

The Medical Record

Simulation Education for Improved Professional Practice

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

Volume 2, Issue 2 | Winter 2017

Welcome!

Thank you for your interest in the Richard A. Henson Medical Simulation Center at Salisbury University. We are located just south of main campus on Pine Bluff Road. This newsletter is designed to keep faculty, students and friends informed about events at the Sim Center. If you are interested in using our facilities for any of your educational needs, or have questions or comments, please feel free to contact us at the directory information listed below.



Richard A. Henson
Medical Simulation
Center:
106 Pine Bluff Road,
Salisbury, MD 21801
simcenter@salisbury.edu
410-546-2460

New Staff

Brad Hauck is the newly hired program director of the Eastern Shore – Faculty Academy and Mentorship Initiative (ES-FAMI) for the Department of Nursing. ES-FAMI is a hybrid training program to prepare expert nurses as part-time clinical faculty for nursing programs on the Eastern Shore of Maryland. A collaboration between Salisbury University, Wor-Wic and Chesapeake colleges, Atlantic General Hospital, Peninsula Regional Medical Center, and University of Maryland Shore Regional Health, this program has received over \$2.6 million in funding from the Maryland Higher Education Commission Nurse Support II Program. The program blends online instruction, simulations with standardized “students” and a year-long mentorship. Hauck graduated from University of Maryland Baltimore County in 2011 with a Bachelor of Science in biology and continued to obtain a master’s in health science from Saint Francis University in 2013. Born and raised in Linthicum, MD, Hauck



previously worked at Johns Hopkins Hospital for the Central Nursing Administration as well as managing a local optometrist’s office during college. Hauck enjoys spending time outdoors hiking and playing sports. His office phone number is 410-546-2463 in the Henson Medical Simulation Center.

Alicia Zahn, program management specialist, joined ES-FAMI in September 2016 and has been essential in the expansion of the already successful efforts of the program. Zahn graduated from Salisbury University with a Bachelor of Arts in psychology in 2013. She is currently a graduate student at Wilmington University in her final year of pursuing a Master of Science in clinical mental health counseling. Zahn has been essential in launching the one-to-one mentorship aspect of ES-FAMI and in training standardized “students” used in ES-FAMI simulations. Her office phone number is 410-546-2463 in the Henson Medical Simulation Center.



Medical Careers Club

Salisbury University’s Medical Careers Club visited the simulation center to learn about the value of simulation in healthcare academics and to participate in several hands-on healthcare simulation experiences. The members of the Medical Careers Club are SU students with an interest in a variety of medical careers, including medical doctors, pharmacists and physician assistants.

During a tour of our facilities, students were introduced to each of our high-fidelity manikins where they had the opportunity to palpate pulses, listen to breath sounds, and observe chest rise, cyanosis, and seizures. The students discussed the value of these experiences to healthcare learning, commenting on students’ opportunities to bridge the gap between classroom lectures and clinical application.

We received wonderful feedback from the members of the Medical Careers Club, indicating that their time spent with us was informative, stimulating and enjoyable. We thank Sarah Mahmoud (student president, SU Medical Careers Club) for coordinating this event. We look forward to hosting this group of students again in the future.

Salisbury
UNIVERSITY

www.salisbury.edu/henson/simcenter

Spotlight: Expansion of Our Space

As many of you have been aware, we have been in desperate need of more space for the work that occurs in the simulation center. We have been in particular need for office space, classrooms and debriefing areas. In December 2015, we were fortunate to be offered the ability to expand into the office space directly adjacent to the current simulation center, and for the past year, we have been working to incorporate this space to fulfill our growing needs.

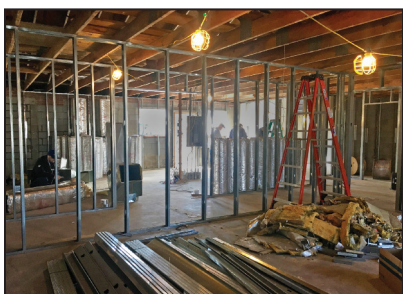
The construction process began during summer 2016 and continued through January 2017. We have been fortunate to have Richard Stack from Salisbury University's Architectural and Engineering Services back on board for this project, as he was responsible for

the planning and supervision of the original simulation center space. With his help, and the work of Delmarva Veteran Builders and Spicer Brothers Construction, we have achieved a space that we believe is both beautiful and functional.

