

January 3, 2016

### Director's Corner

**UAB Simulation Consortium  
Attains SSH Accreditation**

**Embedded Simulation Person  
Workshop**

**Radiology Simulations**

**Patient Care Technician  
Simulations**

**Cardiovascular Exam Practice**

**Modeling IP Behavior: Grand  
Rounds in Selma**

**NIEHS Grant Planning**

**Ob/gyn Vimedix Training**

**UAB Pop-In Series**

**SimShare: Educational  
Networking**

**IHI 28th Annual National Forum**

**OphthoSim Trainer**

**OIPS Team Member Highlight**



## Director's Corner

Marjorie Lee White, MD, MPPM,  
MA

As we close the calendar year of 2016,  
there is much to be excited about in  
the UAB Simulation community.

At year end, we celebrate meeting all  
of our FY16 goals.

## UAB Simulation Consortium Attains SSH Accreditation

Charlie Prince

First, in the area of creating an active simulation community with expertise. We trained over 1500 individuals in various simulation courses, and we are now a Society for Simulation Accredited Program.

Second, we partner with UAB health school faculty to develop and offer innovative interprofessional simulation opportunities to meet individual and team needs.

Finally, we prioritize health system patient safety goals. We're honored to be viewed as a part of the diagnostic and therapeutic treatment for a health system that is continuously changing, and we are certain that with your help, 2017 will be a banner year for simulation at UAB.

On the academic side, we welcome new leadership in the person of [Carlos Estrada, MD](#). We look forward to building our research efforts with his guidance.

Within the health system, we are focused on sepsis, in situ and procedural simulation. We are also looking forward to telling the UAB Simulation story broadly as we've much to be proud of.

Please reach out to us with your ideas as together we can See One, Sim Some, Harm None™.



After many months of rigorous work, process improvement, and documentation, the UAB Simulation Consortium has earned accreditation by the Society for Simulation in Healthcare (SSH), the international accrediting body for simulation organizations. The UAB Simulation Consortium sought and attained accreditation in all the following areas: core (required for all), teaching/education, systems integration, and research.

The UAB Office of Interprofessional Simulation and the Pediatric Simulation Center at Children's of Alabama joined forces under the umbrella of the UAB Simulation Consortium to both demonstrate our continued partnership in seeking to improve healthcare through the use of simulation and to seek accreditation from SSH.

After acceptance of the application in May of 2016, a site visit took place on November 17-18, 2016 on location at UAB and Children's of Alabama. During the site visit, three visitors representing SSH's Accreditation Committee toured both facilities and met with key stakeholders, users, faculty, and staff of both sim centers. After careful review by SSH, the UAB Simulation Consortium accreditation was granted on December 19, 2016.

The UAB Simulation Consortium would like to thank the following people for their contributions and time:

Dr. Carlos Estrada, Dr. Loring Rue, Dr. Mitch Cohen, Dr. Robert Rich, Dr. Scott Buchalter, Dr. Emily Boohaker, Dr. Muhannad Almubarak, Dr. Kelley Catron, Dr. Samuel Strachan, Dr. Nathaniel Swinger, Amy Hobbs, Aisha Stanton, Jamie Hammock, Amanda Segars, Liz Kudrika, Abigail Calamatti, Sara Owens, and all of the dedicated members of COA-PSC and OIPS who worked so diligently and tirelessly to make this happen.

## Embedded Simulation Person Workshop

April Belle, MSN, RN



The embedded simulation person (ESP) is an essential part of most simulations. This term, ESP, is used to describe someone who is a facilitator of learning during a simulation experience. The ESP often acts as a family member, healthcare provider, consultant, or a helper in the room.

Typically encountered during an immersive simulation, the ESP helps bridge the gap between simulation and realism. Often times, there are questions about the patient's history or physical assessment that are challenging to interpret from the simulated environment. In

these instances, the ESP provides necessary information for learners to progress through a scenario. The ESP also supports learners with the operation of equipment or locating other resources such as supplies and diagnostic results.

The ESP Workshop is a course offered by the Office of Interprofessional Simulation for Innovative Clinical Practice (OIPS) and supports the mission of facilitator development for the UAB enterprise. This workshop is designed to introduce learners to the concepts and principles that provide a general understanding of the ESP role in a variety of simulations. The course offers a didactic presentation, video reviews, and small group exercises to demonstrate the role of the ESP as a facilitator of learning to ensure successful simulations. Learners are encouraged to observe additional simulations and practice with an experienced ESP to become more familiar with the role.

