



SOCIETY FOR SIMULATION IN HEALTHCARE

**LEVEL UP INVENT YOUR SUCCESS**

## Onsite Program Guide

July 26-28, 2018



Society for Simulation in Healthcare

[ssih.org/SimOps2018](http://ssih.org/SimOps2018)

[#SimOps2018](https://twitter.com/SimOps2018)





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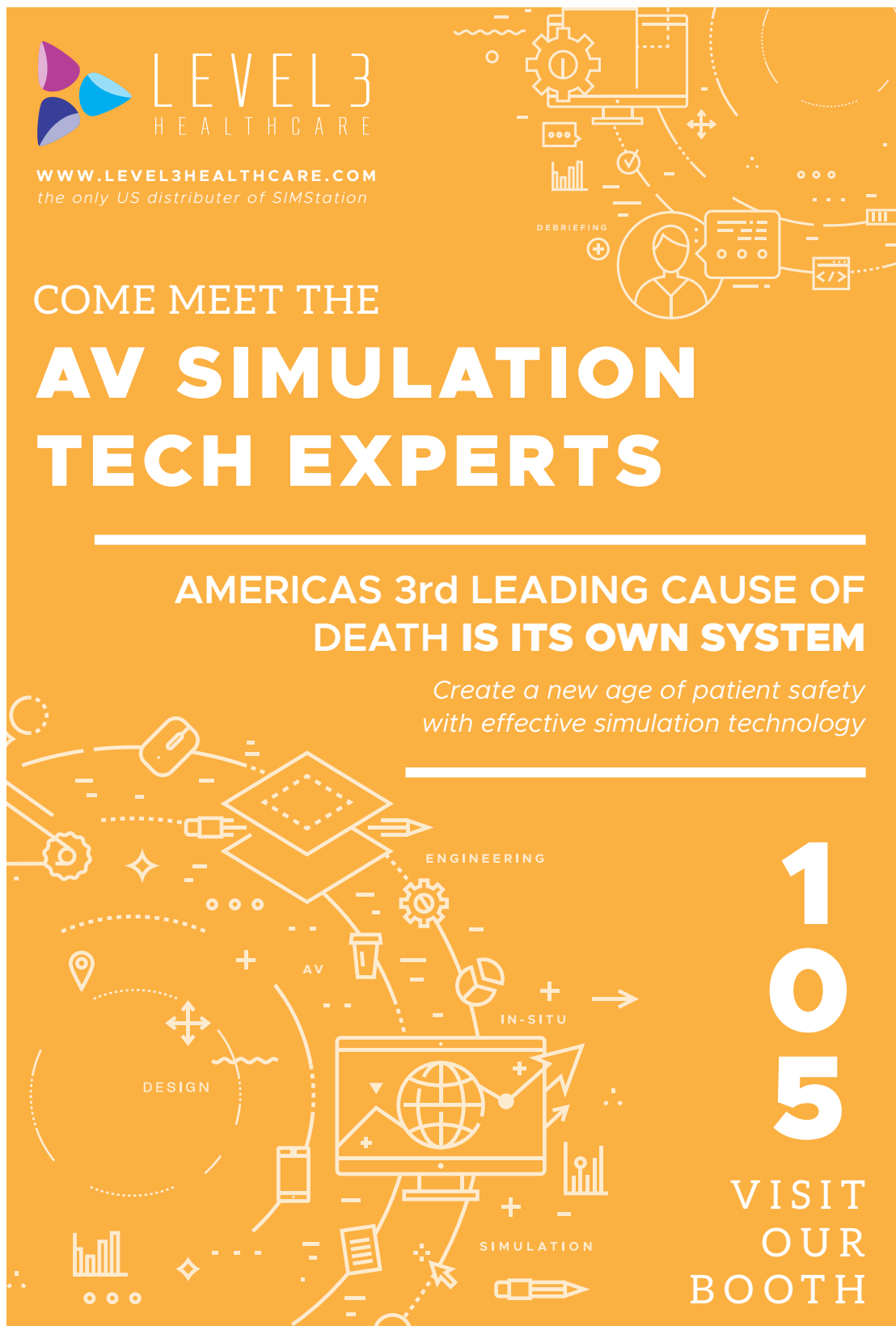
# COME MEET THE AV SIMULATION TECH EXPERTS

## AMERICAS 3rd LEADING CAUSE OF DEATH IS ITS OWN SYSTEM

*Create a new age of patient safety  
with effective simulation technology*

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VISIT  
OUR  
BOOTH



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## Simulation training and education for today's healthcare practitioners

Healthcare professionals need to be equipped with the knowledge, skills, and behaviors to create and deliver experiential learning encounters that promote reflective practice and result in measureable outcomes. Laerdal simulation solutions and programs can be used to accelerate the transition to practice, to improve onboarding efficiency, to enhance professional training programs, and ultimately, to help improve patient outcomes.

