July 22 Schedule
As of June 24

7:00-9:00 AM  Rotunda
Registration

8:00-9:00 AM  Rotunda & Hallway
Breakfast
Exhibitors’ Row Open

9:00-9:15 AM  Lecture Hall
Introductions
Faculty: SimOps 2016 Planning Committee

9:15-10:00 AM  Lecture Hall
Plenary Session: Inspire: Why What We Do Matters
Speaker: John Schaefer, III, MD, Director, Healthcare Simulation of South Carolina,
Medical University of South Carolina, Charleston, SC

10:00-10:15 AM
Break
July 22 Schedule
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10:30 AM - Noon  Group Room 208
#24003 Advanced Assessment and Debriefing Techniques for Inter-Professional Teams
Team Development and Communication, Panel Presentation
Course Director: Geoffrey T Miller, MS, EMT-P
This workshop will introduce advanced assessment and debriefing techniques to identify, evaluate, analyze and debrief inter-professional team performance. Participants will review best practice examples of advanced assessment tools and instruments focused on inter-professional team performance measures. Faculty will discuss techniques used to debrief advanced inter-professional teams to improve organizational effectiveness.

10:30 AM - Noon  Pharmacy 206
#23847 Why Do I Need to Do THIS? Understanding Simulation Center Goals
Professional Development, Workshop
Course Director: Shelita Y. Kimble
Faculty: Andrew Cross
Why do I need to track this? Why do I need to report that? Goals, what goals? What is ROI anyway? Have you ever asked these questions? This presentation will help the Simulation Operation Specialist understand the managerial and operational principles associated with delivering and tracking simulation activities.

10:30 AM - Noo  Learning Studio 105
TeamSTEPPS in the Simulation Center: Can you Hear me Now?
HCSSC Sponsored Course, Podium Presentation
Course Director: Laura W. Barrett, RN, MN, CHSE, Robert R. Morgan, Jr. MD, MBA, CHSE
Effective communication is critical for success in the workplace, especially in complex, production-driven, rapidly-changing environments. In healthcare settings, ineffective communication leads to medical errors and bad outcomes. In the Simulation Center, communication difficulties decrease the productivity of staff and impede achievement of the Center’s mission. Frequently, effective communication in the workplace is personality or situation dependent. Building on the experience of commercial aviation, the U.S. Department of Defense developed TeamSTEPPS (Team Strategies and Tools to Enhance Performance &
Patient Safety), a program of proven techniques to mitigate the communication and teamwork challenges in the complex, high stakes healthcare environment. In this interactive session, we describe how to utilize specific TeamSTEPPS techniques to conquer communication challenges in Simulation Center.

10:30 AM - Noon  Sim Procedure Room
#23749 Conflict with Colleagues: Up Close and Professional
Team Development and Communication, Panel Presentation
Course Director: Kerry Knickle, LLM (ADR)
Faculty: Nancy L McNaughton, M.Ed., Ph.D.
Collegial conflict may not occur every day, but tension between colleagues is usually about what people think and feel, but seldom say. Regardless of specialty, personal and professional circumstances are shaped through communication. This course will answer the question, How do we effectively communicate our concerns with a colleague when values or perspectives clash?

10:30-Noon   Sim Classroom A and B
#23473 Get Buy in and Train Others: Use your Resources!
Professional Development, Workshop
Course Director: Cynthia Shum, DNP, MEd, RN,CHSE-A
Faculty: John Gaudet, MPH
You have a simulator or two and maybe some space. Now what? What resources do you have? How do you convince others that simulation is not only cool but, a better way to teach? How do you train faculty? This workshop will explore various methods for getting people on board to conduct simulation, how to encourage faculty to become simulation instructors, and examine a model for creating and tracking a faculty development plan.

10:30-Noon   CS Classroom 1
#23531 Mass Casualty Simulation: Design and Implementation
Scenario Development, Workshop
Course Director: Aaron Dix, MBA
Faculty: Rob R Morgan, Jr, MD, MBA
Conducting routine disaster drills ensure a community’s ability to provide an integrated and coordinated response to large scale incidents. However, large scale drills are complicated and difficult to plan and execute. This course will discuss the fundamentals of planning and executing a mass casualty drill, using an active shooter scenario involving 150 participants.

