

TITLE / TIME / PLACE	PRESENTED BY	FACILITATOR	CEU	CME	WORKSHOP DESCRIPTION
A Developmental Approach to Simulation in Nurse Anesthesia Education Tues. / 1:30p / Mtg. Rm. 1	University of New England	Nina Turcato, CRNA, DNP James "Cliff" Roberson, CRNA, MS*	✓	✓	The University of New England's School of Nurse Anesthesia faculty will describe their experiences in creating a developmentally appropriate simulation-based curriculum. The presentation will emphasize the course of faculty training in simulation-based learning techniques as well as the creation of simulation modules appropriate for both the pre-clinical and clinical phase learner in the 27-month program. Curricular goals focus on technical and non-technical skills as well as the promotion of student reflection using an experiential learning model. Evaluation # 1004
A Love/Hate Relationship: Making Mobile Simulation Mobile Tues. / 2:45p / Mtg. Rm. 11	STARS Shock Trauma Air Rescue Society	Bob Odney, Paramedic	✓	✓	This workshop will cover the rewards and challenges of the creation and provision of a mobile simulation program. From the first responder to the physician and every healthcare provider in between, creating scenarios and educational experiences to benefit all healthcare providers can be challenging. Although there are many challenges with the mobility aspects of a "Mobile Simulation Program" the value of the ability to "play with those you work with" in your own environment outweigh the challenges. Evaluation #1030
A Systematic Review of the Use of Simulation in Continuing Education Tues. / 1:30p / Mtg. Rm. 13	Thames Valley University	Sharon Elliott, RN, BA(Hons) Karen Murrell	✓	✓	This session will present the interim findings of a systematic review being undertaken by Thames Valley University as a collaborative centre within the Joanna Briggs Institute. The subject of the review is the effectiveness of simulation in the continuing education and training of qualified medical and nursing staff. Evaluation #1012
Acute Respiratory Distress Syndrome Tues. / 1:30 & Wed. / 2:15p / Mtg. Rm. 4	Prairie View A&M University	Ejim Sule, RN, MSN Isaac Smith, RN, MSN	✓	✓	This workshop will cover the care of a patient who progresses through the stages of acute respiratory distress syndrome. Evaluation #1005
Advanced Scripting: Closed Loop BP Control Wed. / 1:00p / Mtg. Rm. 6	Simulation Centre Mainz, AQAI	Stefan Mönk, MD, DEAA Wolfgang Heinrichs, MD	✓	✓	This workshop will take the participants step by step through the development of an advanced script. The script can be used to control the blood pressure during scenarios. We will be using advanced programming techniques such as option variables, closed loop control and inter-script communication. Evaluation #2006
Air Force Medical Service Modernization and Simulation Program Tues. / 1:30p / Mtg. Rm. 8	Air Education and Training Command	Colonel Deborah N. Burgess, MD, FACP	✓	✓	Colonel (Dr.) Deborah Burgess, the Air Force Medical Service (AFMS) Medical Modeling & Simulation program director will be talking about the (AFMS) simulation mission. The briefing will include where the Air Force Medical Service Program is currently and what direction the AFMS Program is heading in the future (virtual reality, computer based training, avatars, etc). Evaluation #1008
All Systems Are Go! - Or Are They? Tues. / 1:30p / Mtg. Rm. 11	Cincinnati Children's Hospital	Brian Pio, EMT-P Mike Moyer, MS, EMT-P	✓	✓	This session will discuss the use of simulation as a way to identify potential issues when opening an Emergency Department and to evaluate systems, team make up and latent threats. Discussion will include the potential issues of policies and patient care, possible options regarding "standard" patient care teams, and potential threats in the patient care environment. Evaluation #1010
ALS Training with ECS Tues. / 2:45p / Salon G	Simulation Centre Mainz, AQAI	Stefan Mönk, MD, D.E.A.A.	✓	✓	For the first time Advanced Life Support (ALS) Training according European Resuscitation Council (ERC) guidelines was conducted on simulators based on models of physiology (ECS). This lecture describes the content of the course, the development of the Simulated Clinical Experiences (SCE) and the results of the course conducted. Evaluation #1036
An Automated, Evidenced-Based Trauma Team Performance Measurement Tues. / 1:30p / Mtg. Rm. 6	Carilion Clinic Alion Science & Technology American Institutes for Research	Sonya L. Ranson, PhD David P. Baker, PhD Thomas Carolan, PhD Andrea Amodeo, MS	✓	✓	This workshop will present a set of evidence-based best practices for designing healthcare simulation scenarios, how to apply this evidence-base to the development of simulation-based training scenarios for trauma teams, how to identify the characteristics of effective simulation-based training environments for trauma teams using the METI HPS and METIVision, and how to describe the use of an automated tool for trauma team performance assessment and demonstrate its application. Evaluation #1006
Approaches to Facilitating Student-Directed Learning with Simulation Tues. / 1:30p / Salon VI	Apollo College	Meg Dahrting, MSN, RN, CEN Ilene Gottesfeld, EdD, RN, PNP	✓	✓	This workshop will be an interactive, hands-on simulated learning presentation demonstrating the use of constructivist learning theory in nursing education. Participants will actively role play elements of constructivist learning theory within a simulated environment and gain practical experience in utilizing elements of constructivist theory in evaluating student-directed learning outcomes. Evaluation #1003
Army SAPS Testing under DACP Tues / 4:15p / Mtg. Rm. 12	U.S. Army, REDCOM-STTC	Jack Norfleet, BSEE, MBA	✓	✓	Results and observations from the Army SAPS/iStan test program that is sponsored by the Defense Acquisition Challenge Program. This session will discuss strengths and weaknesses that have been observed and will include recommendations on where the SAPS/iStan fits into Army training. Open discussions are encouraged to identify requirements for future medical simulation research and development. Evaluation #1051
Assessing Student Learning with Simulation Tues. / 4:15p / Mtg. Rm. 13	Springfield Technical Community College	Patricia M. Hanrahan, PhD, RN Nathan E. Brent, RN, BSN, ATCN, TNS	✓	✓	Anecdotal evidence abounds that sanctions the use of patient simulations in health programs, yet to date, there is minimal systematic evidence that evaluates its learning process. This presentation will present data from the Self Assessment Guide of Patient Simulation (SAGPS) that was developed to systematically capture students' perceptions of learning through simulation. Recommendations for its use will be discussed. Evaluation #1052
Be Real: Facilitating the Suspension of Disbelief Thurs. / 9:00a / Mtg. Rm. 12	St. Joseph's Hospital and Medical Center	Isaac Smith, MSN, RN	✓	✓	This workshop focuses on the integration of realism into simulations. The presenter will discuss such topics as moulage, tools and resources to aid in the moulaging of the simulated patient and aids in the elimination of pretending in simulations. This workshop is geared toward the beginning and intermediate learner. Evaluation #3010