### Products and Services

- Patient Care Simulators, Manikins and Task Trainers
- Feedback Devices
- AV Debriefing System
- Courseware Content
- Educational & Technical Services

### Training Areas Served

- Resuscitation
- Nursing & Patient Care
- Emergency Care & Trauma
- Obstetrics & Pediatrics



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**SimOps 2018 Planning Committee (L to R):** Ryne M. Ackard MS, CHSE, CHSOS, *Director, Mary Morton Parsons Clinical Simulation Learning Center, School of Nursing, University of Virginia*; Melissa Lowther, AS, CHSOS, *Simulation Operations Specialist, Idaho College of Osteopathic Medicine*; Sean Cavanaugh, CHSOS, *Associate Director, NYU Winthrop Simulation Center* \*Not pictured: Christina Tenorio, *Simulation Operations Specialist, Mark Richardson Interprofessional Simulation Center, Oregon Health & Science University*

# Welcome!

## Welcome to SimOps 2018 at Oregon Health & Science University in lovely Portland, Oregon. We are thrilled to have you here!

This year's theme, **Level Up: Invent Your Success** focuses on the professional development of the Simulation Operations Specialist. The goal of this year's conference is to celebrate the achievement of Sim Ops Specialists in carving out a whole new industry and to provide information and avenues to define our continued development. There will be opportunities to network, learn new techniques and skills, and hear success stories.

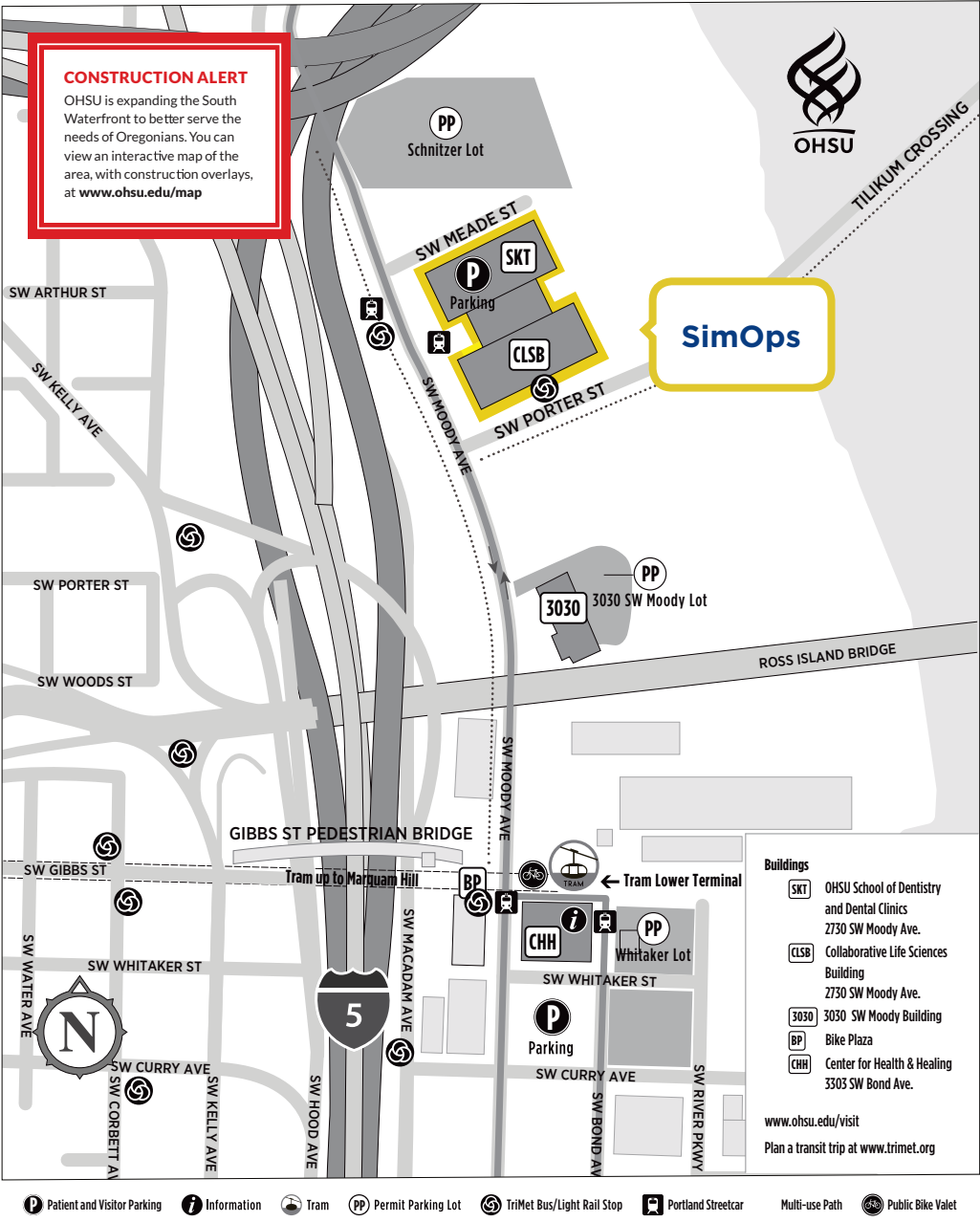
SimOps 2018 is loaded with exciting content. With courses ranging from administrative best practices to public speaking to 3D printing, we know that these next few days will positively impact your career!