10:30-11:30 AM   Learning Studio 106
Distance Simulation for EMS: Improving Critical Decision Making
HCSSC Sponsored Course, Podium Presentation
Course Director: David French, MD, FACEP, FAAEM, Ragan DuBose-Morris, PhD
This course will provide an overview of a new educational modality that integrates established simulation and telehealth technologies to extend training opportunities to EMS personnel across the state. The extension of existing systems for training new provider audiences has application for other health professionals and in other educational environments.

10:30 AM - Noon   Multi-Disciplinary 371
#23731 (HCSCC Sponsored) Single Patient, Multi-problem Scenarios: The Many Faces of Nigel Martinez
Scenario Development, Podium Presentation
Course Director: Karen Rogers, MSN, RN, CNE
Faculty: Sharon Holden, RN, MSN, Patricia Weiner, RN, MSN, M.Ed
This course will highlight the single patient, multi-injury scenario, utilized for application of the PQRST analysis with students in an Associate Degree Nursing program. We will discuss the development and implementation process of using the single patient, multi-injury scenario via high fidelity simulation to review course concepts introduced in previous classroom and online settings.

10:30-Noon   Multi-disciplinary Lab 372
#23894 Implement a Preventative Maintenance (PM) Program: Advanced Leadership Operational Management, Podium Presentation
Course Director: Adam Dodson, NRP, NCEE, CCEMT-P
During this course, faculty will discuss organizational strategies, preventive maintenance programs as per manufacturers recommendations, and the implementation of short cuts that can improve current PM processes.

10:30-11:30 AM  CS Classroom 2  
#26034 Simulation Training in the Health Professions using an Academic Electronic Health Record  
Scenario Development, Podium Presentation  
Course Director: Prof. Stephen Burrows, DPM, CPIMS, FHIMSS  
Simulation training is a key component of training healthcare students. An Academic EHR is one simulation tool and is an adapted from clinical systems with modifications that for academic curricula. Simulation training provides students a non-threatening approach to technology that students will use once they begin their clinical careers.

10:30-11:30 AM  Sim Room 4 and 5  
#23458 Mirror Patients: Use Patient Encounters to Enhance Scenario Development change to 90 min  
Scenario Development, Podium Presentation  
Course Director: Sean Cavanaugh  
Faculty: Rahul Panesar, MD  
The Mirror Patient approach uses an existing patient to profile a simulated patient during a scenario. This method requires using the actual name, history, physical traits, lines, and findings of an admitted patient to serve as the simulated patient in a scenario. This interactive presentation will highlight the strengths and challenges of using this method. Faculty will provide a template for mirror patient design that can be used for practice.

12:00-1:30 PM  Rotunda, Outside Reception Area, Lecture Hall, Hallway  
Lunch
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12:00-1:30 PM  Lecture Hall
Technology Development Forum (Exhibitors close at 1:30)

1:30-3:00 PM  CS Classroom 1
#23832 Mobilize Your World: Building a Mobile Simulation Project
Scenario Development, Workshop
Course Director: Crystal L Bencken, MSN, RN, CEN, CPEN
Faculty: Tara Nicole Johnson
This course is for learners who want to develop a new mobile simulation project or improve a current one. Participants should come with a mobile simulation idea or project that they want to implement. Pulling from their experiences, the presenters will instruct and work alongside participants to bring their projects to life!

1:30-3:00 PM  Sim Room 4 and 5
#26040 Creating A Simulation Management System: Combining Microsoft Sharepoint, Excel, PowerApps, and BI
Operational Management, Workshop
Course Director: Cronwel Noel Irias
The cost of simulation is an area that varies dramatically from one facility to another. Simulation facilities that are growing may be at a disadvantage to fully communicate its utilization and needs. This type of information becomes important when deciding how to expand, what resources are necessary, and what is appropriate for growth. Metrics become important to understanding the direction of expansion.

1:30-3:00 PM  Learning Studio 105
#23733 Team Communication: Let's Talk
Team Development and Communication, Podium Presentation
Course Director: Ronald Ulrich, BA, EMT, CHSE, CHSOS
Faculty: James Anglim, BS, EMT-B
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In this presentation, faculty will discuss a number of low or no cost communication solutions designed to improve team communication. Implementation strategies and expected outcomes will be shared. Communication techniques discussed will be based on not only tried and true interventions, but on new strategies and innovations as well.

