

# The Medical Record

Simulation Education for Improved Professional Practice

A Newsletter of the Richard A. Henson Medical Simulation Center • Salisbury University

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## Welcome!

Thank you for your interest in Salisbury University's Richard A. Henson Medical Simulation Center. The Sim Center is located just south of main campus on Pine Bluff Road. This quarterly newsletter is designed to keep faculty and interested parties abreast of the happenings at the Sim Center. If you are interested in using the facilities for any of your educational needs or have any questions, comments or concerns, please feel free to contact us at the directory information listed in this publication.



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## Spotlight

The Simulation Center announces its newest arrival: Newborn Hal #2. He weighs 5 pounds and 1 ounce and is 22.5 inches long!

Hal is a high-fidelity (meaning "as real as it gets") newborn manikin that is manipulated by instructors remotely, enabling the instructors to control the simulation away from where the students are learning. The software provides monitor displays of physiologically appropriate vital signs students view, interpret and act upon to care for their "patient." The physiologically modeled data can provide ECG output, respiratory rate, blood pressure, oxygen saturation and heart rate. In addition to the data seen on the monitors, the manikin is able to cry and grunt, produce life-like breath sounds, heart sounds, palpable fontanels (soft spots on the head of a newborn) and a palpable umbilical pulse among many other physical signs and symptoms it can display.

This integrated software also comes with factory-developed scenarios, such as healthy baby, asphyxia, pneumothorax, transient tachypnea, meconium aspiration syndrome and mild

respiratory distress syndrome. Instructors and simulation specialists also have the ability to create and save unique scenarios for personalized learning experiences.

Another one of his unique features is the ability to insert intraosseous access in the tibia for the infusion of fluids, blood or medications. Baby Hal is housed in the NICU and is ready to show you all that he can do.



## Meet the Simulation Center Staff

I'm **Deanna Schloemer** and I am the Graduate Research Assistant (GRA) for the Nursing Department. I graduated from SU with my B.S. in nursing in 2008. I



am currently enrolled in the B.S.-to-D.N.P. Program in the Family Nurse Practitioner Track. I have worked as a Registered Nurse in long-term care at PRMC and done a bit of travel nursing in Baltimore. I am currently working as a telemetry nurse at PRMC when I am not busy at school.

I'm **Catherine Neighbors** and I am a graduate student in the Applied Health Physiology Program and the GRA for the Health Sciences Department. I



earned my B.S. in kinesiology from the University of Maryland College Park in 2012. I am a second year master's student in the Applied Health Physiology Program, with a strong interest in clinical research and high hopes for continuing my education at the doctoral level. Currently, I work with Dr. Tom Pellingier in the Human Performance Lab working to understand changes in vascular perfusion in individuals with Type II diabetes.

# PRMC After Hours Event

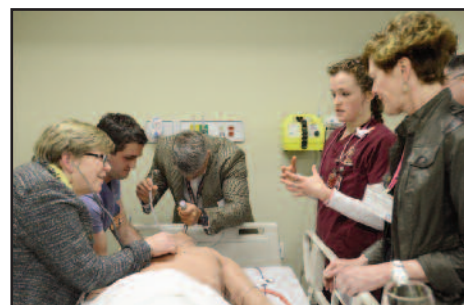


On February 27, the Richard A. Henson Medical Simulation Center hosted its first after hours event. This event was hosted by Dr. Chris Snyder, Peninsula Regional Medical Center's chief medical information officer, Stefanie Gordy, Salisbury University Foundation, Dr. Lisa Seldomridge, chair of the Nursing Department, and Dr. Robert Joyner, associate dean of the Henson School of Science and Technology.

Attendees of the event were providers and executives at PRMC, members of the Henson Foundation and members of the SU Foundation. In the manikin simulation rooms, a faculty member, a respiratory therapy student and a nursing student were present to showcase the manikins and talk about their experiences at the Sim Center. In each of the psych/mental health rooms, a faculty member, a nursing student and a standardized patient (trained actor who portrays various mental health disorders) were present while a video played a compilation of that actor's simulations. In the human performance lab, a faculty member was present with applied health physiology students to answer questions about current research being done and classes that are taken at the Henson Simulation Center.

The event lasted approximately two hours and some 20 guests were taken

through the center. Many guests exclaimed: "I had no idea this even existed!" After such an event, not only do organizers hope that the attendees will know more about the invaluable experiences that Salisbury University has to offer its students, but that they will also be aware of the many professional development opportunities for regional health care providers and human performance services to local citizens. A big thank you goes out to everyone that helped to make this event such a success.



## Supply Room Organization: An Integral Part of Simulations

Supply rooms in the hospital and other medical settings are an important part of everyday life. As you can see from the images, finding a single item can be a nightmare. Strict organization is important for the patients and the center utilizes a system familiar to anyone who works in a medical setting. Many sizes of clear plastic bins are present on the various sets of custom shelving. All the supplies have been placed into the bins and grouped by body system. For example, all of the respiratory supplies are on the

same shelf. There are also signs on the ends of the shelves describing what can be found down each aisle. Each bin is marked with a typed, easy-to-read label.

This simple system makes it easy for each class that uses the Sim Center to find the supplies they need. Finding the right supplies in a timely manner is a vital aspect of patient care in a real-life setting, so integrating this aspect of care into simulations is likewise critical. Look for an inventory control system to be implemented soon. Next time you are at

the Sim Center, ask to see the supply room. We are very proud of this little-known complexity of health care.



## Upcoming Events

Sim Center staff and SU nursing faculty Dr. Bill Campbell and Professor Nancy Smith are preparing simulations for use this semester, including a child abuse scenario, an asthma scenario, a vaccine administration simulation and a safety safari (inspection of a child's hospital room). Also this semester, the center will host maternal/newborn nursing simulations, blending high-fidelity simulators and standardized patients for a women's health interview and a newborn baby simulation

for students in Drs. Michele Bracken, Rita Nutt and Professor Michell Jordan's classes.

In April, the center hosted a tour for the Peninsula General Hospital School of Nursing alumni. The center also will be hosting BLS (CPR) classes for Bay Shore Services this spring. In May, the Eastern Shore Faculty Academy and Mentorship Initiative (ES-FAMI) will hold simulated clinical teaching encounters, focus groups and mentoring workshops. ES-FAMI is a collaborative effort among the

departments of nursing at Salisbury University, Chesapeake College and Sojourner-Douglass College to train experienced B.S.- and M.S.-prepared registered nurses for new roles as part-time clinical nursing faculty. This summer, the center staff look forward to a visit from the Girl Scouts of America. The Richard A. Henson Medical Simulation Center is a busy place in the upcoming months, but there is still plenty of time and space available for new events.

[www.salisbury.edu/henson/simcenter](http://www.salisbury.edu/henson/simcenter)