TITLE	PRESENTED BY	FACILITATOR	CEU	CME	WORKSHOP DESCRIPTION
Bridging Theory with Clinical Competencies and Skills Using the HPS Wed. / 3:45p / Mtg. Rm. 4	Prairie View A&M University	Ejim Sule, RN, MSN, CNS John A. Gabis, MD Julee Hickman, BSN, RN	✓	✓	This presentation will recreate laboratory learning activities using clinical simulation. Included will be those activities that bridge theory with clinical competencies and skills (Hemodynamic monitoring, ECG interpretation and application of electrical therapy), those that relate to patient safety and legal issues (order entry and interpretation) and those in which the participants themselves are able to evaluate the impact of clinical simulation in bridging clinical competencies and skills. Evaluation #2045
Building a Simulation Lab in a Rural Hospital Tues. / 2:45p / Mtg. Rm. 13	Adena Health System	Dina DeBord, MSN, RN Pamela J. Boyers	✓	✓	This workshop discusses the issues involved in creating a simulation lab in a rural community hospital, how those issues were resolved, the need for collaborative efforts in this process, and the unique program opportunities available to the lab. Evaluation #1032
Can Outcomes be Measured? Wed. / 1:00p / Mtg. Rm. 13	Riverside Methodist Hospital	Edward T. Bope, MD Benjamin Stobbe, RN	✓	✓	This workshop will address the need to measure outcomes using simulation in the education of health professionals. A model for outcome measurement, being utilized in multidisciplinary simulation center in a teaching hospital, will be presented and discussed. Evaluation #2011
Case Study Alive: Simulation as a Classroom Teaching Strategy Thurs. / 11:30a / Salon VI	Miami University	Debbie Beyer, MSN, RN	✓	✓	The desire to increase the exposure of simulation to second level associate degree nursing students and to use an active and engaging learning strategy guided the implementation of this teaching strategy. This workshop will assist the participant to develop and incorporate simulation in the delivery of theory content. Audience participation will be used to demonstrate the student activities and roles in implementing classroom simulation. Results of the study measuring effectiveness and students' perceptions of this classroom teaching strategy will be presented. Evaluation #3043
Changing Fundamental Skills Check Out to a Critical Thinking Scenario Tues. / 1:30p / Salon C	College of Saint Mary	Pamela Roland, RN, MSN	✓	✓	In this session, the audience will learn how to change a fundamental skill check out to a scenario-based check out, requiring the student to think critically. The audience will learn how to get faculty on board with scenario-based testing, make a mannequin become a person, create props and supplies to build a scenario and how to execute this type of testing environment. This type of check out allows the instructor to have freedom during testing, making each student test unique. As students progress through the fundamental class, their critical thinking skills and problem-solving skills increase, making them more prepared for clinical practice. Evaluation #1014
METI Simulation Center Mentors Representing Nursing and the Hospital Tues. / 1:30p / Salons E&F	Texas Woman's University	Judy Johnson-Russell, Ed.D., RN	✓	✓	The presentation will assist participants in learning about the METI Simulation Center Mentor program. Two representatives from nursing (Nancy Wilson and Melinda Armstrong) and two from hospitals (Betsy Bencken and Nate Brent) will address questions from the moderator as well as questions from the audience. Evaluation #1015
METI Simulation Center Mentors Representing Medicine, EMS, RT, Multidisciplinary Tues. / 2:45p / Salons E&F	Texas Woman's University	Judy Johnson-Russell, Ed.D., RN	✓	✓	The presentation will assist participants in learning about the METI Simulation Center Mentor program. Two representatives from EMS (Mike Fisher and Melanie Miller), one from medicine (Alyson Knapp) and one multidisciplinary (Jackie Langford) will address questions from the moderator as well as questions from the audience. Evaluation #1035
Creating a Curriculum Wed. / 2:15p / Mtg. Rm. 13	Riverside Methodist Hospital	David Buck, MD Curtis Gingrich, MD Scott Winfield	✓	✓	Simulation can be more than an occasional experience added to teach a specific skill or demonstrate competencies. A curriculum in simulation can be designed to be longitudinal and comprehensive. Each of the six ACGME/ABMS competencies can be demonstrated and evaluated. In this workshop we will illustrate how we have created a curriculum and will discuss how others have accomplished similar projects. Evaluation #2031
Creating Psychological Fidelity in Simulation Tues. / 1:30p / Salon G	Penn State Erie	Nick Miehle, RN, MSN	✓	✓	This workshop offers an in depth look at fidelity simulation, focusing in on the importance of maintaining psychological fidelity during simulated clinical experiences. The presentation includes a comparison and contrast between the concepts of fidelity and context in simulation, a summarization of the importance of maintaining psychological fidelity throughout the simulation scenario, and an analysis of the use of a conceptual framework in developing simulation scenarios. Evaluation #1016
Creation of the Critical Care and Transport Learning Module Wed. / 3:45p / Mtg. Rm. 7	STARS Centre Revive Medical University of Michigan Survival Flight University of Michigan Survival Flight	Mike Lamacchia, CMTE, EMT-P Kevin King, CCP(f), MBA David Roberts, RN/ EMT-P/ CFRN, CMTE Michael Chesney	✓	✓	This interactive session will involve two one-hour workshops run concurrently. The first hour will highlight the METI Cup showcasing the University of Michigan's Survival Flight, how to prepare for the competition and the benefits of the competition. The second hour will discuss the creation of the Critical Care & Transport Simulation Curriculum demonstrating how you will be able to integrate this type of curriculum into your current training. Evaluation #2047
Critical Thinking, EMS and High Fidelity Simulation Wed. / 1:00p / Mtg. Rm. 11	Southern Alberta Institute of Technology	Blair Lindsay, EMT-P, BHSc, MA	✓	✓	This presentation will explore crucial elements in the development of simulated clinical experiences, conducting of debriefings, and evaluation of the student with regards to critical thinking processes. Evaluation #2009
Debriefing Effectively with Video Thurs. / 9:00a / Salon B	Texas Woman's University	Judy Johnson-Russell, Ed.D., RN	✓	✓	The presentation will assist participants in conducting effective debriefings utilizing video (METIVision™). The four stages of a debriefing will be discussed along with techniques to assist the learners in reflecting and analyzing their knowledge and performance. Specific areas where video can be beneficial will be addressed and demonstrated. Evaluation #3012
Defeating the Blues of Pediatric Resuscitation Wed. / 3:45p / Salon IV	Cincinnati Children's Hospital	Jennifer Manos, BSN, RN Tom LeMaster, MSN, RN, REMT-P, EMSI Tiffany Perkins, BSN, RN, CPN	✓	✓	This workshop discusses the development and implementation of an eight-hour pediatric rapid response simulation course for non-critical care nursing. The course focuses on the early recognition and management of a pediatric emergent condition and the management of the first critical minutes of a code. Evaluation #2041

\*Clinical interest tracks noted on pages 30-31.

TITLE	PRESENTED BY	FACILITATOR	CEU	CME	WORKSHOP DESCRIPTION
Digitizing Diabetes: Uncommon Teaching Methods for Common Diseases Wed. / 3:45p / Salon V	Riverside Community College District	Anita Kinser, EdD, RN-BC Isaac Dannelley, AS	✓	✓	Diabetes Mellitus (DM) is becoming pervasive in the U.S. with more than 23.5 million cases: one out of four people more than the age of 60 identified in 2007. This workshop will demonstrate and use audience participation to show how the ECS can be programmed and used to highlight the nuances of non-emergency blood sugar levels and responses to insulin administration. Evaluation #2042
Does Your PediaSIM Have Multiple Personalities? Tues. / 1:30p / Salon IV	Air Evac Services Inc.	Carol Pribyl, RN	✓	✓	Participants will learn new methods for enhancing scenarios, share previously used methods and identify resources available for scenario enhancement. Demonstration of moulage on BabySIM® and PediaSIM®, ECS®, setting the stage and the use of props will be available. Evaluation #1001
ED Evaluation through Simulation Tues. / 4:15p & Thurs. / 11:30a / Salon IV	New Jersey Department of Health and Senior Services	Eric Hicken, MICP	✓	✓	The New Jersey Emergency Medical Services for Children Program and the New Jersey Department of Health and Senior Services has developed a program that utilizes a PediaSIM and/or BabySIM to evaluate the response of emergency department staff to a pediatric emergency. Evaluation #1041
Effective and Ineffective Interdisciplinary Team Response Wed. / 3:45p / Mtg. Rm. 6	Penn State Milton S. Hershey Medical Center	Pamela A. Meinert, PhD, MSN, FNP-BC	✓	✓	This presentation has two components: debriefing principles and strategies and two scenario demonstrations. The initial presentation will describe characteristics of effective and ineffective debriefing techniques after simulation learning. After this presentation, effective and ineffective communication and process action will be presented by an interdisciplinary team during a patient crisis simulation training session. Using ECS, a five person team will portray two scenarios. In the first scenario, a patient crisis situation will demonstrate ineffective actions and communication followed by examples of both effective and ineffective debriefing. The second scenario will demonstrate effective actions and communication during a simulation patient crisis. Evaluation #2046
Effective Design and Utilization of EMS Simulation Environments Thurs. / 11:30a / Mtg. Rm. 13	Southern Alberta Institute of Technology	Blair Lindsay, EMT-P, BHSc, MA	✓	✓	This presentation will outline practical considerations in the design of EMS simulation environments, including what design elements are most crucial to reality and to student learning. Evaluation #3051
EMS Course from Start to Finish: Planning & Running a Large EMS Class Thurs. / 10:15a / Mtg. Rm. 11	University of Arizona, College of Medicine	Alyson Knapp	✓	✓	This workshop will show how to prepare, design and implement a large simulation course for EMS providers. This workshop will also review an EMS simulation course that was used to do state continuing education certification for 260 paramedics. Evaluation #3029
Enhancing Communication Skills with High-Fidelity Patient Simulation Wed. / 3:45p / Salon B	Presbyterian School of Nursing at Queens University of Charlotte	Katherine Ingram, RN, MSN Melinda Armstrong, RN, MSN	✓	✓	This presentation will examine how to enhance the communication skills of both nursing students and experienced nurses by using high-fidelity patient simulation as a teaching modality. The theoretical framework of Duldt's Humanistic Nursing Communication Theory will be used. Evaluation #2052
Enhancing the Team: Multidisciplinary Pediatric Trauma Simulation Wed. / 1:00p / Salon B	Cincinnati Childrens Hospital Medical Center (CCHMC)	Tiffany Pendergrass, RN, BSN, CPN Jennifer Manos, RN, ASN Brian Pio, EMT-P	✓	✓	As part of an institution-wide focus on patient safety and culture change, trauma education at our Level I trauma center has expanded to include multi-disciplinary simulation training. The use of simulation training throughout trauma education will be discussed. Evaluation #2012
ETC: New Trauma Training with the ECS Thurs. / 11:30a / Mtg. Rm. 6	Simulation Centre Mainz, AQAI	Stefan Mönk, MD, D.E.A.A.	✓	✓	The European Trauma Course (ETC) is a new type of Trauma training developed by the European Trauma Working Group, a group of internationally recognized experts coming from all specialties involved in trauma care. In this workshop we will demonstrate (with participants) one of the Simulated Clinical Experiences of a patient with combined severe injuries. We will also provide information on the programming technique used. The resulting script can be controlled with very few user interventions. Also, background information will be given about the course itself. Evaluation #3046
Eureka! The Surprise Element of Simulation Wed. / 1:00p / Mtg. Rm. 7	University of Huddersfield	Sarah Bratt Karen Currell	✓	✓	The presentation will consist of a short PowerPoint lecture identifying the role of simulation within the pre-registration curriculum at the University of Huddersfield. This will progress to a hands-on scenario, introducing an interactive emergency situation requiring audience participation into the presentation. PA debriefing will then be undertaken with audience and presenter involvement, culminating in time for questions. Evaluation #2007
Evacuation Drills through Simulation Thurs. / 9:00a / Mtg. Rm. 7	WakeMed Health & Hospitals	Julie Williams, RGN, DPSN, BSc, PGCE, MSc Amar Patel, MS, NREMT-P	✓	✓	In the process of developing an evacuation drill, it is difficult to make a mock drill realistic. By integrating patient simulators, you increase the complexity of the drill for both the participant and the production team. We will discuss the steps in developing an evacuation drill, determining the types of scenarios and location of simulators, concerns with broken equipment, onsite repairs, production team versus participant recruiting, and data logging. Evaluation #3007
Expanding Your Horizon: Integrating SPs into a Simulation Experience Thurs. / 11:30a / Mtg. Rm. 7	Florida State University	Debra Allan Danforth, MS, ARNP, FAANP Lisa Granville, MD, FACP, AGSF Stephen Quintero, MD	✓	✓	Simulation-based education allows trainees to hone their skills in a risk-free environment. Simulation can use standardized patients, simulators/task trainers, hybrid scenarios that include standardized patients and simulators or virtual reality cases. The shift to simulation-based training in the healthcare arena allows learners repeated opportunities to acquire skills prior to real patient involvement. Evaluation #3047