1:30-3:00 PM   Sim Classroom A and B
#23689 Moulage: The When, Why and How
Technical Operations, Workshop
Course Director: Dana Michelle Mize
This course assists those interested in the creation and special effects application of simulated injury makeup. Participants will review how to safely and properly create and affix silicon rubber appliances, as well as how to apply theatrical cosmetics on top of these ‘wounds’ to achieve utmost realism. This course will involve a lively hands-on approach which will allow attendees to practice these techniques.

1:30-3:00 PM   Pharmacy 206
#23913 Create Your Lean Mean Simulation Team
Team Development and Communication, Workshop
Course Director: Jamie Stiner
Faculty: Andrew E Spain, MA, NCEE, EMT-P
LEAN and TeamSTEPPS are quality improvement methods that enhance operations by streamlining processes and improving teamwork and communication. This workshop will teach participants how to use both tools through engaging exercises which highlight concepts that they can take back to their simulation centers to increase the efficiency of their operations and the effectiveness of their team.

1:30-3:00 PM   Sim Procedure Room
#23997 Make Your Own Manikin Repairs: The Show Must Go On!
Technical Operations, Workshop
Course Director: Gene Hobbs, CHSE
This course addresses maintenance and repairs for Gaumard, CAE and Laerdal manikins. Simulation centers can be negatively impacted when manikins fail to operate optimally. Through a hands-on immersive experience, users will be shown how to perform appropriate maintenance and repair on a variety of manikins. Becoming more knowledgeable about manikin repairs can help centers maintain simulation operations.

1:30-3:00 PM   Learning Studio 106
#23751 Maximize Time between Scenarios with Use of Skill Stations
Scenario Development, Workshop
Course Director: Amy Sorrell Hayes, MSN, RN, CNE, CHSE
Development of skill stations can enhance the efficiency of a simulation, but requires careful planning and creativity. This workshop will introduce participants to a systematic process to begin development, implementation and scheduling of skill stations. Attendees will participate in hands on learning to originate an idea for skill stations and begin development of same.

1:30-3:00 PM   Multi-Disciplinary 372
Threading a Single Case Study into the Curriculum Supporting Course Concepts, Student Portfolio Simulation Activities
HCSSC Sponsored Course, Podium Presentation
Course Director: Nancy L. Ofendo Reyes, BSN, MN
Utilizing a single-client- evolving case study threaded into the different nursing courses introduced critical thinking skills within various course concepts. The progression of the case studies supports the student learning outcomes, while incorporating the use of simulation, electronic health records and real-world-bedside care. In the capstone course, the students review and evaluate the care provided throughout the semesters and address issues related to accountability of care.

1:30-2:30 PM   Lecture Hall
#23671 Pro-Con Debate: Benefits and Consequences of Manikin Death (Live & Let Die)
Scenario Development, Panel Presentation
Course Director: Sean Cavanaugh
Faculty: Thomas E Corrado, MD, Aaron Dix, MBA, Steven Atkinson, CCEMT-P, BA
Manikin death has emerged as a controversial topic in the simulation community. Some programs prohibit manikin death entirely, while others see it as an essential teaching tool. In this course, experts will debate the pros and cons of manikin death, and moderate what promised to be a lively discussion of the risks and benefits of manikin death.

3:00-3:15 PM

Break

3:15-4:15 PM   Multi-Disciplinary 371
#23854 Improve your Simulation Skills Through Credentialing
Professional Development, Podium Presentation
Course Director: Andrew E Spain, MA, NCEE, EMT-P
This presentation will examine the role of Accreditation and Certification in supporting consistency in healthcare simulation development, delivery, and outcomes while allowing for the creativity and flexibility often needed.

3:15-4:45 PM   Classroom Pharmacy 206
#23848 Institution Wide Quality Improvement from the Operator's Seat
Professional Development, Workshop
Course Director: Gene Hobbs, CHSE
Quality Improvement initiatives can be implemented using simulation-based activities. This course will discuss ways to design, coordinate and execute high-impact, inter-departmental, interprofessional events that apply multi-modal simulation (e.g. task trainers, standardized patients, high-fidelity manikins) and blended education (e.g. didactic, skills training, in situ simulation, video debrief) to meet Institutional QI goals.

