



2nd Annual You Bought the Manikin, Now What? Best Practices in Simulation Education

September 16 & 17, 2010
Embassy Suites Airport Hotel
204 Centreport Drive
Greensboro, NC 27409

September 16, 2010: 10:00 am – 4:30 pm (Check-in Time: 9:00 am)
September 17, 2010: 8:30 am – 3:00 pm (Check-in Time: 8:00 am)

Co-provided by:
Charlotte AHEC, Greensboro AHEC & Southern Regional AHEC

In Association with:
North Carolina AHEC Nurse Council & North Carolina Nurses Association

DESCRIPTION

Simulation is one of the most rapidly growing strategies in clinical education. The myriad of applications for educators in health care agencies and schools of nursing continues to grow. So how do you know that you're growing in the right direction? How do you keep from experiencing the same barriers and challenges that others have already confronted and solved? This conference is designed to present best practices in simulation education. The dual track format will focus on topics of special interest to academic educators and staff development / clinical educators. Feel free to move between tracks. There is also ample time for networking with presenters and colleagues.

TARGET AUDIENCE

All nurse educators (new and seasoned) in academic settings and health care agencies.

CREDIT

Earn up to 8.5 CNE contact hours

Southern Regional AHEC is an approved provider of continuing nursing education by the North Carolina Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

Partial credit issued by day.

AGENDA

Thursday, September 16, 2010

9:00 am Registration / Visit with Exhibitors

10:00 am **Welcome / Plenary**

10:15 – 11:15 am **Extreme Makeover... Sim Center Edition**
Amar Patel, MS, NREMT-P, CFC
Manager, Simulation Center, Wake Med Health & Hospitals, Raleigh, NC

Simulation Center design is one of the most difficult things to outline, especially when the program objectives are still being created. What do I need? What will I need? Who is the target audience? It is obvious that we need to consider equipment needs, realism, objectives, and costs, but we must also consider the layout and the overall flow of space. Simulation programming is unique and uncharted. While over 200 programs have developed simulation centers, there is no absolute way to develop one. We will discuss initial design layouts, projected costs, AV needs, simulation equipment to consider and construction considerations.

Objective: Discuss unique simulation center design needs.

11:15 am Exhibitor Product Information Session - (no credit available for this session)

12:15 pm Buffet Lunch

1:00 – 2:00 pm Concurrent Sessions (choose one)

Session I A Staff Educator Track - Setting up your Sim for Training: An Out of Body Experience

Fran Ambrozic Powell, MHA, BSN, RN
Simulation Education Resource Specialist, WakeMed Hospitals, Raleigh, NC

The presentation explores work-arounds for setting up foleys, IVs, IOs, Central lines, PA catheters, etc., as well as "tips and tricks" to enhance the physical environment for your simulation experience.

Objective: Discuss basic limitations of simulators and how creative thinking can provide solutions to these restrictions.

Session I B**Academic Track - The Effect of Preparation on Anxiety and Performance**

Laura T. Gantt, PhD, RN, CEN, NE-BC

Assistant Professor and Executive Director, Learning Technologies and Labs, East Carolina School of Nursing, Greenville, NC

This presentation will describe findings from research currently in progress at ECU on how to prepare students for assessments using simulation. The purposes of the research were to: 1) compare methods for preparing senior level undergraduate students for evaluative patient care simulations, and to 2) examine how simulation preparation affects anxiety and 3) how anxiety affects evaluative simulation performance.

Objective: Describe theories of anxiety and emotion during simulation as they relate to learning.

2:00 – 2:30 pm Break with Exhibitors

2:30 – 3:30 pm Concurrent Sessions (choose one)

Session II A**Staff Educator Track - Journey to Excellence: Effective Use of Simulation in a New Graduate Nurse Residency Program**

Dawn Swiderski, RN, BSN, CCRN, Simulation Center Coordinator and Kim Blount, RN, MSN, CCRN, Care Clinical Nurse Specialist, Carolinas Medical Center, Charlotte, NC

This session will focus on how our center combines traditional clinical and didactic learning with computer based instruction and simulated lab experiences. It is a performance-based orientation program designed to provide new graduate nurses with the experience, knowledge, technical and interpersonal relationship skills to safely and effectively care for critically ill patients.