TITLE	PRESENTED BY	FACILITATOR	CEU	CME	WORKSHOP DESCRIPTION
Extreme Moulage for Military Medicine Wed. / 2:15p / Mtg. Rm. 12	DMRTI	Rebecca Richelieu Alan Butler	✓	✓	This workshop will explain and demonstrate how to make moulage more realistic. Evaluation #2030
FIRE-EMS TRAINING CONSORTIUM: Standardizing Training County-Wide Wed. / 2:15p / Mtg. Rm. 11	San Ramon Valley Fire Protection District	Andy Swartzell, RN, BSN, CCRN	✓	✓	One evening three years ago at HPSN, two other EMS coordinators from Contra Costa County Fire Departments and I came up with an idea on how to improve EMS training for all the County Fire Agencies centered around the use of the METI ECS simulator. Drawn up on a paper napkin, that idea eventually became the FIRE-EMS TRAINING CONSORTIUM of Contra-Costa County, which now has ECS and PediaSIM ECS simulators shared by seven different agencies. One of the missions of the consortium is to develop standardized training modules incorporating the simulators for all agencies in the county. Evaluation #2029
Flat Screen Simulation (e.g. Intracranial Pressure) Prepares for HPS Tues. / 2:45p / Mtg. Rm. 7	Penn State College of Medicine	W Bosseau Murray, MD	✓	✓	A flat-screen brain simulation model of intracranial pressure and cerebral blood flow will be used to familiarize the participants with intracranial physiology. The concepts will then be implemented in a clinical scenario of a head injury patient using a full human simulator. Therapy will be selected to minimize intracranial pressure changes while maximizing cerebral blood flow. Evaluation #1027
Focusing on Clinical Reasoning with Simulation Technology Tues. / 1:30p / Salon D	University of Medicine and Health Sciences	Paula Grace Dunn Tropello, EdD, MSN	✓	✓	According to Del Bueno and Weber, our focus should be on critical thinking in our clinicals, and yet many would agree that we as educators are skills and outcomes oriented, with the learning process often overlooked due to time factors and/or staffing issues. This workshop will cover how this focus is obtained through a paradigm shift from viewing education as a silos of knowledge to seeing education as active engagement with controlled, simulated clinical problems. Evaluation #3014
Frankenstein 09: Controlling the Monster So the Villagers Don't Riot Tues. / 4:15p / Salon D	Greenville Technical College Columbus State Community College	Michael Fisher, AHS, NREMT-P Steve Pletcher, MS, RRT	✓	✓	How to grow and maintain a simulation program at a large educational institution and a multi-campus facility. Evaluation #1055
Full Moon in the Pediatric ED Tues. / 2:45p / Salon IV	University of Saint Francis	Kristen Morris, MSN, RN, CPNP-PC Jennifer Richard, MSN, RN	✓	✓	This presentation will demonstrate effective dynamic teaching strategies during a pediatric scenario in the Emergency Department. Presenters will share innovative techniques developed to engage and manage seven to nine students during a simulation experience. Ways to assist students with delegation and prioritization responsibilities will be demonstrated utilizing spontaneity. Anecdotal feedback reflecting high student and faculty satisfaction with this simulation method will be presented. Evaluation #1021
Fully Integrated Fluid Management with Your HPS Thurs. / 10:15a / Mtg. Rm. 1	Leiden University Medical Centre	Joris Broeren, MD Michiel Schütter, MD	✓	✓	Continuous measurement of injected fluid volumes in combination with fully-automatic infusion in the METI-physiological model, leads to a more realistic environment and response of the physiological model on fluid therapy, in comparison to the standard HPS. Evaluation #3024
Funding Your Simulator Projects: Demystifying the Grant Proposal Writing Process Wed. / 1:00p & Thurs. / 9:00a / Salon G	Valdosta State University	Anita G. Hufft, PhD, RN	✓	✓	This workshop will provide information useful in the funding of a new simulation program and/or center and the expansion of existing centers. The speaker will present essential components and the process of grant proposal development in the context of action oriented research and educational programs development. Approaches to the selection of potential funding resources and the development of competitive proposals consistent with the goals and mission of the practitioner's institution will be presented. Specific attention to the budget development for the proposal will focus on simulator equipment, infrastructure, personnel and other expenses. Evaluation #2015
Guidelines and Forms for Faculty with Limited Simulation Experience Thurs. / 10:15a / Salon C	Holy Family University	Kathy Kelly-West, MSN, MBA	✓	✓	This workshop provides an overview of guidelines and forms needed to have success with using simulation with nursing students in a BSN program, including a discussion of faculty preparation and debriefing. Evaluation #3033
Hitting Home Runs with Simulation Thurs. / 9:00a / Salon VI	University of Saint Francis	Dawn Mabry, RN, MSN	✓	✓	This workshop is designed to provide participants with a methodology for developing a plan to incorporate simulation into health care curricula using a baseball analogy. The workshop will describe how one school of health sciences created a simulation lab, achieved faculty "buy in" and implemented simulated clinical experiences, going from the prep league to the World Series while surviving the rookie year. Participants will get to try their hand at getting hits and scoring while avoiding errors analyzed by a "rookie, major league" lab director. Evaluation #3003
How to Start Up a Simulation Center Wed. / 1:00p / Mtg. Rm. 12	DMRTI	Jay Patterson, TSGT, USAF Jessica Henry, SSGT, USAF Peter Marquez, HAM, MSN	✓	✓	What is your goal? Who do you want to teach? Once you know the answer to those questions, what's the next step? This workshop describes how DMRTI made a simulation center possible. Evaluation #2010
HPS Value in Replacing Didactic PBL Cases in Med Students & Residents Tues. / 1:30p / Mtg. Rm. 7	Florida Atlantic University	Dr. George Luck, Dr. Larry Brickman, FACS David Sandau, ACLS Instructor, ADLS Instructor, Paramedic Mark Goldstein	✓	✓	FAU will present the results from the Regional Medical Campus training of first and second year medical students as well as the value proposition for using human patient simulators in the Clinical Assessment of an Internal Medicine Resident program. The session will include a hands-on demonstration of one of the cases as well as summary data from the training and clinical assessments. Evaluation #1007

\*Clinical interest tracks noted on pages 30-31.

