



*July 6, 2015*

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## Director's Corner

Marjorie Lee White, MD,  
MPPM, MA

We've continued our hectic pace in June! Thanks to all of you who have participated in our courses. We are working hard to develop and improve our processes so that we can continue to provide simulations with you. Please let us know how we can help you.

I'm thrilled to welcome Tim Holloway, MSN, RN as our newest team member. Tim is a new faculty member in the School of Nursing who is embedded full-time with the Office. He will be the go-to person for university-side simulation curriculum development and deployment after his on-boarding. Please join me in welcoming him. You can read about him in the profile below.

## Advanced Teamwork & Communication Simulations

Penni Watts, PhD, RN & Todd Peterson, MD



Advanced team communication simulations have been a successful addition to the Interprofessional Education simulation program. This interprofessional event included 5th semester BSN nursing students and 4th year medical students.

During this event, students rotate between three simulation scenarios

We are thrilled to be in our new space on Jefferson Tower 2nd floor. Many of us now have offices on the corridor, and we are looking forward to being able to offer additional procedural simulation training as soon as our additional space is outfitted. Thanks to all who have participated in making improvements to the simulation facilities in QBT3/JT2. They include: Arpan Limdi, Juan DeOnis, Amy Cope, Robert Witherspoon, Milbeth Shipp, William Cruz, Steve Crowder, Norman Carr, Terry Allen, Mark McKay, Anthony Banks, Bobby Sawyer, Ronald Caldwell, "Mr. Tim," Tracy Paige, Delores "Dede" O'Dell, Daryl Graves, and Ed Crump. In addition, our work studies/student workers (Bradley J. Bertke, James T. Nunally, Deidra C. Atkinson, Joey Travis and Kathryn Skelton) have been working tirelessly to aid in the transition.

We continue to offer high quality simulation facilitator training and to support simulation courses whether in the simulation centers we manage at Quarterback Tower or Volker Hall Simulation Sandbox or in situ (on location near you). We want to work with you to change the way we care for patients. Check us out on [www.uab.edu/simulation](http://www.uab.edu/simulation) or email us with your suggestions [simulation@uab.edu](mailto:simulation@uab.edu).

designed to improve clinical and communication skills. The first simulation proves itself to be a challenge! How do you deal with a team member who is not at their best? This situation challenges even the most patient providers. Students learned new strategies about how to deal with this in clinical practice.

The second simulation is focused on fine-tuning ACLS skills. With the use of a technique called RCDP (Rapid Cycle Deliberate Practice), the students repeat steps of the protocol over and over until the team performance is seamless. It takes lots of energy and endurance to survive this simulation!

When caring for the patient in the third simulation, learners are challenged to handle a complicated medical emergency. Learners must use their assessment skills to avoid premature closure and anchoring on a wrong diagnosis.

Students have provided positive feedback on these events. Many feel they are so much more comfortable with team skills and interprofessional communication. Others have reported back from the clinical setting that their skills gained during this event have aided them with real patient situations.

A big thanks to the following who made it happen: Kelly Dailey, Summer Langston, Lisa Bagby, Jabril Cooper, John Woods, Jason Morris, Mike Hyde, Becky Jacobs, Sharon Hamilton, and Marjorie Lee White

## Maintenance of Certification in Anesthesiology (MOCA) Course

Jeff Simmons, MD

On June 7, 2015, the Office of Interprofessional Simulation in partnership with the University of Alabama Department of Anesthesiology and Perioperative Medicine conducted its first "mini" Maintenance of Certification in Anesthesiology (MOCA) Course for practicing anesthesiologists. Successful completion of the mini-course satisfied a prerequisite for American Society of Anesthesiology (ASA) endorsement to become a certified MOCA center. Four board-certified anesthesiologists attended the full day course, each participating in one simulation and serving as help for a second. Scenarios utilized immersive simulation with high-fidelity mannequins in an operating room environment. Participants managed a wide array of cardiovascular and respiratory emergencies such as local anesthetic toxicity, hyperkalemic arrest, pneumothorax, and unanticipated difficult intubation. Participants were also debriefed on effective utilization of crisis resource management. The course was highly rated by participants and simulation faculty. Dr. Jeff Simmons serves as director of the MOCA course, Dr. Marjorie Lee White is the OIPS liaison and Dr. Chad Epps served as the course evaluator.



After ASA endorsement, UAB intends to hold regularly occurring MOCA simulations, which satisfy Part 4 of the American Board of Anesthesiology recertification process. UAB will be a convenient, centrally located center for MOCA simulation for both Alabama and surrounding state anesthesiologists.

## UAB School of Optometry Patient in Distress Drill

Melanie Sivley, OD

The UAB School of Optometry recently conducted its second "Patient in Distress" drill in the Primary Eye Care Clinic. This in-house simulation was led by optometry faculty members Drs. Melanie Sivley, Jill Meadows, Suzanne Simms and Beth Steele, and was supported by embedded OIPS participants.

A highly skilled 67-year-old standardized patient feigned a heart attack in the exam room while third-year students performed case history and preliminary testing. When the patient became unresponsive, the unsuspecting students acted swiftly and appropriately to stabilize the patient, initiate contact with first responders, and alert the appropriate clinic and administrative personnel. Students who were not directly involved with the patient encounter took appropriate action in supportive roles to protect the patient's safety and privacy while awaiting EMS. The optometry staff, who were not informed of the drill ahead of time, also followed emergency protocol and handled the situation extremely well.

Interestingly, the AED "malfunctioned," so students were forced to stabilize the patient without the benefit of the AED, as well as manage the patient's anxious "family member" (an embedded OIPS participant).