The new space contains an expanded lobby that includes additional waiting area seating and a centralized printing station. There is a large office where two staff members of the Eastern Shore - Faculty Academy Mentorship Initiative (ES-FAMI) will reside. There is additional storage space for both simulation and teaching supplies. We are most excited about the new debriefing and classroom space. The debriefing space has seating for approximately 12

people and is equipped with a high-definition monitor, video conferencing capabilities, room-darkening shades and dimmable overhead lights. The new classroom has seating for approximately 20 and is equipped with LearningSpace®-capable cameras and microphones, a wireless overhead projector, a whiteboard, and dimmable overhead lights. In addition, one of the existing control rooms was converted into a multi-purpose office/control room space. And all of the new spaces are being protected by a new roof.

The new space became available for use at the beginning of the spring 2017 semester. We look forward to expanding simulation activities for students and area healthcare professionals.



The Sim Center Saves the Day

What can health professions education programs do when planned clinical experiences within healthcare organizations are unexpectedly cancelled? Fortunately for Salisbury University students, they could turn to simulation activities to continue clinical education without missing a beat! For two weeks in late October 2016, the Sim Center accommodated 92 beginning nursing students enrolled in NURS 311 Care of Adults 1 Clinical, 32 students enrolled in NURS 361 Care of Children, 32 students enrolled in NURS 371 Maternity Clinical, 96 students enrolled in NURS 381 Psych/Mental Health Clinical, 20 students enrolled in NURS

485/RESP 485 Multi-professional Approach to Critical Care, and 21 students enrolled in RESP 401 Neonatal and Pediatric Respiratory Care, the largest number of students in the history of the Sim Center to be engaging concurrently in high-fidelity and standardized patient simulations. The weekly grand total of student contacts was 293.

For NURS 311 Adult Health Clinical students, it was their first opportunity to learn at the sim center, having experiences performing a 60 second environmental and patient safety scan, providing post-operative care for a patient who had just undergone surgery

to remove a perforated appendix and caring for an older adult who was hospitalized with pneumonia. NURS 311 students commented on how much they learned by watching other students engage in a simulated patient encounter by being in the simulation themselves and learning in a place where they could make mistakes without hurting anyone. One student noted: "I will be much more prepared to go into the hospital and take care of a real patient after two weeks at the sim center. Now I know where to start in organizing my care and what I should be doing. I can't wait to come back!"

ES-FAMI Program

Eastern Shore - Faculty Academy and Mentorship Initiative, or ES-FAMI, is a grant-funded program originally developed in 2011 to support the development of nursing faculty across the State of Maryland. In its current inception, it is comprised of the efforts of multiple nursing departments at local colleges and healthcare organizations. These colleges and organizations include Salisbury University, Wor-Wic Community College, Chesapeake College, Atlantic General Hospital, Peninsula Regional Medical Center and University of Maryland Shore Regional Health. The main focus of the 30-hour hybrid academy experience is to educate nurses with a B.S. or M.S. on how to become effective part-time clinical faculty in order to address the nursing shortage. Increasing racial and cultural diversity, advocating higher degree attainment, and increasing the availability of faculty with knowledge in high-demand specialties are additional objectives.

Most of the academy coursework is delivered online with the addition of three in-person meetings held at the Henson Medical Simulation Center. The first meeting is a program orientation, followed by the hands-on simulation session halfway through the course. This hands-on simulation utilizes the simulation center's clinical environment and high-fidelity, remote-controlled medical manikins along with

actors portraying students to provide opportunities to apply and review what has been learned. In the final in-person meeting, there is a focus group to get feedback about the program and group mentoring activities.