Objective: Discuss simulation as a major component to the success of a new graduate nurse residency program.

Session II B**Academic Track - Nursing Documentation in Simulation**

Carey Friedrich, MSN, RN, and Donna Ferraro, MSN, RN

Faculty, Presbyterian School of Nursing at Queens University of Charlotte, NC

This presentation involves strategies to improve the nursing student's ability to document in the clinical setting. The patient simulation lab (PSL) provides the perfect environment to build documentation and verbal communication skills.

Objective: Discuss techniques used in simulation to enhance student nurses ability to perform narrative charting of essential client information.

3:30 – 4:30 pm Concurrent Sessions (choose one)

Session III A**Staff Educator Track - Cooking up Simulations: Creative Techniques to Make Your Simulation Lab Unforgettable**

Linda Earwood, MSN, RN

Skills Lab Coordinator/Simulation Specialist, Del Mar College, Corpus Christi, Texas

This presentation will showcase some unique activities to help the instructor or lab coordinator increase the realism of simulation. The speaker will share tips and techniques that have been successful for making the low and mid-level fidelity manikin more high-tech on a budget. The attendees will have an opportunity to participate in hands on in a moulage demonstration activity. There will be a time for others to share their favorite trick or technique as time allows.

Objective: List two cost effective tools that instructors can utilize in their skills lab to enhance reality of simulation w/in scenarios.

Session III B**Academic Track - Learning Outcomes of Nursing Students in Simulation: A Review of the Literature**

Gloria W. Baker, MSN, RN

Program Director, Associate Degree in Nursing, Roanoke Chowan Community College Ahoskie, NC

The results of this literature review support the assumption that students are learning clinical judgment in simulation. However, nurse researchers need to explore the learning effects of simulation, linking simulation to improved clinical performance and enhanced clinical judgment for students in all types of nursing programs.

Objective: Apply Tanner's Model of the Development of Clinical Judgment as a conceptual framework to identify students' cognitions, specifically awareness, perceptions, reasoning, and judgment, related to clinical simulation.

4:30 pm Adjourn Day One

5:00 pm NCNA Simulation Council Meeting - Hotel Bar - All are invited to participate

Friday, September 17, 2010

8:00 am Registration / Coffee with Exhibitors

8:30 – 9:30 am Concurrent Sessions (choose one)

Session IV A**Staff Educator Track - Developing a Multidisciplinary Mock Code Curriculum Using High Fidelity Simulation**

Melissa Martorano, MD, and Sydney Primis, MD, Pediatric Intensivist at Carolinas Health Care, Charlotte, NC

In order to improve our hospital's comfort and performance in code situations, we have developed a multidisciplinary mock code curriculum using the High Fidelity Simulator. This is a curriculum that enables, nurses, respiratory therapists, residents, and attending physicians to practice code situations using our High Fidelity Simulator. We will share how we developed this curriculum and our preliminary data with others interested in using their simulators for similar purposes.

Objective: Discuss planning a multidisciplinary Mock Code Curriculum using the high fidelity simulator.

Session IV B**Academic Track - Obtaining High Quality Outcomes with Low Fidelity Simulation**

Terre Miller, MSN RN, CPN, CNE

Faculty II Maternal Child Health, Mercy School of Nursing, Charlotte, NC

Problems of budget and space may negate the ability of smaller schools or schools with limited resources to utilize high fidelity patient simulators for development of critical thinking learning activities. Educators however, do not have to forgo quality simulation experiences relative to the fidelity of equipment. This presentation will focus on how low fidelity simulations may be equally beneficial to promote critical thinking when experiences are well developed and focus on specific learning objectives. Student survey data related to low fidelity simulations developed for the pediatric portion of a small diploma-nursing program identified both positive experiences with the learning activities and positive correlation of simulation to on-unit clinical experiences.

