SimGHOSTS X
Friday April 3rd 2020
www.simGHOSTS.org

Proudly hosted by:
UTHSC CHIPS
26 S Dunlap St
Memphis, TN
Registations begin from 8:30am

**OPENING LECTURE**
9AM-10AM
Simulation Operations Management: Fundamentals for Team Success
Jarrod Young

**DEMONSTRATIONS**
10:00AM - 11:00AM
Meet with colleagues and exhibitors during the morning break

**WORKSHOPS**
11:30AM - 1:00PM
Meet with colleagues and exhibitors during the lunch break

**PLENARY LECTURE**
2:00PM - 3:00PM
Stereotypes in Simulation
Matthew Charnetski

**CONCURRENT SESSIONS**
3:00PM - 4:30PM

**CONNECT, SHARE & EXPLORE**
4:30PM - 5:30PM
Connect with fellow attendees, faculty and exhibitors, share your excitement for simulation and explore future opportunities for collaboration and learning in our informal networking session. Catering provided.

**PROGRAM CLOSE**
5:30PM
Simulation Operations Management: Fundamentals for Team Success
Jarrod Young, Simulation Operations Lead, UTHSC CHIPS
Juggling simulation space, staff, and resources can be a headache. Discover how we, at the Center for Healthcare Improvement and Patient Simulation (CHIPS), manage operations in our 45,000 square foot Health Science Simulation Center. Learn how departmental policies can create a more streamlined operating procedure. Explore our method for onboarding and developing quality employees to build a sustainable Simulation Operations Team.

Medical Simulation Tools for Beginners: A novel approach to teaching medical terminology and equipment to entry level simulation staff.
Steven Henley
This presentation/workshop will demonstrate a method of teaching medical terminology and healthcare equipment to entry level simulation professionals. On-boarding is a constant struggle and in many parts of the US finding expecting to source operations staff with sufficient IT and medical backgrounds is unrealistic. This program was used to educate new employees in simulation to identify different types of medical equipment and what it might be used for.

Learning Objectives:
Describe different types of medical tools used in medical simulation.
Identify how to adapt the game framework to apply to different methods of simulation.
Determine the correct use of specific medical tools for various scenarios in a simulation.
Simulation Moulage: Basic Materials and Quick Tips  
David Shablak

A fast paced class to learn how to select and apply materials used for common moulage effects on manikins, humans and for mass casualty simulations. All the theory and safety essentials will be addressed with a pre-workshop online learning module so that participants can maximize hands-on time practicing application of cream based, RMG and alcohol-activated make up.

Learning objectives:
Use knowledge of product properties to select moulage products and artificial blood products for moulage application.
Learn application techniques using stipple sponge, makeup wedges, brushes and even a business card.
Use highlighting and shadowing techniques to create 3D effects.

WORKSHOPS
11:30AM - 1:00PM
Getting the most from your manikins and skills trainers with easy to find and easy to use resources.  
Dan Robinson

In this session the simulation technician will demonstrate, discuss, and share home grown and cost effective solutions for repurposing, repairing, maintaining, and updating task/ skills trainers and manikins for simulation based training events. In addition, this session provides an opportunity for participants to network and to engage in an open discussion to share additional solutions.

Learning Objectives:
Identify cost effective methods for repurposing, repairing, and updating skills trainers/manikins.
Identify strategies to extend the life and usability of current skills/task trainers/manikins.
Discuss and locate resources needed to implement the home grown solutions discussed.

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Storyboarding for Manikin-based Scenario Programming
Matt Charnetski
How often have you had a faculty or clinical partner come to your center with “a really interesting case?” And how often has that turned into a nightmare of zebras, rare conditions, and wild “ad hoc” simulation with no clear learning objectives? Storyboarding is a technique used in many theater, television, and film related fields to take a “really interesting case” and build out a plan for what that might look like to actually be carried out. Learn about what storyboarding is and how it is commonly used to visually and verbally plan an event. In this interactive workshop, come with your really interesting cases and work in small groups to develop a plan to understand how those might be planned and implemented to best deliver the highest quality, efficient, and effective simulations possible.
Learning Objectives:
Use storyboarding techniques to plan and prepare for a simulation activity.
Build linear and/or branched scenario frameworks using a storyboard.
Use a storyboard framework to guide manikin-based scenario programming.
Making Your Own Moulage Tattoos for High Volume Simulation
Jonathan Spagnoli

This course is designed to demonstrate how CHIPS @ UTHSC develops and utilizes moulage tattoos for high volume simulations using both manikins and standardized patients. Printed tattoos allow us to use images, photo software, tattoo paper, and a basic ink-jet printer to create the desired effect we need. This solution can be a time-saving and effective alternative. Learners will have the opportunity to watch the process and even make/print some tattoos of their own.

Learning objectives:
Identify simulations where moulage tattoos can improve fidelity in an efficient manner.
Construct moulage tattoos using easily accessible supplies for a low-cost and easily repeatable solution.
Discuss creation, application and removal methods for moulage tattoos.

Stereotypes in Simulation
Matt Charnteski

Simulation is an inordinately powerful tool in education. As simulation professionals we have the opportunity to provide high frequency, potentially low consequence training for every level of provider and every profession and discipline in the healthcare delivery spectrum. We've come a long way since we just tried to create patient experiences that mirror real life. Simulation and educational methodologies have lead us to be far more efficient and effective in how and what we teach. But what are we missing? What are the blind spots in what we teach. In experiential learning there is a potential for a hidden curriculum where we transmit ideas to our learners unintentionally. This can be an incredibly powerful thing with both wondrous and disastrous results. The more aware we are, the better we can avoid these pitfalls and be more purposeful in our delivery of high quality, consistent content.
CONCURRENT SESSIONS

3:00PM - 3:45PM
Course Development and Planning for Advanced Providers
Lauren Young
This presentation will address four stages critical to the success of providing an Advanced Provider course involving lecture and skills. First, the planning stage; having a qualified Advanced Provider to teach the course and discuss goals, objectives, and logistics of the course. Following this would be the development stage of the course; gathering of supplies, making task trainers, skills stations, and evaluating cost effectiveness of producing or buying. Then the implementation of your work; once you have finalized your process there needs to be a dry run for process improvement and revision. Following these four critical stages will ensure a quality product that can be easily replicated, cost effective, and time conscientious.
Learning Objectives:
Describe the four stages of course development.
Describe strategies for preparing, testing and evaluating courses prior to implementation.
Discuss approaches to course development and implementation with peers.

3:45PM - 4:30PM
Mass Casualty Planning & Prep: Lessons Learned
David Shablak
Mass Casualty simulations are a lot of work but can be successful if planning and preparation begin early. This workshop will share lessons learned and strategies for success when delivering large or complex simulations. Topics will include keeping aligned to learning objectives, contingency planning and engaging the simulation team.
Learning objectives:
Identify the benefits of substantial pre-work and planning for an event.
Describe strategies for resolving issues prior to, and during mass casualty simulations.
Engage others to assist with planning and preparation for complex simulations.
CONCURRENT SESSIONS
3:00PM - 4:30PM
Manikin Maintenance and Troubleshooting Tips
Nick Brauer
In the course, the presenter will review manikin software and hardware components and will explore a series of problem-solving techniques. Regular maintenance and troubleshooting often requires the utilization of software and hardware testing. Learn how to find troubleshooting tools in the manikin software, how to conduct regular maintenance and repair solutions.
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