Highlights of the debriefing session included emergency equipment functionality and accessibility, patient safety, how to appropriately alert other clinic occupants that an emergency is in progress, closing the communication loop during an emergency (e.g., "I will get the AED," "I have called 911"), and review of clinic protocol for medical, fire and weather emergencies.

## OIPS Team Member Highlight - Tim Holloway



Tim Holloway joined the Office of Interprofessional Simulation on 6/23/2015 as an instructor in the School of Nursing. He was born in Birmingham and attended Jacksonville State University to earn his Bachelor of Science in Nursing and Master of Science in Nursing degrees. Tim served in the United States Army in the late 80s and early 90s. He has prior simulation experience in simulation as a Simulation/Nursing Instructor at Virginia College - Montgomery. Tim is married to his wife Mary and

has two children, Justin (26) and Amber (18). He enjoys playing the guitar and the bass as well as recording and working on guitars. Tim has little social media presence but does post music on Soundcloud under hollotim. Some of Tim's favorite podcasts are: Freakonomics, Sword and Scale, and Ravi Zacharias. His next vacation will be in the fall when the kids leave for college.

## Debriefing Update

Dawn Taylor Peterson, PhD

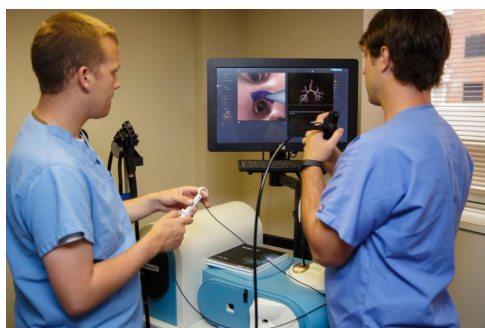


One of the goals of OIPS is to share best practice in simulation and debriefing methodology. After attending several international conferences this spring and reviewing Eppich and Cheng's article [Promoting Excellence and Reflective Learning in Simulation \(PEARLS\)](#) in the April 2015 issue of Simulation in Healthcare, we have updated our debriefing guide to reflect the most recent thinking on best practice in debriefing. Our [updated debriefing guide](#) places more emphasis on the structure of the debriefing and less on the specific use of advocacy/inquiry as the only method for working through the understanding phase of the debriefing. We want to ensure that facilitators with various levels of experience feel comfortable using the debriefing guide and effectively working through the understanding phase of debriefing. The primary update to the debriefing guide is that three techniques are now included in the understanding phase: 1) advocacy/inquiry (based on [Debriefing with Good Judgement Model](#) by Rudolph et al), 2) advocacy/coaching and 3) plus delta. Any combination of these techniques may be used to facilitate the understanding phase of debriefing. Please join us for one of our [Advanced Debriefing Workshops](#) to learn more about the update or to spend time with other simulation facilitators practicing your debriefing skills. If you have comments or questions about debriefing or other facilitator development courses, please contact Dawn Taylor Peterson, PhD at [dtpeterson@uab.edu](mailto:dtpeterson@uab.edu).



## GI Branch Mentor System

Jarrold Young, Clinical Simulation Specialist



On June 3, the Office of Interprofessional Simulation introduced a new training system for surgical skills. The new product is a GI-BRONCH Mentor System from Simbionix. The system combines both a gastrointestinal and bronchoscopy 3-dimensional model for simulation. The GI Mentor offers an endoscopic medical simulator for upper and lower gastrointestinal procedures. The BRONCH Mentor system offers flexible bronchoscopy training for the need of pulmonary and critical care physicians, interventional pulmonologists, and anesthesiologists. To date, we have eight faculty or staff

that are trained to use the machine: Dr. Sam Windham (Trauma Burns and Critical Care Surgery), Dr. Derek Russell (Pulmonary, Allergy and Critical Care Medicine), Dr. Nick CaJacob (Pediatric Emergency Medicine), Dr. Wynton Hoover (Pediatric Pulmonary Medicine), Amanda Moon (Surgical Skills), Lisa Bagby (OIPS), Jabril Cooper (OIPS), and Jarrold Young (OIPS). OIPS is currently rolling out a pilot program with Dr. Russell and the Pulmonary Residents in the Pulmonary and Critical Care Medicine Department. If you are interested in requesting a Train-the-Trainer time slot with the GI-BRONCH Mentor System, please contact Jarrold Young at [jwyoung@uab.edu](mailto:jwyoung@uab.edu) or 5-4033. If you are already trained on the system and want to begin scheduling time to utilize this technology, please contact us at [simulation@uab.edu](mailto:simulation@uab.edu) for availability of the simulator. Any other questions that you may have on the logistics or capabilities of the system can be sent to Jarrold Young, as well.

### Upcoming Events

July 6, 7 & 9, 2015

July 13 & 14, 2015

July 21, 2015

Shock Week

ICU Interprofessional Education

Sim 1

July 23, 2015

[Sim 2](#)

July 28, 2015

[Advanced Debriefing](#)

July 29, 2015

[DASH© Series](#)

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compiled by Kristopher Maday, MS, PAC, CNSC | Assistant Professor, Academic Coordinator

These summaries are available at [www.uab.edu/simulation/resources](http://www.uab.edu/simulation/resources) under the "Simulation Articles" tab.



Top Row (left to right): Jarrod Young (Clinical Simulation Specialist), Kelly Markham (Administrative Associate), Betty Farley (Program Director III), Lisa Bagby (Advanced Nursing Coordinator), Brian Mezzell (Program Administrator II), April Belle (Advanced Nursing Coordinator), Marjorie Lee White (Director), Wayne Skipper (Clinical Simulation Specialist)

Seated (left to right): Charlie Prince (Program Director II), Dawn Taylor Peterson (Director, Faculty Development & Training), Penni Watts (Faculty), Jabril Cooper (Clinical Simulation Specialist), Chad Epps (Associate Director)

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