Objective: Identify strategies for high quality simulation experiences when opportunities for high fidelity simulations are not available or unnecessary for meeting defined objectives.

9:30 am Break

9:45 – 10:45 am Concurrent Sessions (choose one)

Session V A**Staff Educator Track - Obstetrical Emergencies: Using Simulation to Deliver Confident and Competent Care**

Jennifer Hayes, MSN, RN
Simulation Education Specialist, Carolinas Simulation Center, Charlotte, NC

This presentation reviews low frequency obstetrical emergencies, the impact simulation has on the learning process, and an example of incorporating the use of human patient simulators to better prepare healthcare professionals for obstetric emergencies.

Objective: Explore the advantages of simulation education in maternal-newborn nursing.

Session V B Academic Track - Connecting the Dots in Nursing Education with Popcorn: Enhancing Clinical Reasoning through Emergent Patient Care, Patient Education, and Patient Caring with ... Popcorn.

Alison S. Knox, MSN, RN and Kelli Jones, MSN, RN, Nurse Faculty/simulation coordinator and Nurse Faculty/Lab coordinator, Pitt Community College, Greenville, NC

This session will focus on design of these simulation experiences using low-cost medium fidelity simulation manikins and the rotation of 70 + students through all experiences using only 4 hours of clinical time for each session.

Objective: Identify a current content area in which integration of knowledge, skills, patient caring and or education would benefit students.

10:45 am Break with Exhibitors / Network with Colleagues

11:15 am Buffet Lunch

12:15 – 1:15 pm Concurrent Sessions (choose one)

Session VI A Staff Educator Track - Collaborative Effort Between a Hospital and a School of Nursing to Create, Implement, and Sustain a High-fidelity Patient Simulation Laboratory

*Melinda Armstrong, RN, MSN
Lab Coordinator, Presbyterian School of Nursing at Queens University of Charlotte, Charlotte, NC*

This presentation will examine creating, implementing, and sustaining a high-fidelity patient simulation laboratory (PSL) as a joint venture between a hospital and a school of nursing. Although the use of simulation technology was quickly integrated throughout the nursing curriculum, the integration into the corporate education system of the hospital proved to be a challenge. Several approaches were made to different departments within the hospital, as well as dedicated open house events for hospital employees. Through the creation of customized teaching scenarios and integration of simulation into established ongoing hospital education programs, the use of the PSL is now viewed as a valuable education modality for many hospital departments.

Objective: Examine the circumstances that led to collaboration between the hospital and school of nursing.

Session VI B Academic Track - Growing Your Own Scenarios

*Delia E. Frederick, MSN-ED, RN, Practical Nursing Program Coordinator,
Southwestern Community College, Sylva, NC*

This presentation will explore the use of rubrics to place value on the tasks and knowledge being evaluated. This presentation will also discuss the standard parts of shift assessment data that are important for viewing the client holistically. In addition scenarios can lead students to understand the value of looking at trends in vital signs, laboratory values and intake and output, as well as for planning daily client care.

Objective: Describe the process for selecting assessment data collection and psychomotor skills to incorporate within a simulation activity.

1:15 pm Transition Break

1:30 – 2:45 pm

Closing Session

Lessons Learned: A Panel Discussion

Mary Holtschneider, RN-BC, BSN, MPA, NREMT-P, Andrea Novak, PhD, RN-BC, FAEN, Pamela Box, METI and a representative from Laerdal

This session will be a moderated panel presentation that will bring together several experts in simulation. The panel will discuss lessons learned from the past regarding simulation implementation, program development, evaluation methods, and technological innovations. The panel will also discuss the future of simulation as it moves into its second full decade. As the panelists reflect on the lessons learned from the past, there will be discussion on how to apply these lessons to help develop more effective simulation practices and strategies for the future. The goal in this session is to generate thoughtful and insightful dialogue with the conference participants.

Objective: Discuss lessons learned in simulation practices and ways to build on these lessons for future simulation efforts.