New in 2016 is a one-to-one mentorship, pairing each ES-FAMI graduate with a practiced nursing faculty member for a year-long experience. The extended mentorship was added to the ES-FAMI program based on data from 70 graduates that indicated a need for additional support during their transition from clinician to teacher. This individualized mentorship is tailored to meet the needs of each ES-FAMI graduate and assist them through their first teaching assignments. Faculty mentors come from the nursing programs at SU and Chesapeake and Wor-Wic colleges. This mentorship will continue as an integral part of the ES-FAMI experience to support and enhance academy learning.

Academy sessions are held biannually, in January for the winter and May for the spring. The 2017 winter academy is currently underway. Applications are being accepted for the spring academy running May 16, 2017, through June 13, 2017. Application deadline is February 24, 2017. See the ES-FAMI webpage on Salisbury University's website for more information: www.salisbury.edu/nursing/academy/default.html.

PUBLICATIONS IN PEER REVIEWED JOURNALS

- Pellinger, T.K., Pearce, C.B., Simmons, G.H., and Snitzer, J.L. (2017). Postexercise hemodynamics in patients with type 2 diabetes: effect of exercise intensity and duration. *Journal of Clinical Exercise Physiology*, 6 (1) [in press].
- Hinderer, K.A., Jarosinski, J.M., Seldomridge, L.A., & Reid, T.P. (2016). From expert clinician to nurse educator: Outcomes of a faculty academy initiative. *Nurse Educator*, 41(4), 194-198. doi: 10.1097/NNE.0000000000000243.
- Hinderer, K., Klima, D., Truong, H., Rangel, A.G., Brown, V., Talley, W., Dougherty, P., & Joyner, R.L. (2016). Faculty perceptions, knowledge, and attitudes toward interprofessional education and practice. *Journal of Allied Health*, 45, e1-e4
- Jarosinski, J. & Webster, D. (2016). Acting with a purpose: Lived experiences of standardized patients portraying mental illness. *Clinical Simulation in Nursing*, 12(2), 539-545. doi: 10.1016/j.ecns.2016.08.005.
- Klima, D., Hinderer, K., Freda, K., Winter, D., & Joyner, R. (2014) Interprofessional collaboration between two rural institutions: A simulated teaching laboratory paradigm. *Respiratory Care Education Annual*, 23, 45-4.
- Hinderer, K., & Joyner, R., (2014). An interprofessional approach to undergraduate critical care education. *Journal of Nursing Education*, 53(3), S46-50.
- Webster, D., & DiBartolo, M. (2014). Using a standardized patient learning activity to teach baccalaureate nursing students about dementia care. *Nurse Educator*, 39(3), 103-104.
- Webster, D. (2014). Using standardized patients to teach therapeutic communication in psychiatric nursing. *Clinical Simulation in Nursing*, 10(2), e81-e86.
- Webster, D. (2013). Promoting therapeutic communication and patient-centered care using standardized patients. *The Journal of Nursing Education*. 52(11), 645-648.
- Webster, D., Seldomridge, L., & Rockelli, L. (2012). Making it real: Using standardized patients to bring case studies to life. *Journal of Psychosocial Nursing and Mental Health Services*, 50(5), 36-41.

Seldomridge Completes Maryland Clinical Simulation Resource Consortium Train the Trainer Program

Dr. Lisa Seldomridge, director of Graduate and Second Degree Nursing Programs and co-director of the Henson Medical Simulation Center, recently completed the Maryland Clinical Simulation Resource Consortium (MCSRC) Train the Trainer Program at Montgomery College, Takoma Park, MD. The Simulation Education Leadership Program was

designed to increase simulation knowledge, enhance the use of various kinds of simulation, and improve the quality of nursing simulations in academic and clinical practice settings. The three-day workshop focused on best practices in simulation design, implementation and evaluation with the ultimate goals of formal integration of simulation into nursing curricula,

adoption of theory-based methods of debriefing, and simulation evaluation. Participants represented seven universities, 15 community colleges and five hospitals from across Maryland. For more information on this initiative visit <http://cms.montgomerycollege.edu/mcsrc/>.