Please visit the OIPS website if you are interested in registering for this course:

<http://www.uab.edu/simulation/development-opportunities>

## Radiology Simulations

**Matt Larrison, MD & April Belle, MSN, RN**

On November 2 & 11, the UAB Department of Radiology partnered with OIPS to hold a simulation experience at the Center for Patient Safety & Advanced Medical Simulation (QBT3). The interprofessional simulations consisted of 10 health system employees including MDs, PAs, and Radiology Technologists. These participants reviewed the signs and symptoms of various emergencies, discussed and implemented appropriate treatments, and demonstrated strategies for improving teamwork and communication skills.



The simulations are designed for learners to gain experience with high risk, low-occurring patient events and prepare the radiology team for rare events that could occur during radiologic testing. Highlights and common themes of the experience included the benefit of debriefing the simulation session and being familiar with health system resources available during emergent patient events.

Simulation is an educational technique that provides an opportunity for improving the way teams perform. Our patients rely on healthcare teams to perform optimally in emergent and non-emergent situations. Interprofessional simulation is one way to improve the delivery of care and meet the needs of our patients. The partnership between UAB Department of Radiology and OIPS is a wonderful example of collaboration for the benefit of our patients.

## Patient Care Technician Simulation Pilot

**Andres Viles, MSN, RN & Ann Colvin, MSN, RN**

On December 19, the Center for Nursing Excellence partnered with OIPS to hold a simulation experience at the Center for Patient Safety & Advanced Medical Simulation (QBT3). The simulations consisted of 13 Patient Care Technicians (PCT) during their final day of hospital orientation. The purpose of the sims was to allow the learners an opportunity to practice skills learned in orientation in a safe environment before starting their unit orientation. The specific objectives of the case were to 1) properly utilize AIDET 2) perform hourly rounding with a purpose 3) obtain and report vital signs and 4) report concerns related to abnormal vital signs to the nurse using assertive language. Standardized patients were used for this immersive simulation. Highlights and common themes of the experience included the benefit of using "a real person" versus a manikin and the appreciation of receiving feedback in a timely manner. One hundred percent of learners stated simulation was an exceptional learning tool and would like to have more opportunities. Thanks to Chrayne Crawford (PCT 6N), Dorma Whitfield (PCT HSP 3), and Tiffanie Shephard (PCT C7S) for their help in the pilot run-through.



## Cardiovascular Exam Practice

Anna Neklyudova, MS



During November 2016, Clinical Skills Teaching Associates (4th year medical student mentors in the School of Medicine's "Introduction to Clinical Medicine" curriculum) had an opportunity to train with Harvey, the heart and lung sounds simulator. The simulation experience proved indispensable to the students, who enjoyed refining their auscultatory skills. Many students were impressed by Harvey's capabilities and requested further incorporation of such training into the Medical school curriculum. Clinical Skills Teaching Associates will be able to share some of what they learned when they teach

cardiac exam skills in upcoming training sessions with first year medical students.

## Modeling Interprofessional Behavior: Grand Rounds in Selma

Dawn Taylor Peterson, PhD

Members of the OIPS team, along with a partner from the School of Nursing, traveled to Selma in early December to facilitate an interprofessional Grand Rounds for the Rural Medicine Residency program at Vaughan Regional Medical Center. Dawn Taylor Peterson, PhD, Kelly Dailey, MSN, RN, and Marjorie Lee White, MD, MPPM, MA led the session that focused on approaching interprofessional differences with mutual respect and curiosity. Participants were encouraged to reflect on ways they interact with colleagues from different professions as well as colleagues within their own discipline. Specific strategies from simulation debriefing literature were

discussed and demonstrated as a way to avoid assumptions and move from certainty to curiosity when interacting with others in difficult or challenging situations. Nurses, physicians, and administrative staff attended the session as well as the CEO of the medical center.