TITLE	PRESENTED BY	FACILITATOR	CEU	CME	WORKSHOP DESCRIPTION
Human Patient Simulation Integration to Your Nursing Curriculum Tues. / 1:30p / Salon V	Tacoma Community College	Trevor Nicely	✓	✓	The purpose of this session is to give the attendees the knowledge and skills in which to return home and start up a successful nursing simulation department. Discussion will include where to start in the PNCI, which scenarios to run for the different levels of an RN program, participation with the Sim Tech to gain hands-on experience with facilitating one of the PNCI scenarios and a list of equipment needed. Evaluation #1002
Implementing HPS in a National Multi-Campus System Tues. / 2:45p / Salon C	Chamberlain College of Nursing	Julia Ann Raithel	✓	✓	This presentation will provide information concerning the implementation of HPS across four states in a national multi-campus system. Information requiring the establishment of a national focus for HPS as well as physical environment and faculty orientation are identified. Evaluation # 1034
Importance of Integrating Realistic Med-Admin into Simulation Tues. / 2:45p / Salon VI	Nova Southeastern University	Belinda James Wendy Thomson, EdD(c), MSN, BSBA, RN, CNE, IBCLC Jessica Gordon, BHS, BSN, RN	✓	✓	Our nursing department collaborated with a medication dispensing machine company to design a system that enables nursing students to experience medication administration. This workshop will demonstrate how the student initiates the process of taking the physician order, notifying the pharmacy, pulling the medication from the medication dispensing machine (MDM), and finally administering the medication to the patient. Evaluation #1023
Improving Student Nurses Medication Dosage Calculation Skills Tues. / 4:15p / Mtg. Rm. 8 & Thurs. / 11:30a / Mt. Rm. 10	University of Glamorgan  METI	John M. Clochesy, PhD, RN, FAAN, FCCM  Christie Pawley	✓	✓	This workshop will identify the three variations in cognitive style in mathematics, describe the effect of using screen-based simulation for medication dosage calculation, and demonstrate the use of METI's eDose solution. Evaluation #1048
In Situ' Simulation Training: Is Your Own Environment Better? Wed. / 2:15p / Salon IV	Cincinnati Children's Hospital Medical Center	Michael Moyer, MS, EMT-P  Jerome Bauer, RN	✓	✓	A great deal of current literature for medical practitioners within simulation labs focuses on improving teamwork and communication, patient safety and error prevention. A new phase of simulation has evolved from this literature, looking at incorporating the simulator into actual medical environments (in situation training) and providing an opportunity to work with actual multidisciplinary teams in actual environments. This presentation will show the differences as compared to a simulation lab as well as how behaviors and performances are affected. Evaluation # 2021
Instituting HPS into Prehospital Care Evaluation Tues. / 4:15p / Mtg. Rm. 4	Emergency Medical Care Inc	Kevin King, CCP(f), MBA	✓	✓	This seminar will focus on implementing HPS into Prehospital-based curriculum, with a focus on evaluation techniques while providing the learner with the best educational experience possible. The focus is on substituting clinical time with simulation, including a demonstration on the HPS. Evaluation #1045
Integrating Ethical Teaching into your Curriculum Using Simulation Wed. / 2:15p / Salon V	METI  SES	Amanda Wilford, RN  Nik Whisson, RN	✓	✓	This workshop will demonstrate an approach to implementing ethical teaching using this innovative methodology. A simulated clinical experience used in undergraduate nursing focusing on a patient with a chronic condition will be facilitated with participants invited to take on the role as students. The simulation will explore ethical dilemmas, communication and decision-making and will illustrate how simulation can be incorporated into an undergraduate-nursing program. Evaluation #2022
Integrating Simulation Into A Nursing Course Thurs. / 10:15a / Salon B	DeSales University	Mary Brinker, MSN, RN	✓	✓	This workshop will describe one method of integrating simulation into an undergraduate nursing course. Specific examples as well as clinical patient templates will be used to describe how to implement simulation experiences into the course. Evaluation #3032
Integrating TMCM Scenarios into Sim-Based Training Wed. / 3:45p / Mtg. Rm. 12	Medical Education Technologies, Inc.	Robert Shotto, NREMT-B, LPN	✓	✓	This workshop will demonstrate the capabilities of the iStan simulator as well as the TMCM learning Module to illustrate specific functions such as integrated wound moulage, bleeding, tourniquet recognition and trauma features. There will be a hands on tactical demonstration that will involve audience participants using the TMCM Learning Module. Evaluation #2050
Interprofessional Guidelines for Sim Scenarios on Adult Suctioning Tues. / 4:15p / Mtg. Rm. 7	Queen's University	Marian Luctkar-Flude, RN, MScN Diana Hopkins-Rossee, DEC, BSc(PT), MSc Cynthia Baker, PhD Bob Stevenson, BSc.	✓	✓	This workshop describes the process used to develop evidence-based interprofessional guidelines on adult suctioning and describes an interprofessional simulation module that teaches adult suctioning skills. The workshop provides learners with the opportunity to participate in two short scenarios: endotracheal tube suctioning resulting in cardiac arrhythmias and tracheostomy tube suctioning of a patient with an acquired brain injury resulting in increased intracranial pressure. Evaluation #1047
Manually Controlling Your Simulator On the Fly Wed. / 1:00p / Mtg. Rm. 1 & Thurs. / 10:15a / Mtg. Rm. 4	American College of Chest Physicians	Chad Jackson, BS, RRT, CHT	✓	✓	Users of METI Simulators frequently need to modify the physiology of their mannequin quickly while in use, despite having programmed scenarios or states prior to their scenario beginning. This session will focus on five steps to quickly and efficiently change the physiology of their mannequin, without having to 'override' or disable the physiological programming, leaving their mannequin able to continue to react to treatment and scenario conditions. Evaluation # 2004
Meet the New METI Simulator Tues. / 1:30p, Wed. 1:00p Thurs. / 9:00a / Salons I, II, III	Medical Education Technologies, Inc.	Devin Johns, MS	✓	✓	Learn all about METI's new line of adult simulators. More than a decade of METI technology combined with revolutionary advances in electronics and software are now able to create an unprecedented value for your educational dollar. The new METI simulator is available in two versions, focused to meet the needs of prehospital care or nursing. Evaluation #1017
METI on the Move Wed. / 3:45p / Mtg. Rm. 11	MedFlight	Charles Boak, RN, CCRN, BSN, CMTE, EMT  Steve Borghese, RN EMT-P CMTE	✓	✓	This workshop will cover how to design and develop a mobile simulation and training operation from how to get started through development to the overall breakdown of costs. Evaluation #2049

TITLE	PRESENTED BY	FACILITATOR	CEU	CME	WORKSHOP DESCRIPTION
METI Simulation Based Nurse Residency Program Tues. /2:45p / Salon D, Wed. /1:00p / Mtg. Rm. 10, Thurs. / 11:30a / Salon D	Medical Education Technologies Inc.	Wendy J. Wilkinson Bowman, MSN, ARNP Teresa Millwater, MSN, CEN	✓	✓	METI's revolutionary product, a consistent, replicable orientation process which supports the ability to evaluate competency development, provide near to real-life standardized clinical experiences and evaluate and detect problems early and remediate. The program also assists in reducing costs associated with maintaining a competent, professional and experienced nursing work force. Evaluation #2008
Modeling Extreme Physiology with the HPS: The Response to Hypoxia Tues. / 4:15p / Mtg. Rm. 10	The Medical School, University of Bristol	Richard Helyer	✓	✓	In this workshop we will describe how the effects of high altitude associated hypoxia were modeled and evaluated. The HPS provides data for a range of respiratory variables (e.g. breathing rate, tidal volume, alveolar and arterial partial pressures of oxygen and carbon dioxide, and arterial oxygen saturation). Results showed that generally the HPS responded to acute hypoxia similarly to humans with data closest to those from unacclimatised individuals as expected. Evaluation #1049
Multidisciplinary Training in Critical Care Medicine Wed. / 1:00p / Mtg. Rm. 4	Baystate Simulation Center	Gladys Fernandez, MD Gerard Langlois, PA-C William McGee, MD Patrick Mailloux Patricia Dailey, RT	✓	✓	This workshop will discuss the development and implementation of a Critical Care Medicine simulation-based curriculum for multidisciplinary teams of learners. A Critical Care Unit setting for assessment and management of complex care of the patient, ranging from respiratory distress to ventilatory management, shock assessment and management and other critical care patient principles will be used. Evaluation #2005
New Center Strategic Planning Wed. / 3:45p / Mtg. Rm. 13	University of Virginia Health System	Elisabeth B. Wright, BS, ME Keith E. Littlewood, MD Mark A. Kirk, MD	✓	✓	Targeted toward new simulation programs, this workshop will include a discussion of strategic planning and operational considerations for growing centers. Business plan development will be a workshop focus. Center operations will be addressed through an interactive discussion of "best practices" and will include lessons learned from our experience with a rapidly expanding Medical School/Health System simulation program. Evaluation #2051
New Emergency Medical Services (EMS) Learning Module Tues. / 2:45p, Wed. / 3:45p, Thurs. /10:15a /Salons I, II, III	Medical Education Technologies, Inc.	Les R. Becker	✓	✓	This workshop will highlight METI's new EMS Learning Module Series designed for the new METI Simulator. METI's new EMS Learning Module series is designed to provide innovative training opportunities for all levels of provider from first responder to paramedic. This workshop will overview the first of seven that METI will release. Participants will have an opportunity to become familiar with METI's plans for this series and to participate in a hands-on environment. Evaluation #1019
Nursing Excellence through Simulation Wed. / 2:15p / Mtg. Room 10	Salina Regional Health Center	Keri Kavouras, MSN, RN-BC Pamela Anderson	✓	✓	Simulation is rapidly becoming a priority in staff development and student clinical experiences. It is not enough to just know the information; nurses must be able to apply their knowledge to provide safe and competent care. Salina Regional Health Center has developed a simulation lab that enhances student nursing education and clinical staff development. This interactive format provides opportunities for communication strategies, critical thinking development, prioritization and reflection for an advanced level of learning. Evaluation #2028
Operational Healthcare: Ready to Care for Our Warriors Thurs. / 9:00a / Mtg. Rm. 13	Nursing Institute of West Central Ohio	Rosemary Durning, MSH, RN, CAPA	✓	✓	This workshop presents the research performed at Wright-Patterson Medical Group, where an HPS is used to train Active Duty nurses in the management of complex combat injuries. Evaluation #3011
Outcome-Based Tool to Evaluate Student Performance with HPS Wed. / 2:15p / Salon C	Seattle University	Anita W. Mikasa, RN, MN Terry F. Cicero, RN, MN, CCRN	✓	✓	An evaluation matrix was developed integrating AACN baccalaureate competencies (assessment, critical thinking, patient care, communication) with course objectives and professionalism. The tool was designed to be objective, informative and efficient to provide a consistent evaluation across the curriculum. Evaluation #2033
Paramedic Simulations: Bridging Comfort and Complexity Thurs. / 9:00a / Mtg. Rm. 11	Justice Institute of British Columbia	Ron Bowles, Paramedic, B.Ed, M. Ed. Tech.,	✓	✓	Simulations form a critical step on the paramedic learner's journey from the textbook to the street. Simulations bridge the gap between the technical competence of the classroom environment and the complexity and unpredictability of field practice. This presentation introduces the Practice Ladder as a framework for matching desired learning outcomes with the most effective forms of simulation and practice-learning activities. Different simulation activities on the Practice Ladder employ various blends of fidelity (e.g. patient, setting, context of practice) to create focused, effective learning environments. Evaluation #3009
Pedagogy-Driven Patient Simulation Thurs. / 11:30a / Salon G	Springfield Technical Community College	Michael Foss, MA, RDMS, RVT	✓	✓	It is not always understood how pedagogy determines the type of patient, level of patient and general simulation environment. This workshop will allow the simulation user to develop a patient simulation experience that meets learning objectives for their particular facility. Evaluation #3055
Playing in the Same Sandbox: A Multidisciplinary Simulation Course Tues. / 4:15p / Salon B	Cincinnati Children's Hospital	Tom Lemaster, RN, MSN, MEd, EMT-P Mike Moyer, MS, EMT-P Tiffany Perkins, RN	✓	✓	This presentation will discuss the use of human patient simulation in the multidisciplinary training of emergency department staff. It is challenging to provide simultaneous care of multiple patients with varying acuity levels, frequent interruptions and time constraints. This presentation will explore how a simulation-based safety program reduced the serious safety events in a large pediatric emergency department. Evaluation #1053