Thank you for joining us and a special thanks to this year's presenters. Please share your experiences on SSH's Facebook page, Instagram, LinkedIn and on Twitter using **#SimOps2018**. We look forward to seeing your pictures and comments!

Have a great time!

*SimOps 2018 Planning Committee*

# Campus Map



## SOUTH WATERFRONT CAMPUS

📍 The **Portland Marriott Downtown Waterfront** is located at 1401 SW Naito Parkway and is a 20-minute walk from campus.



# Schedule of Events



# Schedule at a Glance

(Schedule is subject to change)

JUL  
26

## Thursday

### OREGON HEALTH & SCIENCE UNIVERSITY COLLABORATIVE LIFE SCIENCES BUILDING

8:00 AM - 5:00 PM	CHSE & CHSOS Certification Blueprint Review Courses
1:00 PM - 5:00 PM	Preconference Courses

### PORTLAND MARRIOTT DOWNTOWN WATERFRONT (HEADQUARTERS HOTEL)

4:00 PM - 6:00 PM	Registration
5:00 PM - 7:00 PM	Exhibit Hall Grand Opening and Reception

JUL  
27

## Friday

### PORTLAND MARRIOTT DOWNTOWN WATERFRONT

7:00 AM - 9:00 AM	Registration
7:30 AM - 8:30 AM	Breakfast with the Exhibitors and SimVentors
8:45 AM - 9:45 AM	Opening Plenary

### OREGON HEALTH & SCIENCE UNIVERSITY COLLABORATIVE LIFE SCIENCES BUILDING

9:30 AM - 4:00 PM	Registration
11:15 AM - 12:15 PM	60-minute sessions
12:15 PM - 1:30 PM	Lunch
1:45 PM - 3:15 PM	90-minute sessions
3:30 PM - 4:30 PM	60-minute sessions

### PORTLAND MARRIOTT DOWNTOWN WATERFRONT

5:30 PM - 7:30 PM	SimVentors Showcase & Networking Reception with Exhibitors
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JUL

28

## Saturday

### PORTLAND MARRIOTT DOWNTOWN WATERFRONT

7:00 AM - 9:30 AM	Registration
7:30 AM - 8:30 AM	Breakfast with Exhibitors
8:45 AM - 9:45 AM	Research and Technology Forum

### OREGON HEALTH & SCIENCE UNIVERSITY COLLABORATIVE LIFE SCIENCES BUILDING

10:00 AM - 1:00 PM	Registration
10:30 AM - 12:00 PM	90-minute sessions
12:00 PM - 1:00 PM	Lunch
1:15 PM - 2:15 PM	60-minute sessions
2:30 PM - 3:30 PM	60-minute sessions
3:45 PM - 4:30 PM	Closing Plenary
4:30 PM - 5:00 PM	Debrief
	Adjourn



## Getting Around Portland

Visit the registration desk for information on transportation options in the Portland area.



## SimOps App—Download Today!

The SimOps App keeps you connected throughout the day! Be sure to check the mobile app for:

- *Course updates*
- *Faculty information*
- *And more!*

**Search for SimOps in your app store.**

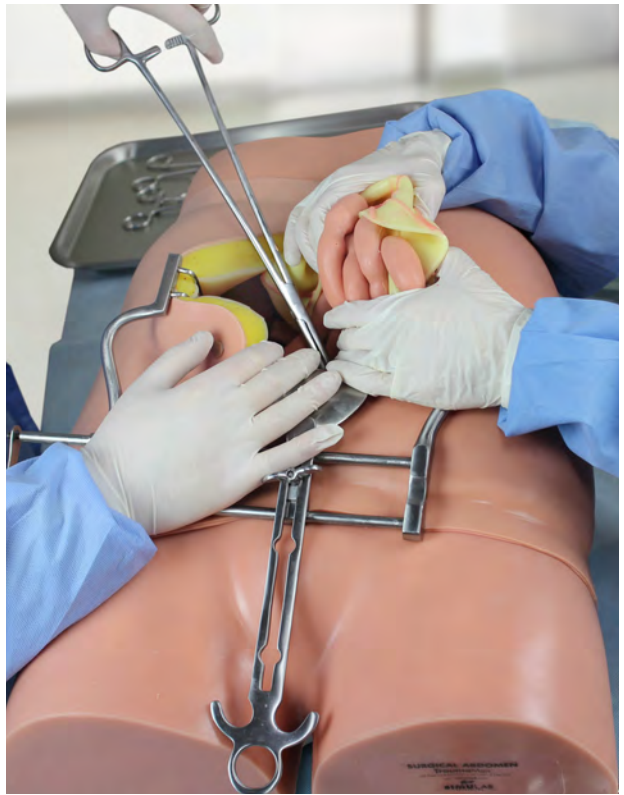
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## ***Get Creative!*** ***Learn New*** ***Simulation Hacks***

Surgical Technology Program  
Director Logan Threet, CST will be at  
the Simulab booth demonstrating  
how to re-purpose your Simulab  
replaceable tissues and build new  
models for important procedures with  
the materials you already have.

