinical Practice as a Simulation Coordinator. He was born in India but calls Jonesboro, Georgia his hometown. Fenil is a graduate of UAB, where he earned his Doctor of Medicine degree. He received a Bachelor of Science degree in microbiology from the University of Georgia in Athens. Fenil plans to pursue a career in emergency medicine. His family includes his mom, dad, and brother. Fenil's father is a private practice internist, his mom is an office manager, and his brother is doing research with the National Institutes of Health and applying to medical school. His interests include:

spending time at the gym, cooking, playing golf, and rooting for the Georgia Bulldogs on Saturdays. Fenil's favorite food is falafel, and his favorite book is J.D. Salinger's "The Catcher in the Rye." His next vacation will be to New York City. Fenil can be found on Facebook and Snapchat.

Upcoming Conferences

SSH/INACSL Regional Workshop

The UAB Simulation Consortium is providing a location for a Society for Simulation in Healthcare (SSH) and International Nursing Association for Clinical Simulation and Learning (INACSL) Regional Workshop on September 23, 2017 at the Children's of Alabama Bradley Lecture Center. For more details and registration information please [click here](#).

Important Dates for Simulation Community and/or Facilitator Development

September 11-15, 2017	Healthcare Simulation Week
September 14, 2017	Sim 1
September 21, 2017	DASH© Series 5
September 26, 2017	Advanced Debriefing
September 28, 2017	Sim 2
September 30, 2017	MOCA Course
October 9, 2017	SimConnect
October 23, 2017	SimShare

For Facilitator Development Opportunities visit
<https://www.uab.edu/simulation/development-opportunities>



Top Rows (left to right): Charlie Prince (Director of Operations), Andres Viles (Simulation Coordinator Senior), Marjorie Lee White (Director), Amanda Gargus (Clinical Simulation Specialist), Teldra McCord (Clinical Simulation Equipment Technician), Kelly Markham (Administrative Associate), Erin Blanchard (Simulation Educator Senior), Brian Mezzell (Program Administrator II), Betty Farley (Program Director III), Brad Bertke (Program Coordinator I), Shilpa Register (Director of Research), Shelby May (Clinical Simulation Equipment Technician), Fenil Patel (Simulation Coordinator), Ben Whitaker (Clinical Simulation Specialist)

Seated (left to right): Lisa Bagby (Director of Procedural Simulations), Tyler Burks (Manager - Clinical Simulation Operations - Audio Visual), Dawn Taylor Peterson (Director, Faculty Development & Training), David Mathews (Clinical Simulation Equipment Technician), April Belle (Director of In Situ Simulations), Joe Castongia (Clinical Simulation Equipment Technician)

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



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