



Indiana University Health



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SCHOOL OF MEDICINE



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# The Simulation Quarterly

## The Simulation Center at Fairbanks Hall

Volume 2, Issue 2 - Summer 2022



### Welcome back!

Hello to everyone, and happy summer! As the weather heats up, the simulations are still going strong. Whether you're enjoying a bit of a break or just now gearing up for your busy time of year, the simulation center is here for all of your needs. In this quarter's newsletter, we'll be kicking off another mini-series about simulation education offerings for simulationists. Whether you're interested in learning some new skills or brushing up on existing ones, there'll be something for everyone. Please also take note of our survey below; we're still collecting data to assist in our reaccreditation process, and we'd love to hear from you!



## **Faculty Development Day: Continuing Education in Simulation**

Now that we've wrapped up our mini-series on simulation during the COVID-19 pandemic, we're moving on to a new topic: continuing education in simulation. No matter how much experience you have with simulation, you're here because you're interested in learning more about it! Perhaps you've wished you could learn more about simulation or hone your existing skills but are unable to attend a multi-day conference to add to your knowledge base. The sim center offers multiple options to learn about different aspects of healthcare simulation closer to home and with more flexibility. This quarter, we're going to take a closer look at one of our biggest options for continuing education in simulation: faculty development day.

First of all, what is faculty development day? This is a one-day program we host at least once a year at the sim center where we cover topics such as simulation technology, standards of best practice, running a simulation, and debriefing. The day consists of both lectures and hands-on activities and is geared towards faculty who are incorporating simulation as part of their curriculum and any staff who are involved with simulation in all areas. The morning begins with an introduction to simulation in general, which is followed by an orientation to some of the modalities of simulation. You'll get to chat with a standardized patient (SP) and experience what learners do when they come here for an SP encounter. You'll be introduced to one of our high-fidelity manikins and have the opportunity to see how it's operated and what it can be used for. In the afternoon, you'll learn about different methods of debriefing and have the chance to test them out for yourself, reflecting on your own debriefing methods and how you can use them most effectively.

This day at the center is valuable for simulationists of all levels of experience. If you're new to sim, it can give you a good grasp on what we offer at the center and what kinds of modalities are available to help you meet your learning objectives. If you have more experience, it can help you take your debriefing to the next level and give you a chance for self-reflection on the effectiveness of your methods. You'll also get to meet like-minded simulationists and make connections with colleagues.

The next faculty development day will be August 12, 2022. Please feel free to contact the simulation center if you're interested in attending!

Have you attended a faculty development day? Reach out and let us know what you thought! We'd love to hear from you.

Keep an eye out for next quarter, when we'll discuss the Society for Simulation in Healthcare's CHSE and CHSOS certifications!



Our center is up for reaccreditation with the Society for Simulation in Healthcare! Help us prepare for this important process by filling out the instructor survey below, and keep your eye out for participant surveys when you visit the center for your simulations.

**Fill out our survey here!**



### Equipment Spotlight

The next manikin in our equipment series is the Laerdal SimBaby. This manikin represents a nine-month-old pediatric patient and offers the opportunity for a wide range of interventions. The SimBaby is another of our high-fidelity manikins, so it includes heart and lung sounds, a variety of vocals, and the option for muscle tone and movement. In addition, SimBaby has adjustable pupils, palpable pulses, a fontanelle that can bulge, and the ability to seize. There's a wide range of airway features as well; SimBaby can be intubated, ventilated, and receive an LMA or gastric tube. Our SimBaby also links up to the ASL (a breathing simulator) for the ability to simulate a peds patient on a ventilator. With all of these features and more, feel free to ask how you can use SimBaby for your future simulation cases!

### Write to Us!

Do you have a story about how simulation directly impacted you or one of your participants in your work outside of the simulation center? We'd love to hear it! Share your simulation success story with Sarah at [stam@iuhealth.org](mailto:stam@iuhealth.org) for a chance to be featured in an upcoming newsletter.



### Meet the Staff

This quarter's featured employee is



Chassity Mays, one of the Simulation Project Managers at the center and a CHSOS-A (one of only 29 in the world!). She is also currently in the National League for Nursing Leadership Academy for Simulation Educators. Chass has worked in simulation for 8 years, getting her start when she was asked to teach a class on aseptic technique to medical students while working as a nurse at Riley Children's Hospital in the operating room. Chass says, "During my time at the simulation center, I became fascinated by simulation and its mission. In the OR, I was a preceptor to students and new hires; simulation seemed like a great way to combine my love for nursing and teaching. So when a job opened up, I applied, and the rest is history!" Chass enjoys having the opportunity to provide feedback to students and their educators in order to modify behaviors that will greatly impact patient safety. She adds, "I love creating a safe learning environment where students are free to correct mistakes and reflectively think on their actions. It gives learners an opportunity to practice critical skills in a controlled environment." Coming from the OR where she was trained on a specific set of skills, Chass also appreciates the opportunity to participate in and facilitate simulations from all types of disciplines. Thanks to Chass for all of her hard work here at the center! Check back next quarter to meet another member of the team at the simulation center.



### Want to share your ideas?

We're always looking for contributions to our newsletter. If you have thoughts you'd like to share, an announcement or event to let everyone know about, or a journal article to feature, please reach out to the editor at [stam@iuhealth.org](mailto:stam@iuhealth.org). We look forward to hearing from you!

## Where in the world is the simulation team?



In April, Chassity Mays, Rachell Laughlin, and Sarah Tam



presented “The Future is Here: Healthcare Education through Simulation” at the HOSA conference. They spoke to a group of high school students interested in pursuing careers in healthcare about what healthcare simulation is, where it came from, and some of the opportunities it provides. After the main presentation, they invited the attendees up to check out some task trainers and manikins and fielded questions from interested high schoolers.



Rachell Laughlin and Sarah Tam preparing to present at HOSA with Chassity Mays (not pictured)

### Looking for a community?

If you're searching for like-minded people, as well as a place to catch up on all things simulation, join the Central Indiana Simulation Consortium! The Consortium connects you to other folks working in simulation and serves as a massive resource whether you're firmly established or just starting out. For more information, contact Johnny Cartwright at [jfcartwr@iu.edu](mailto:jfcartwr@iu.edu) and Julie Poore at [jpoore@iuhealth.org](mailto:jpoore@iuhealth.org).

### Quarterly Journal Club

The spring journal club, led by Noël Outland and Brandon Alstott, delved into feedback in standardized patient (SP) encounters. [The first of the two articles](#) dealt with the impact that giving both verbal and written feedback had on the professional behavior of PT students, finding that the encounter boosted the self-efficacy of the participants. [The second article](#) examined the reliability and validity of checklists filled out by SPs participating in a breaking bad news encounter. This study found that a well-trained SP can provide a reliable, standardized assessment of a learner.

[Sign up for next quarter's journal club here!](#)

### Stay Up to Date!

Never miss an issue! Subscribe to our newsletter to receive all of the latest simulation center news, simulation innovations, research

highlights, and more. Email [stam@iuhealth.org](mailto:stam@iuhealth.org) for more information.

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