Join us and learn new and affordable  
ways to maximize the value of your  
Simulab products.

---



## **SimSuit System**

### **A HYBRID SIMULATION SOLUTION for Standardized Patient Assessment**

**Wearable technology for Standardized Patients  
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\*Blood Pressure Cuff Accessory coming soon.

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**103**



**SimOps**

SOCIETY FOR SIMULATION IN HEALTHCARE

8:00 AM – 5:00 PM

## CHSE Blueprint Review Course (38825)

📍 Classroom 1, 4th Floor

Develop your personal action study plan for the CHSE exam. Led by experienced simulation experts, the Certification Blueprint Review Course is designed to build your core knowledge of simulation principles and practice. The program will also help you identify areas of strength and weakness in your knowledge and practice of simulation.

### LEARNING OBJECTIVES

1. Discuss the components of the certification process
2. Identify your simulation knowledge and practice strengths and weaknesses
3. Develop your personal study action plan

## CHSOS Blueprint Review Course (38826)

📍 Classroom 2, 4th Floor

Develop your personal action study plan for the CHSOS exam. Led by experienced simulation experts, the Certification Blueprint Review Course is designed to build your core knowledge of simulation principles and practice. The program will also help you identify areas of strength and weakness in your knowledge and practice of simulation.

### LEARNING OBJECTIVES

1. Discuss the components of the certification process
2. Identify your simulation knowledge and practice strengths and weaknesses
3. Develop your personal study action plan

## 📍 PRECONFERENCE COURSES

1:00 PM – 5:00 PM

## Diagnose and Repair Your Manikin: The Sim Show Must Go On! (38822)

📍 Med Surg 1&2, 4th Floor

This course addresses maintenance and repairs for adult, pediatric, and infant manikins through a hands-on immersive experience. Simulation centers can be negatively impacted when manikins fail to operate optimally. Users need the training to perform appropriate maintenance and repairs on their manikins. Maintaining sim operations requires becoming more knowledgeable and confident removing and replacing internal and external manikin parts.

### LEARNING OBJECTIVES

1. Discuss and demonstrate common trouble areas with manikins that lead to operational problems
2. Demonstrate at least three repairs and replacement of parts for manikins
3. Demonstrate how to inspect a manikin to ensure it functions as intended

## Join the Simulation Operations and Technology Section!

Keep up on the latest discussions by joining the Simulation Operations and Technology Section (SOTS). Join and learn about upcoming events, share insight with your peers, and access resources posted by your colleagues.

**Sign-up** for this **Members-only benefit** to stay connected with your peers.

1:00 PM – 5:00 PM

## Silicone Casting, Molding, and Other Tissue Mimicking Materials (38823)

📍 *Skills Lab, 3rd Floor*

Silicone skin and task trainer parts can be costly for simulation centers. In this session participants will get hands-on experience creating silicone skin and a complete two-part mold in a way that doesn't require expensive equipment or a fume hood. This course also covers basic terminology, an overview of the silicone products available, and their suggested applications.

### LEARNING OBJECTIVES

1. Define appropriate terminology relating to silicone products, molding, and tissue mimicking materials
2. Describe the various types of silicone products, their properties and applications
3. Construct a sim skin with embedded power mesh and a complete two-part mold

5:00 PM – 7:00 PM

## Exhibit Hall Grand Opening and Reception

📍 *Portland Marriott Downtown Waterfront*

Join us as we visit with our vendor partners! Network with your peers as you enjoy light food and drink!



### Be Social!

Share your SimOps experiences at **#SimOps2018** across social media. Post your comments, photos and videos so your peers can see what you're learning and what they're missing!

## SSH-INACSL Simulation Regional Workshop - Coming this fall!

These popular workshops explore:

- *Creating a dialog around simulation guidelines and local regulation by the Boards of Nursing.*
- *Utilizing the NCSBN Simulation Guidelines for Prelicensure Nursing Programs within individual simulation programs.*
- *Applying the INACSL Standards of Best Practice: Simulation within the development, implementation and assessment of simulation based education.*
- *Using the SSH Accreditation Standards to advance the simulation program.*
- *Understanding the benefits of SSH Certification (CHSE, CHSE-A, CHSOS) as a developmental pathway for simulation instructors.*

### Save the date!

October 23, 2018, Seattle, Washington

November 2, 2018, Austin, Texas

7:30 AM – 8:30 AM

## Breakfast with Exhibitors and SimVentors

📍 *Portland Marriott Downtown Waterfront*



8:45 AM – 9:45 AM

## Opening Plenary Session: The Impact of Professional Development at NASA (38665)

📍 *Portland Marriott Downtown Waterfront*

**SPEAKER:** Mark Sonoda, *Chief, Operations Division, NASA*

During this invigorating presentation, attendees will discover how NASA prepares astronauts and flight controllers for space missions. The fundamental principles and culture of Flight Operations will be discussed. Highlighting the importance of professional development and the impact of training on safety and success, attendees will be inspired to continue their professional development expenditures in their own career!

