**Presentation ID:** 55348

**Presentation Title:** Essential Healthcare Concepts for IMPACT on Realism in Simulation Setup

**Presenters:**
Michael Blomquist; Zamierowski Institute for Experiential Learning
Akiko Kubo, BSN, RN, CCRN; Zamierowski Institute for Experiential Learning

**Session 1**
**Date:** 7/27/20
**Start Time:** 2 PM EST
**End Time:** 4 PM EST

**Session 2**
**Date:** 7/28/20
**Start Time:** 11 AM EST
**End Time:** 1 PM EST

**Content Category:** Healthcare Concepts

**Delivery Format:** Intensive Learning Series

**Overview:** Essential healthcare concepts for the Simulation Operations Specialists (SOS) is taught by expert critical care nurses and SOS through an interactive, hands-on learning experience. Participants will demonstrate a variety of realistic medical procedural skills that impact clinical providers if setup inaccurately; and learn key physiological signs and symptoms with medical terminology to confidently navigate common scenarios with clinical accuracy.

**Objective 1:** Demonstrate clinically realistic setup for various tubes, lines, catheters, supplies, and dressings

**Objective 2:** Apply common vital signs, signs symptoms, medication needs to the clinical setups for common clinical simulations

**Objective 3:** Interpret, through role play, common clinical terms and how to adapt in live simulations
Presentation ID: 56820

Presentation Title: Career Development - Build A Comprehensive Portfolio to Document Your Talents as Operations Specialist

Presenters:
Sean Cavanaugh, CHSOS; NYU Winthrop Hospital
Kati Maxkenzie, Masters of Science in Healthcare Simulation, BFA; Alameda Health System

Session 1
Date: 7/16/20
Start Time: 3PM EST
End Time: 5 PM EST

Session 2
Date: 7/17/20
Start Time: 3PM EST
End Time: 5 PM EST

Content Category: Professional Development

Delivery Format: Intensive Learning Series

Overview: The 4-hour intensive learning course will offer participants the opportunity to build a career portfolio from the ground up. Course faculty will discuss the current job market for Operations Specialists, as well as opportunities for professional development. There will be significant peer interaction and hands-on work. Attendees will analyze their current trajectory, develop milestones for advancement, and begin to compile a portfolio.

Objective 1: Identify personal career goals and define measures of success for future career growth

Objective 2: Analyze job market conditions and factors relevant to the Simulation Operations Specialist (SOS)

Objective 3: Develop resume and portfolio documents to support the job application process
Presentation ID: 57420

Presentation Title: 3D Printing for Medical Simulation & Healthcare Education: Getting Started at Any Budget

Presenters:
David Shablak, NRP; Simulation Tek
William Belk; Air Methods Corporation

Session 1
Date: 7/21/20
Start Time: 3PM EST
End Time: 5 PM EST

Session 2
Date: 7/22/20
Start Time: 3PM EST
End Time: 5 PM EST

Content Category: Innovation & Technology

Delivery Format: Intensive Learning Series

Overview: This workshop will provide the information needed to implement 3D printing regardless of budget or technical experience. Learners will learn to describe the different types of printing technology and a variety of printing materials to highlight the benefits possible challenges of each to compliment the needs of their educational environment. Hands on experience with all steps of 3D printing from model design to post processing will be gained.

Objective 1: Explain the basic concepts of 3D printing and the pros and cons of different printing technologies to make an informed buying decision based on their individual application

Objective 2: Compare the basic materials used in 3D printing, describe where each is applicable to healthcare simulation,, and determine the best material for a given use design their models to be printed with the strengths and weaknesses in mind

Objective 3: Discuss the applications of 3D printing from downloading and printing existing task trainers to simple and advanced applications for designing educational items and manikin parts