3:15-4:45 PM   CS Classroom 2
#23865 Simulation Technology Resource Management: A Streamlined Approach
Operational Management, Workshop
Course Director: Andrew Cross
Faculty: Shelita Y. Kimble, Dawn Swiderski, MSN, RN, CCRN, CHSE
Medical simulation technology is much more than manikins and partial task trainers. Rather, it is comprised of a collection of things including scheduling, video recording, data collection, payroll, and much more. The use of multiple technology systems is often times poorly designed, leaving people stuck with impractical solutions. This course will discuss ways to manage the use of simulation technology through smart design and integration.

3:15-4:45 PM Sim Classroom A and B
#23850 Debriefing Sessions with the Entire Simulation Team
Team Development and Communication, Workshop
Course Director: Stephen C. Charles, MS, MA, PhD, CHSE
It is important that simulation teams debrief with themselves to discuss the execution, effectiveness, and outcomes of the simulations that they perform. This course will illustrate how to implement a debriefing session for the entire simulation team members (educators, operators, faculty, ipe leaders) after finishing a debriefing session with learners.

3:15-4:45 PM Sim Procedure Room
#23634 3D Printing and Rapid Prototyping
Technical Operations, Workshop
Course Director: Jim Mooney, MD
This course utilizes a combination of hands on and group activities to help learners explore the potential applications of 3D printing and rapid prototyping in simulation. Whether the need exists for new cabinet handles or dismembered anatomic parts, these techniques are accessible for use in healthcare simulation. Faculty will discuss the utility of 3D printing and rapid prototyping, potential uses, and share examples prototypes created.

3:15-4:45 PM CS Classroom 1
#23691 Foundational Building Blocks of Operations: Policies and Procedures Development
Operational Management, Workshop
Course Director: Dawn Swiderski, MSN, RN, CCRN, CHSE
Robust policies and procedures are the essential foundation for operating a successful simulation center. This course will help participants discover the types of policies and
procedures that should be implemented to support the center’s mission and vision. Participants will receive an overview of what policies and procedures are, learn how to create their own Policy and Procedure Manual, and leave with examples.

3:15-4:45 PM    Multi-Disciplinary Lab 371
#23942 Scenario Creation Made Easy - An Interactive, Step by Step Approach to Scenario Creation!
Scenario Development, Workshop
Course Director: Jamie Stiner
Faculty: Thomas Dongilli, AT, CHSOS
Scenario creation can a be complicated and time consuming task. In this interactive workshop, participants will be given a chance to interact with faculty members and facilitators to create a scenario from the beginning, review and discuss best practices for scenario creation and understanding what tools are available to assist with the development of scenarios. This is a two part course that will begin on Day 1 and conclude at the end of Day 2.

3:15-4:45 PM    Sim Room 4 and 5
#23471 Template Tools for Efficient Design: From Straw Man to Well-dressed Man
Team Development and Communication, Workshop
Course Director: Cynthia Shum, DNP, MEd, RN,CHSE-A
Faculty: John Gaudet, MPH
So you want to simulate? Where do you start? This workshop will present templates to help manage the expectations and time constraints of clinical faculty. Learners will practice utilizing templates that have been designed to elicit the critical information necessary for both faculty and simulation staff to ensure learning objectives are met.

3:15-4:45 PM    Multi-Disciplinary 372
#23395 Statewide Mobile Simulation
Technical Operations, Panel Presentation
Course Director: Amy Malheim
Faculty: Melissa M Misialek
Rural mobile outreach requires attention to detail and effective communication. This course will review the day-to-day considerations of managing a statewide mobile simulation program from the levels of administrator and site coordinator. Additional topics include offering Continuing Education Credits for multiple health professions and the challenges faced when using four large simulation trucks in a rural state.

3:15-4:15 PM  Group Room 208
#24005 Make Debriefing a Normative Practice
Team Development and Communication, Podium Presentation
Course Director: Geoffrey T Miller, MS, EMT-P
Imagine if debriefing transcended the simulation setting and moments of poor clinical performance. This session will introduce the vision of debriefing as normative practice, tactics and strategies for implementing this normative practice and debriefing techniques to identify, evaluate, analyze and debrief inter-professional performance.

4:15-5:00 PM  Lecture Hall
Debrief
Facilitator: Geoffrey T Miller, MS, EMT-P
Adjourn