### LEARNING OBJECTIVES

1. *Discover how NASA's Flight Operations Directorate prepares astronauts and flight controllers for space missions*

2. *Explore the foundational principles and culture of the Flight Operations Directorate*
3. *Examine how professional development of instructors and flight controllers makes them better at their jobs and improves crew safety and mission success*

## ⬇ THE FOLLOWING SESSIONS WILL BE HELD AT OHSU

11:15 AM – 12:15 PM

## Create Low-cost Solutions: Animal Health Task Trainers (37426)

📍 *Debrief 5, 4th Floor*

This session will review creative low-cost solutions of two task trainers to support Animal Health programs. The task trainers that were created include a surgical preparation task trainer and a venipuncture trainer. This presentation will review the entire development process of these trainers, including 3D printing, consumables, pattern making, common pre-existing supplies, and lessons learned that are applicable to the creative process in all simulation modalities.

### LEARNING OBJECTIVES

1. *Discuss the need for creation and customization of trainers to fulfill gaps within existing models*
2. *Explain the use, materials, programming and troubleshooting of 3D printing*
3. *Discuss consumable creation including patterns and use of common pre-existing supplies*

## Create a Surgical Simulation Curriculum: Lessons Learned

(38749 - KindHeart, Inc\*)

### 📍 Debrief 1, 3rd Floor

This session covers fundamentals of simulation curriculum development for teaching surgical skills and adverse event responses. Unique qualities associated with surgical sim education must be understood and embraced for meaningful training. We will cover lessons learned from the AHRQ Cardiac Surgery Simulation Study, TSDA Resident Boot Camp, and developing the Cardiac Surgery Simulation Curriculum applicable to surgical skills training.

#### LEARNING OBJECTIVES

1. List 4 aspects of simulation-based training that are unique to surgery
2. Define component tasks and complete task training in surgical simulation
3. List 3 complete task real tissue simulators for use in simulation-based education

## Home Grown, Customizable Electronic Health Record: How to Build Your Own

(37532)

### 📍 Debrief 2, 4th Floor

This presentation will demonstrate a fully functional "home grown" Electronic Health Record (EHR) customized to meet the unique needs of today's learners. Participants will have the opportunity to explore how, using basic web

scripting languages such as HTML and PHP, a fully customizable EHR can be created with little or no experience at little to no cost. Hear the advantages of this solution over using spreadsheets or other low-fidelity methods.

#### LEARNING OBJECTIVES

1. Describe the need for a fully customizable "home grown" Electronic Health Record (EHR) to facilitate realism and enhance learning during Simulation-based Learning Experiences (SBLE)
2. Compare this "home grown" EHR to low-fidelity options as a fully functional, customizable low cost solution to enhance realism, environmental fidelity, and learning in a simulated setting
3. Demonstrate how to develop and implement an EHR in an academic or acute care simulation center to create a fully immersive SBLE

## Jack-of-all-trades or Master of One? A Discussion of Technologist Concentration (37753)

### 📍 Debrief 4, 4th Floor

Technologists can be well-rounded generalists or concentrate in A/V, moulage, coordination, etc. This presentation will present the pros and cons of concentrated and universally prepared Simulation Operations Specialists.

#### LEARNING OBJECTIVES

1. Compare and contrast the benefit and challenges of technologist concentration
2. Describe the organizational impact when technologists are concentrated or universally prepared
3. Discuss how an individual's strengths contribute to organizational decision to employ concentrated or universally prepared technologists

## Online Certification Blueprint Review Courses

### No travel budget? No problem!

Develop your personal action study plan for study by attending one of SSH's Online Certification Blueprint Review Courses. Led by experienced simulation experts, the Certification Blueprint Review Course is designed to build your core knowledge of simulation principles and practice.

**CHSE**  
Certified Healthcare Simulation Educator™

**CHSOS**  
Certified Healthcare Simulation Operations Specialist™

Visit [ssih.org](http://ssih.org) for more information.



## Manikin Connectivity Made Simple

(37647)

📍 *Debrief 3, 4th Floor*

Come learn a programming method to make connecting simulators to their patient monitor easier than ever. Participants will learn how to write a simple script for Microsoft Windows based patient monitors using NetShell, which will change computer settings all with only one button click. This will enable facilities with multiple simulators to swap their manikins from room to room without the headache of memorizing each simulator's settings.

### LEARNING OBJECTIVES

1. *Identify how to use NetShell programming for connecting simulators to a Windows patient monitor*
2. *Recognize the importance of implementing a manikin connection fail safe when designing or modifying their simulation centers*
3. *Identify the ways that participants can demonstrate NetShell programming to their technologists and educators*

## Play Frankenstein: Make the Most of Your Simulation Makerspace (38659)

📍 *Classroom 1, 4th Floor*

This course will discuss best practices for managing an in-house artificial tissue makerspace. Seasoned inventors will address the various methodologies that are available for making models (e.g. cast and mold, 3D printing) and how to best manage these resources. We will address effective project management techniques including inception, design considerations, beta testing, and logistics for deploying new models for the targeted learner group.