TITLE	PRESENTED BY	FACILITATOR	CEU	CME	WORKSHOP DESCRIPTION
PNCI 2008 Update: Come See What's New! Thurs. / 10:15a / Mtg. Rm. 12	Medical Education Technologies, Inc.	Christie Pawley, MSN, RN Judy Johnson-Russell, Ed.D., RN	✓	✓	This workshop will highlight the changes made to the 2008 PNCI simulated clinical experiences (SCEs). The new SCEs will be discussed along with addition of special tools for faculty and students. Following the discussion participants will be afforded the opportunity to role-play one of the new SCEs. Evaluation #3030
PNCI Simulated Clinical Experiences in the Classroom Wed. / 2:15p / Salon D	University of North Alabama	Marilyn Lee, RN, MN, PhD Lynn Underwood, RN, MSN Martha Rock, PhD, RN, MSN Betty Rickard, RN, MSN Tera Kirkman, RN, MSN	✓	✓	This session will describe a variety of uses of PNCI Simulated Clinical Experiences in the nursing education theory classes. Content will include the educational theoretical basis for use of PNCI SCEs, specific ways to use PNCI SCEs and some evaluation measures that have been used to determine the value of PNCI SCEs in the classroom. Evaluation #2034
Precise Fluid Management and Drip Control in HPS Software Scenarios Tues. / 2:45p / Mtg. Rm. 6	University of Mississippi Medical Center	Jeffrey Orledge, MD, MS, FACEP Anna Lerant, MD William Phillips, MD, FACEP	✓	✓	This workshop will demonstrate the educational benefits of precise fluid management and teach a programming technique that will allow real-time adjustment of IV fluid, drip and bleeding rates during a scenario. This technique is very useful in scenarios where learners manage hypotensive patients with history of CHF or titrate esmolol and nitroprusside drips in patients with an aortic dissection. Evaluation #1026
Priority Clinical Decision-Making Skills Wed. / 1:00p / Salon C	College of Saint Mary	Susan Liston, MSN, RN Pamela Roland, MSN, RN	✓	✓	This workshop features an advanced scenario for students to care for more than one patient at a time. Four mannequins are built into real life patients with medical problems. Students receive report and prioritize cares of their assignment for the shift, performing the morning assessment, daily cares, medications and solving problems that arise during their shift while experiencing a real day as a nurse in the nursing lab and realizing nursing is complex and taking more than one or two patients is difficult. Evaluation #2013
Reaching Beyond: Innovative Simulation Thurs. / 10:15a / Salon V	Daytona State College	Kim Martin RN, MSN, CCRN	✓	✓	This workshop will explore several methods for integrating simulation throughout an educational program. It will include information on using simulation for evaluation, tutoring, remediation and as a teaching strategy. Evaluation #3022
Recipes for Disasters! Dress to the 9's in 2009! Tues. / 4:15p / Mtg. Rm. 6	Daytona State College	Kim Martin, MSN, CCRN, RN	✓	✓	This is a hands-on workshop to create the scene, setting and the make-up to enhance realism in the simulation environment. Participants will apply recipes submitted by METI customers to patient simulators. Evaluation #1046
Rocks in the River: A Model for Distributed Learning Tues. / 2:45p / Mtg. Rm. 10	Justice Institute of British Columbia	Ron Bowles	✓	✓	Students, often with just a course outline and textbook in hand, stand on one bank of a raging river, their learning goal uphill and upriver, on the far side. Educators place rocks in the river—learning activities that create paths to help learners find their way. Some routes are straight and clear; others are more haphazard. Often, however, only a few small stones poke above the surface and learners are left to sink or swim. This presentation examines a model for purposefully placing rocks in the river – a framework for building effective, accessible experiential learning environments. The presentation then focuses on the active learning layer: the use of peer-based, simulation, and field placement learning. Evaluation #1029
Role Assignment in Simulation Wed. / 3:45p / Salon VI	Faculty of Nursing, University of Manitoba	Nicole Harder, RN, MPA	✓	✓	Many people who run simulation with larger groups divide them up and assign roles. A lot of work is often put into developing these roles. This workshop will address how roles can be developed, how to assign the roles to meet the needs of the group and the learners and what kind of learning goes on with the various roles. Evaluation #2043
Running the AHA Megacode Made Easy: ECS Stan and SP in ACLS Training Wed. / 2:15p / Mtg. Rm. 6	USF Health- Center for Advanced Clinical Learning, USF Health	Dawn Schocken, Ph.D.c Nicole Murphy, RN Bradley Peckler, MD Fred Slone, MD	✓	✓	The teaching of Advanced Cardiac Life Support (ACLS) is a core competency for all health-care providers who practice in an emergent or hospital setting. This workshop was designed to demonstrate an effective method of joining the use of standardized patients (SPs) with the METI ECS in an emergent care setting. Included in this workshop will be an opportunity for the participants to develop a hybrid case, enhance their debriefing skills and enrich their evaluation technique. Evaluation #2026
SALnT and PACT Thurs. / 11:30a / Mtg. Rm. 1	Charité - Medical University of Berlin	Torsten Schröder, MD	✓	✓	SALnT (Simulation Applied to Intensive Care Training) is the subgroup of the educational board of the ESICM (European Society of Intensive Care). PACT (Patient Acute Care Training) is the distance learning program of the ESICM. The (SALnT) group has developed this blended learning concept. The course educational objectives are aligned to PACT. This project demonstrates international cooperation, a multi-professional approach and could be a template for development of other courses in specialties with relatively small numbers of trainees. Evaluation #3044
Sepsis as a Simulation Experience: An Update Tues. / 2:45p & Wed. / 1:00p / Salon V	Union University	Patricia Keene, DNP, ACNP-BC, ACHPN Tracy Saddler, DNP, ACNP-BC, CEN, CCRN Joy Thomason, MSN, RN Beckie Kossick, RN	✓	✓	Sepsis occurs all too frequently and is often not recognized early, resulting in an increased mortality rate. This interactive presentation with students will demonstrate the identification and care of the patient with sepsis, beginning with the admission of the patient with a possible urinary tract infection and progressing through patient assessment and the identifications of sepsis to the need for advanced cardiac life support. The latest guidelines of the surviving sepsis campaign will be included with the scenario. Evaluation #1022