# National Institute of Environmental Health Sciences Grant Planning

Andres Viles, MSN, RN

On December 5, 2016, The Office of Interprofessional Simulation (OIPS) team members Dr. Marjorie Lee White, Dr. Dawn Taylor-Peterson and Andres Viles attended a meeting for the Deep South Biosafety Worker Training Program (WTP), of which they are members. The Deep South Biosafety WTP is one of eight institutions funded by the National Institute of Environmental Health Sciences (NIEHS). The aforementioned OIPS team members are listed on the NIEHS grant. The Deep South Biosafety WTP is a multi-state geographical partnership between the UAB School of Public Health (SOPH), UAB School of Medicine (SOM) the University of Mississippi Medical Center (UMMC), and the Alabama Fire College's Workplace Safety Training (WST) Program. The program provides awareness, operations, and train-the-trainer level courses for healthcare and public safety workers throughout Alabama, Mississippi and the Florida panhandle. The mission of this program is to equip healthcare and public safety workers in the deep south with the skills and knowledge to protect themselves from potential exposure to contaminated materials or infected individuals they may encounter.

For more information, please visit <https://www.soph.uab.edu/dsb/>.

---

## Ob/gyn Vimedix Training

David Becker, MD, Ob/gyn Resident

Simulation is a core component of our Ob/gyn residency program. We have simulations for hysterectomies, laparoscopic surgery, postpartum hemorrhage, shoulder dystocia, critical care medicine, and others. Earlier this year, we were able to procure the OBGYN Vimedix, which is an innovative ultrasound simulator. Access to an ultrasound simulator is an exciting opportunity for our residency that did not previously exist, and the ability to develop our ultrasound skills in a comfortable environment will prove to be a terrific asset for our residents. The simulator is phenomenal and allows for the identification of both normal and abnormal findings. I can speak for all our residents when I say that we are very thankful for this opportunity.



Special thanks to the Health Services Foundation - General Endowment Fund (HSF-GEF) for providing funds to purchase this simulator. For more information about the simulator, please check out the website: [www.uab.edu/simulation](http://www.uab.edu/simulation).

---

## UAB Pop-In Series

Lisa Bagby, MSN, RN

On November 29, OIPS hosted a simulation and informational session for the UAB Pop-In Series. The series uses small group interactions and experiences to allow faculty and staff to network with other departments and get a glimpse of projects and research occurring across UAB. OIPS gave an overview of simulation and how simulation is utilized at UAB. The participants then experienced two sessions focused on different simulation modalities. The first session introduced the participants to the theoretical underpinnings of simulation based procedural training. Participants were then able to try a hands-on procedure of suturing while their peers practiced coaching and feedback skills. Participants then moved to another station where they experienced an immersive simulation that involved basic cardiopulmonary resuscitation skill deployment.

Participants were excited to be involved in the hands-on experiences and to explore how simulation is utilized at UAB. For more information about the Pop-In series, please see: <http://www.uab.edu/faculty/announcements/239-pop-ins>.



## SimShare: Educational Networking

Shawn Galin, PhD

In early December, the Office of Standardized Patient Education (OSPE) was honored to host the last SimShare of 2016. SimShare is the convening of the simulation educator networking group which includes faculty and staff from OIPS, OSPE, the Pediatric Simulation Center, the School of Nursing Simulation Lab, and the VA Simulation Center. SimShare provides an ideal format to discuss current and future simulation-based projects and research ideas which fosters constructive feedback and collaborations between the teams. At this meeting, educators from OSPE and OIPS were in attendance and discussed the challenges and successes in their current simulation projects and areas of research. It was also a great opportunity to welcome Yaseen Najjar, MD to UAB for his pre-residency training in simulation and to introduce him to other members of the simulation community.



## Institute for Healthcare Improvement's (IHI) 28th Annual National Forum

Charlie Prince



OIPS Director of Operations, Charlie Prince, attended the 28th Annual IHI National Forum in Orlando, Florida, December 4-7. The conference offered workshops, lectures, panels, posters, and keynote speakers all centered around improving patient care, quality improvement, and patient safety. Being a graduate of UAB's Quality Academy and currently pursuing a Master's degree in Healthcare Quality & Safety at UAB, this conference was of special interest to Charlie, in seeking answers to how simulation can work to improve patient outcomes, improve teamwork and communication, and to better our healthcare system. Charlie attended

multiple pre-conference learning labs and conference sessions centered around such topics.

The conference had engaging plenary speakers, and Dr. Donald Berwick delivered a powerful and delightful closing keynote speech about changing the balance of power in healthcare to empower patients. The Orlando hospital emergency department team that responded and cared for the victims of the Pulse nightclub mass shooting in 2015 also attended the conference and delivered a moving and powerful message about the need for emergency management training and their experience and lessons learned through that horrific ordeal.