### LEARNING OBJECTIVES

1. *Gain insight to an in-house makerspace operation for simulation technology by reviewing numerous case examples*
2. *Determine what project management strategies are best for attendee healthcare institutions and simulation center stakeholders*
3. *Participate in a discussion about how best to leverage your makerspace to optimize return on investment as it pertains to operational cost-benefit, new funding opportunities, and models that better address your contextual fidelity*

## Professional Development through the CHSOS Lens (Covers Recertification Too!) (37765)

📍 *Classroom 2, 4th Floor*

Faculty will present concepts and strategies for continuous professional development (CPD) for the Simulation Operations Specialist (SOS). The knowledge, skills, and abilities (KSA's) related to professional development, as defined by the SSH CHSOS Certification Blueprint, will be used as a basis for discussion. Various options and strategies for professional development within the role of the Simulation Operations Specialist, as well as for other simulation professionals, will be examined and discussed.

### LEARNING OBJECTIVES

1. *Describe the concept of Continued Professional Development (CPD)*
2. *List different CPD that support professional growth for the OS*
3. *Summarize how your own CPD plan can be developed and implemented*

## The Standardized Patient Remix: Expand the SP Role in Hybrid Sim (37851)

📍 *Debrief 1, 4th Floor*

This course will be presented from the viewpoint of an SP turned Sim Tech and how to expand the SP role in hybrid simulations. We will explore ways to reimagine fidelity in sims with a patient forward lens. We will share our experiences with hybrid sims and review the benefits and surprises we encountered. Our goal is to have a lively discussion about how to expand the possibilities of the SP role in sim and how they can level up the educational experience.

### LEARNING OBJECTIVES

1. *Identify when and why standardized patient hybrid simulations enhance learning objectives and maximize scenario fidelity*
2. *Discuss the logistical and technical considerations of standardized patient hybrid simulations*
3. *Review how to integrate a patient forward simulation experience with standardized patient hybrid simulations*



11:15 AM – 12:15 PM

## Use Real Equipment to Enhance the Simulation Experience for Learners

(38920 - Gaumard\*)

📍 *Debrief 2, 3rd Floor*

12:15 PM – 1:30 PM

## Lunch

📍 *Atrium, 1st Floor*

1:45 PM – 3:15 PM

## Blended Learning Approach: Maximize Simulation Center Time

(37766)

📍 *Debrief 2, 4th Floor*

This interactive session will look closely at how simulation center users utilize their course time during their visits. The focus will re-energize the concepts of why we incorporate simulation into curriculum and place the emphasis back on “doing.” Although not new, this session will highlight some benefits of designing a simulation course using the blended learning approach in order to maximize the time spent within the simulation center.

### LEARNING OBJECTIVES

1. Recognize the benefits of placing didactics and other course information online
2. Explore simulation courses that incorporate the blended learning approach
3. Examine current courses that have the potential to transition into a blended course

## Build a Business Case for Change: Essential Skills for Leaders (38664)

📍 *Classroom 2, 4th Floor*

This program will provide participants with the skills they need to build and present a business case for change. After a didactic portion to review

the components of a business plan, participants will work in groups to develop a mini business case on the provided scenarios.

### LEARNING OBJECTIVES

1. Articulate the value of creating a business plan
2. Discuss the components of a business plan
3. Practice building a business case for change utilizing group work

## Comprehensive Simulation Staffing: Hire, Train and Motivate Complex Teams (37906)

📍 *Classroom 1, 4th Floor*

A comprehensive simulation on-boarding panel will discuss the hiring, on-boarding, and motivating of a simulation team in a multi-level approach. Panel topics will include: big picture operations, simulation specialists (novice to experienced), standardized patients, student workers/volunteers, and on-boarding. Expertise in the hiring operations for surgical simulation (wet and dry), skills based, manikin based, and standardized patient simulation will be shared.

### LEARNING OBJECTIVES

1. Recognize key position description characteristics for hiring appropriate simulation staff
2. Identify on-boarding styles for staffing complex teams
3. Identify three key components to motivate sim ops staff

## Explore Laerdal Software Applications: SimPad® PLUS vs. LLEAP (38903 - Laerdal\*)

📍 *Skills Lab, 3rd Floor*

Come learn about the solutions designed to meet the specific needs of your simulation lab. Focusing on the LLEAP and SimPad® PLUS applications, participants will be able to identify the key differentiating functionalities of the two platforms.