PRESENTATIONS AT NATIONAL AND INTERNATIONAL CONFERENCES

- Nutt, R. (2016). Improving intimate partner violence (IPV) screening through the use of standardized patients. *AWHONN National Convention*. Dallas, TX.
- Pellinger, T., Pearce, C., & Simmons, G. (2016). Influence of acute lower limb heating on clinical measures and functional capacity in peripheral artery disease. *The FASEB Journal*, 30 (1 Supplement), 954.8. *National Meeting of Experimental Biology*. San Diego, CA.
- Reid, T., Hinderer, K., Seldomridge, L. & Jarosinski, J. (2016). Using simulation-based activities to prepare expert clinicians as adjunct nursing faculty. *NETNEP 6th International Nurse Education Conference*. Brisbane, Australia.
- Seldomridge, L.A., Jarosinski, J.M., Reid, T.P., & Hinderer, K.A., (2016). Eastern Shore Faculty Academy and Mentorship Initiative (ESFAMI): A hybrid experience to develop expert clinicians as clinical faculty. *Maryland Action Coalition Summit*. Baltimore, MD.
- Webster, D. & Jarosinski, J. (2016). Toolkits and standardized patient experiences: Developing core psychiatric nursing skills. *2016 EDU-SIM Transforming the Educational Landscape; Simulation, Innovation, and Technology*. Clearwater, FL.
- Webster, D.A., Seldomridge, L.A. & Jarosinski, J.M. (2016). Advancing education transformation: Toolkits and standardized patients to teach essential psychiatric mental health nursing skills. *Maryland Action Coalition Summit*. Baltimore, MD.
- Campbell, W.T. (2015). Nursing Simulation: It's not just for skills anymore. *Leadership Poster Session presented at the 43rd Biennial Convention of Sigma Theta Tau International*. Las Vegas, NV.
- Jarosinski, J., Reid, T., Hinderer, K. & Seldomridge, L. (2015). Developing expert clinicians into clinical faculty: A mentoring-teaching experience. *Sigma Theta Tau International Research Congress*. San Juan, Puerto Rico.
- Nutt, R. (2015). Standardized patients enhance undergraduate nursing students' intimate partner violence (IPV) screening skills. *AWHONN National Convention*. Orlando, FL.
- Nutt, R. (2015). Student perceptions of a standardized patient experience to enhance intimate partner violence screening. *S.T.O.R.K. Day*. Christiana, DE.
- Nutt, R. (2015). The use of standardized patients to enhance undergraduate nursing students' intimate partner violence (IPV) screening skills. *AWHONN National Convention*. Long Beach, CA.
- Seldomridge, L., Reid, T., Jarosinski, J. & Hinderer, K. (2015). Strategies for developing expert clinicians into clinical faculty: Lessons learned from a hybrid faculty academy experience. *Sigma Theta Tau Biennial Convention*. Las Vegas, NV.
- Webster, D.A. (2015). Toolkits and standardized patient experiences. *Maryland Nurses Association Annual Conference*. Linthicum, MD.
- DiBartolo, M. C., & Webster, D. A. (2014). Using a standardized patient experience to teach communication skills in dementia care. *Alzheimer's Association International Conference*, Copenhagen, Denmark.
- Hinderer, K., Guerra, A., Talley, W., Hogue, G.L., Joyner, R.L., Klima, D., Parker, D., Brown, V., Dougherty, P., Riker, G., & Truong, H. (2014). Our journey to interprofessionalism: The Eastern Shore Collaboration for Interprofessional Education (ESCIPE) experience. *2014 Fall IPEC Institute: Interprofessional Education: Building a Framework for Collaboration*. Herndon, VA.
- Pellinger, T., Neighbors, C., & Snitzer, J. (2014). Systemic and lower limb hemodynamics following dynamic exercise in type 2 diabetics: Effects of exercise intensity and duration. *National Meeting of Experimental Biology*. San Diego, CA.
- Webster, D. (2014). Standardized patients in psychiatric nursing: Emphasizing quality patient-centered care and safety while teaching communication. *Quality and Safety Education for Nurses (QSEN) National Forum*. Baltimore, MD.
- Hinderer, K., Reid, T., Jarosinski, J., & Seldomridge, L. (2013). Clinician to educator: Integrating simulation in a hybrid continuing education course. *3rd Annual Teaching with Technology Conference - Salisbury University*. Salisbury, MD.
- Webster, D. (2013). Patient and family centered care: A standardized patient experience in the mental health setting. *Annual Conference for Quality and Safety Education for Nurse (QSEN)*. Atlanta, GA.
- Webster, D. (2013). Patient-centered care: A standardized patient experience in mental health. *University of Maryland Educators Conference*. Baltimore, MD.
- Hinderer, K. & Joyner R. L. (2012). Building our future: Multi-professional critical care education. *NETNEP 2012 4th International Nurse Education Conference*. Baltimore, MD.
- Joyner, R. L. & Hinderer, K. (2012). An initial experience with an undergraduate critical care course. *2012 American Thoracic Society International Conference*. San Francisco, CA.
- Rockelli, L.A., & Webster, D.A. (2011). Lights, camera, action: Standardized patients and psychiatric nursing students. *22nd Annual Nurse Educators Conference in the Rockies*. Beaver Run Resort, Breckenridge, CO.
- Webster, D., & Rockelli, L. (2011). An innovative approach to teaching communication and assessment skills: Using standardized patients to portray Post-Traumatic Stress Disorder. *Association of Standardized Patient Educators (ASPE)*. Nashville, TN.
- Webster, D., Rockelli, L., & Seldomridge, L. (2011). Take One: Lessons learned from the implementation of a standardized patient experience for Psychiatric Nursing students. *Association of Standardized Patient Educators (ASPE)*. Nashville, TN.
- Webster, D., Rockelli, L., & Seldomridge, L. (2011). Using standardized patients to teach communication skills. *Association of Standardized Patient Educators (ASPE)*. Nashville, TN.