TITLE	PRESENTED BY	FACILITATOR	CEU	CME	WORKSHOP DESCRIPTION
Setting Up Your Simulation: An Out-of-Body Experience Wed. / 1:00p / Salon IV	WakeMed Health & Hospitals	Fran Powell, RN, BSN	✓	✓	This workshop offers work arounds for setting up foles, IVs, IOs and central lines as well as tips and tricks to enhance the physical environment you are working in. The workshop involves a discussion of how creative thinking can provide solutions to the basic restrictions of simulators and a demonstration of solutions to the challenges of administering actual IV fluids and medications, the use of props when the real devices are unavailable; impractical or unnecessary and solutions to obstacles involving clothing. Evaluation #2001
Severe Trauma Simulations Tues. / 2:45p / Mtg. Rm. 12	U.S. Army, REDCOM-STTC	Jack Norfleet, BSEE, MBA			The Army has been working with METI and other vendors to develop more realistic simulations of severe trauma for field training. This session will provide an open forum for discussions and observations that have resulted from this research. Evaluation #1031
She's Bleeding: What Do We Do? Wed. / 2:15p / Salon VI	University of Saint Francis	Lorene Arnold DNP, RN, WHNP-C Stephanie Tippin MSN, RN, NP-C Marcie Weissner MSN, RNC-OB	✓	✓	Identification of emerging high-risk, low-occurrence situations and nursing actions is necessary for students in postpartum settings. This session focuses on use of a postpartum hemorrhage simulation with ASN and BSN students. The presentation will include a hands-on experience for the participants, innovative techniques to engage and manage seven to nine students during one simulation experience, identification of lessons learned and changes made to the experience, and evaluation data obtained. Evaluation #2023
Simulation Design and Education Practices: Student Perceptions Thurs. / 10:15a / Salon G	Brigham Young University	Patricia Ravert, RN, PhD	✓	✓	Findings from an instructional development research project with patient simulator experiences will be presented. Results derived from a 2-year study using 3 instruments (Simulation Design Scale, Educational Practices Questionnaire, and Student Satisfaction and Self-Confidence in Learning) focus group interviews. Evaluation #3035
Simulation for Assessment of Internationally Educated Nurses Wed. / 1:00p / Salon D	Kwantlen Polytechnic University	Jacqueline Baron, RN, MSN	✓	✓	This presentation will describe how simulation has been used to assess Internationally Educated Nurses who wish to practice in British Columbia, Canada. Simulation is used so IENs can demonstrate their professional knowledge, skills and abilities against entry-level nursing competencies. Learning gaps may also be identified, and education can be tailored to fit these learning needs. Evaluation #2014
Simulation for Practicing Clinical Personnel in the Hospital Setting Thurs. / 10:15a / Salon D	Mercy Gilbert Medical Center Chandler Regional Medical Center Chandler Regional Medical Center	Catherine Jagos, RN, MSN Marna Fontana, RN, BSN Donna Pachek, BS, RTT	✓	✓	This workshop discusses the use of simulation in the assessment of clinical competency for practicing hospital personnel with various levels of experience and in varied roles. It discusses the challenges and triumphs that occurred, the reactions of the staff and plans for the future. Evaluation #3034
Simulation in Air Medical Education Tues. / 4:15p / Mtg. Rm. 11	WakeMed Health & Hospitals	Amar Patel, MS, NREMT-P Paul Hinchey, MD, MBA, EMT-P	✓	✓	Integrating simulation into a classroom is often difficult. To take simulation into the air offers another level of complexity. In this workshop, we will discuss how our air medical crews utilize simulation and how research has become a valuable part of the curriculum. Evaluation #1050
Simulation Effectiveness Tool Tues. / 2:45p / Salon B	The Ohio State University	Victoria Elfrink, WKSP	✓	✓	The OSUCON began performing reliability studies on the METI PNCI Simulation Effectiveness Tool (SET) in 2007. Findings from that study suggested two subscales, "confidence" and "learning," and a high reliability of the overall tool. This presentation describes the findings from the second round of reliability testing, details the demographic results and highlights ways in which the SET can be used. Evaluation #1033
Simulation Outcome Measurement Wed. / 3:45p / & Thurs. / 9:00a / Salon D	The University of Iowa	Teri Boese, MSN, RN Ellen Cram, PhD, RN	✓	✓	This quasi-experimental study compared Case based learning; Simulation with reflection; and Simulation with narrative pedagogy and reflection. Outcomes measured were: performance and retention of intervention activities, student self-confidence and satisfaction, attitudes toward educational practices. The comparison of the results between generic BSN students and MSN/CNL (2nd degree MSN) students will be presented. Evaluation #2055
Simulation Specialist: Eclectic and Critical Partnerships Wed. / 2:15p / Salon B	Union University	Rebecca L. Kossick, RN	✓	✓	This workshop will provide healthcare providers, academic faculty and administrators with an overview of the multifaceted roles and value a RN serving as a simulation specialist provides in the overall functioning of a simulation center. In an attempt to control costs, some simulation centers have placed the expectation on faculty to not only deliver simulation curriculum but to assume operational responsibilities. In contrast, the use of an RN as a simulation specialist can more effectively meet simulation education requirements. Evaluation #2032
Simulation: A Multi-Tasking Experience Tues. / 1:30p / Salon B	University of South Alabama	Jacqueline Lollar, RN, MSN Janice Mendenhall, RN, MSN	✓	✓	Human patient simulation is one teaching strategy that can be utilized throughout the nursing curriculum. Methods to enhance critical thinking skills, psychomotor skills and communication skills through simulated scenarios will be described. An explanation of methods for nursing students to recognize and learn selected national patient safety goals via simulated scenarios will be described. Also addressed will be different approaches to evaluating student performances during the simulated scenarios. Evaluation #1013
Stan D. Ardman, the Ideal OSCE Patient Wed. / 3:45p / Mtg. Rm. 1	Richard G. Lugar Center for Rural Health	Hicham Rahmouni, MBA	✓	✓	A large appeal of Objective Structured Clinical Examinations (OSCEs) in training medical students and residents is they create a more realistic environment than paper-based exams. OSCEs can be standardized enabling fairer peer comparison, and complex procedures can be assessed without endangering patients' health. This presentation will demonstrate how using an HPS-facilitated the setup and enhanced the quality of the OSCE experience at Union Hospital's Family Medicine Residency Program. Evaluation #2044

TITLE	PRESENTED BY	FACILITATOR	CEU	CME	WORKSHOP DESCRIPTION
Strategies to Transition Simulation to Clinical Practice Thurs. / 9:00a / Salon C	<i>Penn State Erie, The Behrend College</i>	<i>Jo Anne Carrick, MSN, CEN</i> <i>Nicholaus Mieh, MSN</i>	✓	✓	Research has generated models and instruments for nurse educators to assess student proficiency in clinical judgment. This presentation describes clinical judgment research, theory and the use of Lasater's clinical judgment rubric to assess clinical judgment development of nursing students participating in simulated clinical experiences. Participants will have the opportunity to use Lasater's clinical judgment rubric and explore self-reflection strategies to bridge the simulated experience with direct patient care experiences. Evaluation #3013
SUCCEED with Simulation! An Educational Program for Faculty Tues. / 4:15p / Salon C	<i>St. Petersburg College</i>	<i>Sarah Moseley, DNP, FNP, RN</i>	✓	✓	This workshop will provide an overview of a proven method for increasing nurse faculty's attitudes, comfort, confidence, and competence in using simulation as a teaching strategy (p<.05). It has empowered faculty to incorporate this innovative teaching strategy into their curriculum. The faculty training was funded by the 2007 Succeed Florida Critical Professionals Nursing Program grant. Evaluation #1054
Surgical Skills Lab Training (Session I) Wed. / 1:00p / Mtg. Rm. 8	<i>Baystate Medical Center</i>	<i>Neal Seymour</i>	✓	✓	<ul style="list-style-type: none"> <li>Assembling the components of high-value surgical lab training</li> <li>Vision for Surgical Curricula</li> <li>Implementing the Phase 1 curriculum: Practical considerations for programs of all sizes</li> <li>Procedural training</li> </ul> Evaluation #5000
Surgical Skills Lab Training (Session II) Wed. / 3:45p / Mtg. Rm. 8	<i>Baystate Medical Center</i>	<i>Neal Seymour</i>	✓	✓	<ul style="list-style-type: none"> <li>In-OR assessment</li> <li>Value presentation</li> <li>Panel Discussion (all speakers)</li> </ul> Evaluation # 5100
Surgical Team Training Thurs. / 9:00a / Mtg. Rm. 8	<i>Baystate Medical Center</i>	<i>Neal Seymour</i>	✓	✓	<ul style="list-style-type: none"> <li>Human Factors Considerations in Team Training</li> <li>Teamwork Problems and Training Solutions: The Nurse's Perspective</li> <li>Teamwork Problems and Training Solutions: The Anesthesiologist's Perspective</li> <li>Teamwork Problems and Training Solutions: The Surgeon's Perspective</li> <li>Panel Discussion</li> </ul> Evaluation # 5200
Sustainability for Simulation Tues. / 4:15p / Salon G	<i>Napa Valley College</i>	<i>Margaret M. Craig, RN, MS</i>	✓	✓	Many simulation centers were established on "soft money" or grant funds. This workshop will offer an opportunity for administrators and staff to explore dynamic ideas for future funding and security. Evaluation #1056
Taking Your Simulation Program on the Road Thurs. / 9:00a / Mtg. Rm. 6	<i>Children's Hospitals and Clinics of Minnesota</i>	<i>Susan Forve, MBA, M.Ed.</i>	✓	✓	In this workshop, participants will create a mobile simulation lab that fits your organization's expertise and provides opportunities for healthcare professionals and students to benefit from simulation without having to travel to your facility. Evaluation #3006
Talk to the METI Tech Thurs. / 11:30a / Mtg. Rm. 4	<i>METI</i>	<i>Tyrone Scott</i>	✓	✓	Customer questions on METI simulators will be answered. If answers cannot be immediately provided, the questions will be recorded and answers will be sent to the customer after HPSN09. Evaluation #3045
Teaching Simulation Around the World Via a Robot: How Could It Be? Tues. / 4:15p / Mtg. Rm. 1	<i>Nursing Institute of West Central Ohio</i>	<i>Debi Sampsel, MSN, RN</i>	✓	✓	The Nursing Institute of West Central Ohio conducted a faculty/student research project utilizing a METI simulator and a remote presence robot. The outcomes of this study will be shared along with the research design, lessons learned and the programs that have resulted. Participants will have a hands-on opportunity to experience teaching a simulation session through the lens of a robot. Evaluation #1044
Teaching the Impact of Aging with Repeated Perioperative Scenarios Thurs. / 11:30a / Salon B	<i>Chamberlain College of Nursing</i>	<i>Max Bishop, MSN, RN</i> <i>Patricia Bishop, MSN, RN</i>	✓	✓	This workshop discusses a project that introduced critical thinking skills and prioritization of skills with emphasis on the effect of aging. Nursing students nearing completion of the fundamentals course prior to the start of clinical rotations participated in scenarios, in groups of three, that compared nursing care based on the aging process. The use of a high fidelity simulation mannequin (HFSM) with a 35-year-old female patient recovering from an abdominal surgery was contrasted with a 75-year-old female patient with the same procedure. The setting is the medical-surgical unit immediately after transfer from the postanesthesia care unit. Evaluation #3052
The "Senses" of HPS Tues / 4:15p / & Thurs. / 9:00a / Salon V	<i>Brigham Young University</i>	<i>Patricia Ravert, RN, PhD</i> <i>Starla Aragon</i> <i>Amy Kotter</i>	✓	✓	Drawing on the five "senses" in a simulated environment, students increase knowledge and skills leading to higher confidence in real life situations. In this workshop the student workers will discuss their roles such as setting the scene, running the simulator, and role playing to maximize the use of all five senses. A scenario will be conducted with workshop participants acting in the student/learner role. Evaluation #1042
The Art of Trauma Simulation Tues. / 1:30p / Mtg. Rm. 12	<i>American Medical Response</i>	<i>Bruce Stricker, EMT-A, FTO</i>	✓	✓	Learning to simulate trauma/illness utilizing METI simulators will greatly magnify the learning and reality experienced by students when treating a patient utilizing realistic moulage techniques. Creating real-life trauma simulations that are believable and test your student, clinician or field EMS personal knowledge and skills. You will learn multiple realistic and easy moulage techniques in this unique class. Evaluation #1011
The Dutch Residency Simulation Program, a National Approach Tues. / 1:30p / Mtg. Rm. 10	<i>Leiden University Medical Center</i> <i>University Hospital of Maastricht</i>	<i>Thomas Werle, MD</i> <i>Pieter Borg, MD</i>	✓	✓	The Dutch Society of Anesthesiology has integrated full-scale simulator training into the residency program. The poster session will describe the current status and the aims of this program. Evaluation #1009