### LEARNING OBJECTIVES

1. Explain operation and navigation of LLEAP Simulation Homepage
2. Explain operation and navigation of SimPad® PLUS and system settings
3. Identify unique features of SimPad and LLEAP platforms

## Hiring New Faces for Sim Spaces (37860)

### 📍 Debrief 5, 4th Floor

While many academic simulation centers strive to hire qualified staff and educators for their programs, it is sometimes difficult to know where to start. This session will give an overview of job descriptions for operations specialists, standardized patients, and sim educators and will also give a chance for participants to work in small groups to identify candidates for the positions from mock interviews.

### LEARNING OBJECTIVES

1. Identify required and preferred qualifications for hiring simulation employees
2. Explore ways to identify candidates for operations specialist, standardized patient, and sim educator positions
3. Discuss orientation schedules for operations specialists, standardized patients, and sim educators

## Perspectives on Professional Development: A Moderated Panel Discussion (38708)

### 📍 Tiered Lecture, 2nd Floor

Have you considered the age-old question, "Where do you see yourself in 5 years?" This session will engage experienced simulation experts in a thoughtful discussion of issues surrounding professional development for the Operations Specialist. Join us as we explore the multitude of development opportunities (and associated challenges) that exist for the Operations Specialist.

### LEARNING OBJECTIVES

1. Discuss the professional development opportunities that exist for the Operations Specialist
2. Assess the value of experience, continuing education, and industry certification in the career of the Operations Specialist
3. Apply knowledge of development opportunities for Operations Specialists to create a professional development action plan

## Promote Yourself: How to Go to the Next Career Level When it Doesn't Exist (37617)

### 📍 Debrief 1, 3rd Floor

One of the barriers Operation Specialists face is the lack of a career ladder. This can lead to job dissatisfaction as there can be limitations to professional growth within an institution. In this session, we will be unpacking what a business case is, how it applies to your institution, and creating a draft business case for your own (or your staff's) promotion.

### LEARNING OBJECTIVES

1. Describe the format and function of a business case
2. Explore the ways to define a return on investment measurement for future application
3. Create a draft business case for promotion utilizing the information discussed

## Scenario Development: Bring Your Standardized Patient (SP) to Life in a Virtual World (37921)

### 📍 Debrief 1, 4th Floor

This interactive session will delve into techniques for creating the most effective representations of clinician-patient interactions and share ways in which this information can be translated to the use of SPs in Virtual Patient Simulation (VPS) and beyond. Multiple educational modalities will be discussed along with the incorporation of various elements (eg, setting stage, moulage special effects, prepping the SP, script development, and various production enhancements).

### LEARNING OBJECTIVES

1. Describe the role and impact of the standardized patient in developing case-based medical education
2. Develop and/or increase familiarity with VPS-generated techniques to enhance the realism of SP-physician interactions in non-VPS simulations
3. Explore pathways to development of an impactful patient visit 'story' and script for use with standardized patients

## Simulation Center Operations for Beginners Part 1: Networking, Vendors, Finance, Teams, A/V & IT (37904)

### 📍 Debrief 4, 4th Floor

Need to learn the basics of operations to run a sim center in all the ways that are not curricular/content based? This course will present helpful hints to those newly placed in an administrative role. Topics covered will include creating a network you can rely on for help, vendor relations, basics of finance, and common AV/IT issues.

#### LEARNING OBJECTIVES

1. *Identify core issues for running a sim center and know when and where to get expertise*
2. *Discuss the most often seen topics for sim center managers/administrators regarding finance, vendor relations and negotiations, HR, and AV IT*
3. *Discuss common concerns among new administrators and formulate solutions*

## Simulation Equipment Creation: Utilize 3D Printing and Silicone Rubbers (37544)

### 📍 Debrief 3, 4th Floor

Interested in implementing 3D printing and design in your simulation center but don't know where to start? Come learn about the cost-saving benefits, flexibility, and potential of creating your own task trainers and equipment. This course will explore production methods including 3D design, 3D printing, silicone molding, and electronic component programming. In addition, attendees will learn about the return on investment that a 3D printer provides.

#### LEARNING OBJECTIVES

1. *Define the concepts and processes necessary to create a 3D design that can be taken to production*
2. *Explore multiple methods to level up environmental, functional, and simulator fidelity with the creation and production of simulation props, equipment, and trainers*
3. *Formulate strategies to enhance communication between the Operations Specialist and facilitator that are applicable to the simulation environment*

## Develop a Presentation: How to Build Your Course Submission (38715)

### 📍 Debrief 2, 4th Floor

We want you...to present! Have an innovation, workflow, tool, or another idea that you would like to present at a SSH event? Submitting a course for consideration can feel daunting. This course aims to demystify the course submission process. You will learn how to navigate the SSH course submission platform, develop strategies for three main components of a course submission, and gain insight into how course reviewers conduct their reviews.

#### LEARNING OBJECTIVES

1. *Define the components of the SSH course submission platform to gain knowledge of the submission process*
2. *Breakdown strategies for determining the audience, building objectives, and developing a timeline to assist you in your development of a course submission*
3. *Discuss how course reviewers evaluate a submission for inclusion in an educational conference*

## Evolution of Simulation Data Collection Within an Academic Medical Center (37463)

### 📍 Debrief 5, 4th Floor

Consistent simulation event data collection is a key component of the sustainability of a simulation program. In order to analyze and generate quality metrics and reports, there must be attention and careful consideration to what data is collected. This presentation will cover the evolution of our data collection process, demonstration of data collection methods, data reporting to stakeholders, and a description of lessons learned.