**Disclosure: Pam Box is a full-time employee of METI Inc. and is sponsored by this company for the presentation. Products produced by METI, include simulators and videotaping used in teaching and debriefing. TBA is a full-time employee of Laerdal and is sponsored by this company for the presentation. Products produced by Laerdal include simulators and videotaping used in teaching and debriefing.*

The NC AHEC Nurse Council and the NCNA do not endorse or promote any products discussed at this educational activity.

2:45 – 3:00 pm

Evaluations / Adjourn

EXHIBITORS

Opportunities exist for companies to exhibit.

For more information about exhibits, contact May Cheung at may.cheung@carolinashealthcare.org or 704-512-6531.

HOTEL ACCOMODATIONS

Hotel: Embassy Suites Hotel Greensboro Airport

204 Centreport Drive, Greensboro, NC 27409

Phone: 336-668-4535 or Online at www.embassysuites.com

Hotel offers complimentary shuttle to and from Greensboro Airport 3 miles away. Amenities: Indoor pool, workout room, onsite restaurant and bar. All rooms are suites and hot buffet breakfast comes with the room. Free parking.

Room rate: \$114 plus tax.

Deadline to make hotel reservations: August 25, 2010. **Group Code for online registration: SIM. Code for phone reservations: Simulation Conference.** Check in time: 3:00 pm – Check out time: 12 noon. Any guaranteed reservation canceled within 24 hours of arrival is subject to the first night's room and tax charges.

REGISTRATION FEES

Attend Both Days:

\$225.00 if payment and registration is received by September 2, \$250.00 thereafter.

\$200.00 for a NCNA member if payment and registration is received by September 2.

September 16 Only:

\$150.00 if payment and registration is received by September 2, \$175.00 thereafter.

September 17 Only:

\$150.00 if payment and registration is received by September 2, \$175.00 thereafter.

REFUND / SUBSTITUTION POLICY

In the event of a cancellation, we must be notified two days in advance of the event in order to process a refund or voucher. An administrative fee of 30% will be deducted if a refund is required. Substitutions are encouraged. Please call us at 336-832-8025.

REGISTRATION FORM

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CASCE # 30145

Mail registrations to Greensboro AHEC, Attn: Registrar, 1200 N. Elm Street, Greensboro, NC, 27401-1020
Make check payable to "Greensboro AHEC"

Or register online at: <http://ahecconnect.com/registration/gahec>

Phone: 336-832-8025

Fax: 336-832-7591

PLEASE PRINT

Name _____ Last 4 of SSN XXX -XX-____-____-____

Home Address _____ City _____ State ____ Zip _____

Home County _____ Home Phone _____

E-mail _____

Please **do not** send me e-mail announcements of upcoming Greensboro AHEC programs.

Job Title _____ Specialty Area _____

Employer _____ Work Address _____

City _____ State ____ Zip _____ Work Phone _____

Cardholder Name _____

Master Card/Visa # _____ - _____ - _____ - _____ Exp. Date ____/____

Signature _____

I will attend:

Day 1 & 2 – September 16 & 17, 2010 Early Bird Registration before September 2, 2010 \$225.00

Day 1 & 2 – September 16 & 17, 2010 Early Bird Registration before September 2, 2010 for
NCNA members only Member # _____ \$200.00

Day 1 & 2 – September 16 & 17, 2010 Registration after September 2, 2010 \$250.00

Day 1 Only – September 16, 2010 Early Bird Registration before September 2, 2010 \$150.00

Day 1 Only – September 16, 2010 Registration after September 2, 2010 \$175.00

Day 2 Only – September 17, 2010 Early Bird Registration before September 2, 2010 \$150.00

Day 2 Only – September 17, 2010 Registration after September 2, 2010 \$175.00

*A light sweater or jacket will help to ensure your comfort.

Special Dietary Need: _____

Americans with Disabilities Act:

If you need services or auxiliary aids covered by ADA, please call in advance at 336-832-8025.

OFFICE USE ONLY:

Check/Auth# _____ Date _____

From _____ Amount \$ _____