TITLE	PRESENTED BY	FACILITATOR	CEU	CME	WORKSHOP DESCRIPTION
The METI Cup Wed. /2:15p / Mtg. Rm. 7	STARS Centre  Revive Medical  University of Michigan Survival Flight	Mike Lamacchia, CMTE, EMT-P  Kevin King, CCP(f), MBA  David Roberts, RN/ EMT-P/CFRN, CMTE  Michael Chesney	✓	✓	This interactive session will involve two one-hour workshops run concurrently. The first hour will highlight the METI Cup showcasing the University of Michigan's Survival Flight, how to prepare for the competition and the benefits of the competition. The second hour will discuss the creation of the Critical Care & Transport Simulation Curriculum demonstrating how you will be able to integrate this type of curriculum into your current training. Evaluation #2027
The Morning After: Psych Sim Wed. /1:00p / Salon VI	BryanLGH College of Health Sciences	Jodi A. Nelson, MSN, RN, CNE	✓	✓	This workshop will demonstrate how to conduct a scenario with a patient that has come into the hospital intoxicated with injuries as the result of a fight. You will learn how to set the scene, communicate as the patient, facilitate as faculty at the bedside, and conduct a reflective debriefing discussion leading to effective student learning. Evaluation #2003
The New Simulator: Made to Order for Nursing Faculty and Students Tues. /4:15p, Wed. 2:15p, Thurs. /11:30a / Salons I, II, III	Medical Education Technologies, Inc.	Christie Pawley, MSN, RN  Judy Johnson-Russell, Ed.D., RN	✓	✓	This workshop will highlight the features of the all new simulator designed especially for nursing faculty. METI designed this simulator with the special features nursing faculty have requested to assist students in providing optimal care. Many of the new features promote the learning of skills such as the ability to put down an NG tube and suction from a tracheostomy. All the new features will be demonstrated and participants will have the chance to see and test out the new features. Participants will also be afforded the opportunity to participate in a short SCEs utilizing these new features. Evaluation #1020
The One-Room Schoolhouse for Simulation Wed. /2:15p / Salon G	Christiana Care Health System	Chuck Fort, RN, MSN	✓	✓	This session is about the development of a one-room simulation lab, from the loading dock, through a 600-square-foot room, to an 1100-square-foot room. Plans for the future will be described. The advantages and disadvantages of starting small and growing slowly will be discussed. Evaluation #2035
The Power of Simulation in Teaching Response to a Code Tues. /4:15p / Salon VI	USF College of Medicine  USF College of Nursing	Frederick Slone, MD  Marisa Belote, RN	✓	✓	This workshop will show how to set up a mock code situation that occurs on a regular floor of the hospital and how to effectively train undergraduate nurses to respond to a code in this type of situation. This workshop will go over how to set up the simulation, run the simulation, create student roles and evaluate performance. Data will be given concerning our two-year experience with this program at the USF College of Nursing. Evaluation #1043
The Respiratory Care Learning Module Wed. /2:15p / Mtg. Rm. 1	Medical Education Technologies Inc.  American College of Chest Physicians	Nic Tekancic  Chad Jackson, BS, RRT, CHT	✓	✓	This workshop is an overview of respiratory disease process and how simulation can enhance understanding. Technology related to specific disease process based on current research and practice is highlighted with demonstration and hands-on opportunity with the simulator to illustrate patient response to appropriate care. Evaluation #2024
The YIN and YANG of Initiating PERIOP Simulation Tues. / 2:45p / Mtg. Rm. 4	Cincinnati Childrens Hospital Medical Center (CCHMC)	Jerome Bauer, RN  Tiffany Pendergrass, RN, BSN, CPN  Tom LeMaster, RN, MSN, Med	✓	✓	This workshop will traverse through the bright and dim experiences of implementing the use of simulation and simulators in a PERIOP Serious Safety Events (SSE) reduction program at CCHMC. We will cover how this was initiated (Institution wide goal to reduce SSE by 80%), our centers experience birth and development of the PERIOP team, team dynamics, course development, development of scenarios, onward to the start of the SSE Course. Evaluation #1025
To Die or Not Die? That is the Question! Part I Thurs. / 9:00a / FL Salon IV	University of Wisconsin School of Medicine and Public Health  Bryan LGH College of Health Sciences	Eric Bauman, RN, PhD, Paramedic  Kim Leighton, RN, PhD, CNE	✓	✓	Allowing the simulator to die during simulated experiences has long been a topic of controversy for a long time. Anecdotally, some students appear to embrace the educational value that situated simulated patient death can provide. This participant-centered hands-on interactive workshop will actively engage participants in the care of dying patients followed by debriefing. Participants will engage in identification and discussion of faculty concerns, while exploring the benefits of using patient simulation to facilitate end-of-life care education. Evaluation #3001
To Die or Not Die? That is the Question! Part II Thurs. / 10:15a / FL Salon IV	University of Wisconsin School of Medicine and Public Health  Bryan LGH College of Health Sciences	Eric Bauman, RN, PhD, Paramedic  Kim Leighton, RN, PhD, CNE	✓	✓	Allowing the simulator to die during simulated experiences has long been a topic of controversy for a long time. Anecdotally, some students appear to embrace the educational value that situated simulated patient death can provide. This participant-centered hands-on interactive workshop will actively engage participants in the care of dying patients followed by debriefing. Participants will engage in identification and discussion of faculty concerns, while exploring the benefits of using patient simulation to facilitate end-of-life care education. Evaluation #3021
Training Nursing Students to Recognize Pregnancy-Induced Hypertension Thurs. / 11:30a / FL Salon V	School District of Hillsborough County	Frances Williams, BSN  Carla Whaley, BSEd	✓	✓	While death from childbirth in America is a rare occurrence, it can and does happen. Keeping this in mind, it is critical for the nurse to recognize signs and symptoms of preeclampsia. Elevated B.P. proteinuria and/or edema are early indicators while headache and seeing spots before the eyes are more ominous signs. This workshop demonstrates how the ECS is an ideal model to teach requisite skills to monitor the Ante post-partum patient. Evaluation #3042
Training Tomorrow's Rural Healthcare Providers Thurs. / 9:00a / Mtg. Rm. 10	Richard G. Lugar Center for Rural Health  Indiana State University	Hicham Rahmouni, MBA  Michele Pantle, RN, MSN, FNP  Ellen Hughes, MS	✓	✓	This workshop will highlight an innovative collaboration to integrate simulation as part of a comprehensive rural curriculum at the Landsbaum Center for Health Education in Terre Haute, Indiana. We've adopted a multidisciplinary team approach to healthcare delivery and provider training. Residents, medical, nursing and counseling students use simulation as a segue from the bench to the bedside. While challenging, and at times frustrating, this journey has been a rewarding one. Evaluation #3008
Up and Running! Generic Scenarios Get You Using Stan on Day One Thurs. / 10:15a / Mtg. Rm.6	Southern Alberta Institute of Technology	Blair Lindsay, EMT-P, BHSc, MA	✓	✓	It takes time to develop expertise in scenario development and delivery. This hands on workshop will allow participants to construct one or more 'generic' scenarios which can be easily applied - even by novice faculty learning the simulator - to create complex and challenging patient care presentations. Evaluation #3026

\*Clinical interest tracks noted on pages 30-31.