Institute of Retired Persons

Members of the Institute of Retired Persons learned how simulation technology is used in the education of today's healthcare professionals through a presentation at the MAC Center by Dr. Lisa Seldomridge, co-founder of the Henson Medical Simulation Center and Salisbury University professor of nursing. Participants took a virtual tour of the center and were introduced to the SU

human patient simulator family. Approximately 30 attendees discovered how "intelligent" manikins and their computerized programs simulate labor and birth; babies who are healthy, ill or experiencing complications of prematurity; and children and adults with various disease states and injuries, as future health care professionals learn how to work as a team while they develop excellent evaluation and treatment

techniques. Jim Valentine, an attendee, noted: "this was a most informative and well-organized presentation. We would like to plan a live tour of the SU Medical Simulation Center for our group in the future." Designed for adults aged 50 and above, the IRP offers programs to enlighten, educate and offer better understanding of the world.

Seldomridge and Reid Present in Brisbane, Australia

Recently, Drs. Lisa Seldomridge and Tina Reid, faculty in the Salisbury University Department of Nursing, presented at the NETNEP 2016: Sixth International Nurse Education Conference in Brisbane, Australia. Their paper, "Using Simulation-Based Activities to Prepare Expert Clinicians as Adjunct Nursing Faculty," was co-authored by Drs. Judy Jarosinski and Katie Hinderer, also SU nursing faculty. The presentation described the use of simulations in the Eastern Shore - Faculty Academy and Mentorship Initiative (ES-FAMI), a multi-modal educational experience for expert registered nurse clinicians who wanted to become adjunct nursing faculty.

NETNEP 2016 facilitates the sharing of knowledge and experience of nursing, midwifery and healthcare workforce education worldwide and is sponsored by the journals *Nurse Education Today*, *Nurse Education in Practice* and Elsevier Publishers. More than 500 nurses were in attendance.

While in Australia, Dr. Seldomridge met with nursing faculty at the University of Technology in Sydney to discuss use of medical simulation. She also toured the center, which serves over 1,000 students.

This presentation was supported by the Maryland Higher Education Commission Nurse Support-2 Program, SU Department of Nursing and SU Foundation.