Charlie also attended the Exhibit Hall and made some wonderful contacts with AHRQ, Vizient, the

developer and author of QI Macros - Jay Arthur, as well as many other companies and organizations affiliated with quality improvement and patient safety.

Overall, this was a great conference - very well organized, insightful speakers, useful workshops and sessions, and lots of great people who are striving to deliver the best healthcare that can be achieved. One quote from Donald Berwick that stuck with Charlie from this conference, as relayed by one of the session presenters, was that "Some is not a number, soon is not a time, and hope is not a plan."

## OphthoSim - Ophthalmoscopy Trainer

Brandon Smith, MS

OIPS recently purchased an OphthoSim ophthalmoscopy training and simulation unit that provides the opportunity for learners to practice ophthalmoscopic techniques in a hands-on simulated environment. The included software database contains over two hundred clinical scenarios with high-fidelity images in an interactive format. The simulator contains a base unit, eye piece, instrumented ophthalmoscope, control box, software package, manual on USB key and protective hard cases. The user interacts with the software using a computer monitor. Users learn ophthalmoscopic/funduscopy diagnostic skills using the interactive ophthalmoscope from a collection of normal eye anatomies and pathologies including diabetic retinopathy, glaucoma and trauma. The system tests the learners' anatomy and clinical knowledge through quizzes and self-examinations. The OphthoSim teaches instrument use, retinal feature identification, and diagnosis of eye pathologies. The OphthoSim will allow learners to practice and improve ophthalmoscopic techniques and enhance the training in diagnosing and treating eye pathologies at UAB.



## OIPS Team Member Highlight - Yaseen Najjar



Yaseen Najjar is from Jeddah, Saudi Arabia and is a Pre-Residency Trainee with the UAB School of Medicine. The program is part of International Medical Education and is designed to provide skilled and qualified international physicians with clinical and research experience. It also provides an education of the U.S. medical system as trainees participate and work with students, researchers and physicians. Trainees gain experience and receive career counseling, coaching, and development to increase their chances of being accepted to a residency program through the National Match program. Yaseen's program involves experience

and participation in simulation where he develops knowledge in scenario design, debriefing, embedded simulation person training, and current simulation practices.

Yaseen attended King Abdulaziz University where he earned his Faculty of Medicine, MBBS (pre-

graduate) degree. He comes from a large family with many brothers, sisters, nieces & nephews. Yaseen enjoys working on cars and swimming, and his favorite thing to read is Motor Trend On Demand. His hobbies include spending free time with his family in their home and working on the house. Yaseen's favorite food is seafood & sushi, and he is spending his vacation with his family exploring Birmingham and the surrounding areas. He can also be found on Instagram.

We are excited to have Yaseen contribute to simulation at UAB and grateful for the opportunity to partner with the Pre-Residency Training Program. For more information about the Pre-Residency Training program, please see <http://www.uab.edu/medicine/international/international-students/pre-residency-training-programs>.

## Important Dates

January 13, 2017

[ESP Workshop](#)

January 19, 2017

[DASH© Series](#)

January 24, 2017

[Sim 1](#)

January 25, 2017

[SimConnect](#)

January 28 - February 1, 2016

[International Meeting on Simulation in Healthcare](#)

February 6, 2017

[SimShare](#)

February 16, 2017

[Sim 2](#)

February 22, 2017

[SimConnect](#)

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



Top Rows (left to right): Andres Viles (Simulation Coordinator Senior), Brandon Smith (Clinical Simulation Specialist), Lisa Bagby (Director of Procedural Simulations), Ben Whitaker (Clinical Simulation Specialist), April Belle (Director of In Situ Simulations), Kelly Markham (Administrative Associate), Betty Farley (Program Director III), Brian Mezzell (Program Administrator II), Brad Bertke (Program Coordinator I), David Mathews (Clinical Simulation Equipment Technician), Erin Blanchard (Simulation Educator Senior), Marjorie Lee White (Director)

Seated (left to right): Tyler Burks (Clinical Simulation Specialist), Amanda Gargus (Clinical Simulation Specialist), Shilpa Register (Director of Research), Dawn Taylor Peterson (Director, Faculty Development & Training), Charlie Prince (Director of Operations)

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



Join Our Mailing List