TITLE	PRESENTED BY	FACILITATOR	CEU	CME	WORKSHOP DESCRIPTION
Use of Simulation for High Stakes Exams Thurs. / 9:00a / Mtg. Rm. 1	USF College of Medicine	Frederick Slone, MD	✓	✓	This workshop will explain how to set up simulation for use in a high stakes exam and will relate our experience using this technique for the National Board Certification Testing for Disaster Medicine. Evaluation #3004
Using an EMR with Simulation Wed. / 3:45p / Salon G	The Ohio State University	Barbara Mays, BSEd, RN	✓	✓	The use of electronic medical records in conjunction with simulation provides comprehensive and data-rich information. Based on the level of experience, the complexity of the EHR and simulations can increase not only in the care required, but can also include factors such as family dynamics, demographic influences, and community resources that represent individual needs. Evaluation #2054
Using iStan to Rewrite the Assessment Rule Book for UK Nurse Education Thurs. / 10:15a / Mtg. Rm. 7	University of Huddersfield	Andrew Bland, MSc, BSc (Hons), DPSN, RGN Andrew Sutton	✓	✓	This interactive workshop summarizes the development and implementation of an assessment strategy utilizing iStan® to assess underpinning knowledge of third year BSc (Hons) and Dip HE Nursing Students at the University of Huddersfield. Delegates will have the opportunity to participate in a simulated assessment. Evaluation #3027
Using Remote Presence Faculty Robot for Nursing Education Tues. / 2:45p / Mtg. Rm. 1	Nursing Institute of West Central Ohio	Debi Sampsel, MSN, RN, LNHA	✓	✓	This workshop will address the application of the remote presence robotic teaching in the nursing field as a way to provide continuity, expert instruction, mentoring capacity and ease to the endeavor of clinical instruction, particularly in the simulation lab, via the wisdom and experience of seasoned nursing faculty. The remote robotic presence can be utilized to allow elderly, disabled or remote nursing faculty to teach in a human patient simulator skills lab. Evaluation #1024
Using Screen-Based Simulation to Assess Drug Dose Calculation Ability Tues. / 2:45p / Mtg. Rm. 8 Thurs / 10:15a / Mtg. Rm. 10	University of Glamorgan Case Western Reserve University	Keith W. Weeks, PhD John Clochesev, PhD, RN, FAAN, FCCM	✓	✓	This workshop focuses on a joint UK and USA based research programme aimed at the evaluation of our authentic diagnostic assessment environment as an innovative solution for assessing medication dosage problem-solving and computation performance. We employ the Gulikers et al (2004) five-dimensional framework as a criterion measure for evaluating the assessment authenticity of the environment. Evaluation #1028
Using Simulation and Modeling to Enhance Learning in L&D Scenarios Thurs. / 10:15a / Salon VI	Mount Carmel College of Nursing	Mary A. Gregg, MS, RN, CNM Karen Morrow, MS, RN, CNM Dawn Hughes, MS, RN Shirley Cooley, RN, MSN	✓	✓	Simulation can be used to provide a realistic labor and delivery experience for undergraduate nursing students, giving them the opportunity to make assessments, analyze data and deal with emergencies that may arise in the clinical setting. Faculty in the OB setting will discuss how they use a simulation involving a laboring woman with pre-eclampsia who develops mag sulfate toxicity with their junior level BSN students. They will also discuss the use of a DVD in which faculty model the same scenario for their students. Ways to moulage the simulator as a laboring woman in order to suspend disbelief will be demonstrated as part of the presentation. Evaluation #3023
Using the HPS6 Software: Condition, Fluids and Drugs Tues. / 1:30p / & Thurs. / 10:15a / Mtg. Rm. 9	METI	Dina Modesto, BA EMT-P	✓	✓	This highly interactive hands-on workshop with the HPS6 software will focus on the Condition, Fluids and Drugs Tabs. The METI faculty will walk through each of the tab's parameters and offer tips on their use. The use of these parameters in the ECS, the HPS and iStan will be highlighted. Participants are encouraged to bring their own computers. The room will be equipped with a limited number of laptops. Evaluation #2090
Using the HPS6 Software: Scenario Creation, Part I Wed. / 2:15p / Mtg. Rm. 9	METI	Mark Tuttle, BS, NRMT-P	✓	✓	This highly interactive hands-on workshop with the HPS6 software will focus on tips for creating scenarios, in particular, those involving an adjustment in BP, HR, RR, and SpO2. The creation of scenarios in the ECS, the HPS and iStan will be highlighted. Participants are encouraged to bring their own computers. The room will be equipped with a limited number of laptops. Evaluation #3091
Using the HPS6 Software: Scenario Creation, Part II Wed. / 3:45p / Mtg. Rm. 9	METI	Pat Wolf, BS, NREMT-P Adam Reading	✓	✓	This highly interactive hands-on workshop with the HPS6 software will focus on tips for creating scenarios, in particular, those involving an adjustment in BP, HR, RR, and SpO2. The creation of scenarios in the ECS, the HPS and iStan will be highlighted. Participants are encouraged to bring their own computers. The room will be equipped with a limited number of laptops. Evaluation #3092
Using the HPS6 Software: Scenario Editing Thurs. / 11:30a / Mtg. Rm. 9	METI	Rob Shotto Adam Reading	✓	✓	This highly interactive hands-on workshop with the HPS6 software will focus on editing scenarios, in particular, the preconfigured METI scenarios. The editing of scenarios in the ECS, the HPS and iStan will be highlighted. Participants are encouraged to bring their own computers. The room will be equipped with a limited number of laptops. Evaluation #4092
Using the HPS6 Software: The Cardiovascular Tab Tues. / 4:15p / & Wed. / 1:00p / Mtg. Rm. 9	METI	Mark Tuttle, BS, NRMT-P	✓	✓	This highly interactive hands-on workshop with the HPS6 software will focus on the Cardiovascular tab. The METI faculty will walk through each of the tab's parameters and offer tips on their use. The use of this parameter in the ECS, the HPS and iStan will be highlighted. Participants are encouraged to bring their own computers. The room will be equipped with a limited number of laptops. Evaluation #2092
Using the HPS6 Software: The Respiratory Tab Tues. / 2:45p / & Thurs. / 9:00a / Mtg. Rm. 9	METI	Nik Tekantic, BSN, RN	✓	✓	This highly interactive hands-on workshop with the HPS6 software will focus on the Respiratory tab. The METI faculty will walk through each of the tab's parameters and offer tips on their use. The use of these parameters in both the ECS, the HPS and iStan will be highlighted. Participants are encouraged to bring their own computers. The room will be equipped with a limited number of laptops. Evaluation #2091
Utilizing Checklists to Evaluate Learner Performance Thurs. / 11:30a / Mtg. Rm. 12	American College of Chest Physicians	Viva Jo Siddall, MS, MS, RRT, RCP, CCMEP Chad Jackson, BS, RRT, CHT	✓	✓	This workshop will focus on the technique of developing a checklist for assessing and evaluating the performance of learners in simulation enhanced learning environment. Topics will include developing the developing the checklist, and learning how to use the checklist for curriculum development. Evaluation #3050

TITLE	PRESENTED BY	FACILITATOR	CEU	CME	WORKSHOP DESCRIPTION
Utilizing HPS in Assessing Clinical Competency of Hospital Nurses Thurs. / 9:00a / Mtg. Rm. 4	West Jefferson Medical Center	Melissa Matherne, BSN, CMSRN Janice Taulli-Lasseigne, RN, MN	✓	✓	This course will provide participants with an understanding of how to incorporate HPS in determining clinical competency of hospital nurses. A discussion and overview of competency assessment will be followed by a demonstration and discussion of "Code Blue" competency. Evaluation #3005
Utilizing Simulation for Competency Testing Thurs. / 11:30a / Mtg. Rm. 11	Bethesda North Hospital	Joshua Ingham, RN, BSN, EMT-P Randall Johann,	✓	✓	In this session, we'll discuss our experience in using the HPS to evaluate the paramedic skills of new-hire candidates for a local fire department. The HPS was one part of a comprehensive hiring process developed and implemented through collaborative efforts of the simulation lab staff and the fire department administration. Evaluation #3049
Utilizing the APN as a Resource in Simulation Learning Wed. / 3:45p / Salon C	Grand Canyon University	Sarah Badalamenti, RN, MSN, GCNS-BC Jocelyn Nelms, RN, BSN	✓	✓	The DKA scenario is modified to include the roles of the APN (CNS or NP) in a clinical situation. This workshop describes how the DKA scenario is altered to demonstrate how the CNS student can practice various aspects of CNS practice - such as patient/nursing staff education, consultation, protocol implementation and role modeling. CNS spheres of influence will also be addressed as will debriefing. Evaluation #2053
Who's Talking to Whom? Teaching Effective Communication Wed. / 3:45p / Mtg. Rm. 10	Collin College	Joyce Sizemore, MS, RN Susan Kamath, MN, RN Kathleen Blust, MSN, RN Jackie Langford, BA	✓	✓	This workshop discusses and demonstrates communication between EMS, nursing and respiratory caregivers and offers strategies to improving that communication. Evaluation #2048
Why Do We Make Mistakes in Medicine? Is it Too Late to Change? Thurs. / 10:15a / Mtg. Rm. 13	Cincinnati Children's Hospital Medical Center	Michael Moyer, MS, EMT-P	✓	✓	According to the Institute of Medicines report, as many as 98,000 errors occur in Medicine annually. Education in Medicine is changing in that simulation has evolved in multidisciplinary training, serious safety event training as well as in patient safety. We will review the psychology of errors in medicine, the methods to incorporate simulation as an educational tool and, most importantly, how we can learn from these two combined concepts. Evaluation # 3031
Wow, That's a Great Idea! Integrating Simulation Innovatively Thurs. / 11:30a / Salon C	Waukesha County Technical College	Linde Wolfgram, RN, MSN Annette O'Leary Quinn, MSN, APNP Karen Boggio, RN	✓	✓	This session will showcase the variety of methods we have implemented to integrate simulation into our nursing curriculum in our initial year. This workshop will provide participants with information useful for improving and increasing simulation use in their own nursing programs. Evaluation #3053