#### LEARNING OBJECTIVES

1. *Explain the importance of a standardized method for data collection*
2. *Demonstrate the reporting benefits of standardized data collection methods*
3. *Describe lessons learned in collecting data at a large academic medical center*

## Incorporate Best Practices into Your Simulation Center Process (37814)

### 📍 Debrief 1, 4th Floor

Planning simulation activities can be overwhelming when thinking about how to move the process from developing objectives up through evaluating if those objectives have been met. This session will share a current process that will assist in building, implementing, and evaluating simulation activities according to best practices while highlighting the Operation Specialist's role throughout.

#### LEARNING OBJECTIVES

1. Discuss the planning, implementation, and evaluation components to ensure successful simulation events
2. Detect cases when one size doesn't fit all
3. Explore the importance of the Operation Specialist's role throughout the process

## Leverage Social Media to Build Simulation Center Brand Recognition (38712)

### 📍 Debrief 4, 4th Floor

Have you been curious about how to use social media to build brand recognition for your simulation center? This course, through review of successful case studies, will provide guidelines for establishing a social media presence, discuss how to draw up an effective plan for nurturing awareness around your training program, and provide sample objectives for social media campaigns that are pertinent to simulation.

#### LEARNING OBJECTIVES

1. Discuss the pros and cons of social media platforms through a cross-comparison of case studies
2. Review available tools to assist with identifying an end goal for a social media campaign
3. Examine case studies to determine the best methods for measuring successful user engagement

## Low-cost Task Trainers: IO (Adult & Infant) & Surgical Airway Training Platforms (37658)

### 📍 Classroom 1, 4th Floor

This course will introduce educators to low-cost tips and tricks for building task and skill trainers.

Repurpose spare parts, find new ones, or make the components of these trainers yourself. Many of these devices can be made for \$5 or less, yet are high quality and very realistic. Participants will learn to create an infant and adult IO and surgical airway training platform.

#### LEARNING OBJECTIVES

1. List low-cost parts that can be used to create do-it-yourself simulation training tools
2. Describe one technique that can be used to create a low-cost task training device
3. Identify the specific low-cost task trainers that could be developed at the learner's simulation center

## Portfolio Development: Tips & Tricks to Enhance Your Image (38713)

### 📍 Debrief 3, 4th Floor

Why a portfolio? A job, community engagement, skill demonstrations, personal use? How do you decide what to include? This session will highlight the importance of creating a portfolio and will guide attendees through the development process. Tips and tricks for creating a portfolio that highlights your specific skill set will be discussed. Attendees will be provided with portfolio examples and resources to develop their personal portfolio.

#### LEARNING OBJECTIVES

1. Discuss the reasons why portfolio creation is a way to highlight your skill set
2. Review the different ways that a portfolio can be built including online platforms
3. Use the tools provided to determine the best way to build a personal portfolio

## SimCapture: The World's Leading Healthcare Simulation Management Platform (38922 - B-Line Medical\*)

### 📍 Debrief 2, 3rd Floor

Learn how to debrief, annotate and build checklists on the world's leading healthcare simulation management platform, SimCapture. Presenters will answer questions and share tips and tricks to using SimCapture. We will discuss how to manage, operate, track and report on every aspect of your simulation center. Stop by to learn more!

3:30 PM – 4:30 PM

## This is the Game We Play: A Deep Look into Audiovisual Technologies (38716)

📍 **Classroom 2, 4th Floor**

Do you already have some experience dealing with AV technologies at your simulation center? If so, this intermediate AV course is designed to provide you with a deeper understanding of audiovisual implementations. Emphasis is placed on the composition, structure, and function of different AV systems and infrastructures, specifically in a simulation environment. Additionally, troubleshooting methodologies and approaches are introduced.

### LEARNING OBJECTIVES

1. Recognize common AV equipment and connections used in medical simulation
2. Discuss ways to integrate common AV equipment for use in a simulation center
3. Review ways to integrate a flow chart to approach AV related technical issues

5:30 PM – 7:30 PM

## SimVentors Showcase & Exhibitor Networking Reception

📍 **Portland Marriott Downtown Waterfront**

View amazing simulation inventions in the new SimVentors Showcase! Be inspired by the creative and innovative ideas developed by your peers and network with exhibitors.

### LEARNING OBJECTIVES

1. Discuss new ways Operations Specialists are using low-cost trainers
2. Explore innovative ideas that can be incorporated into your simulation practice
3. View demonstrations of simulation equipment developed by your peers



### Accreditation Statement

In support of improving patient care, the Society for Simulation in Healthcare is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

This activity was planned by and for the healthcare team, and learners will receive a maximum of 11.25 Interprofessional Continuing Education (IPCE) credits for learning and change.

## SimOps 2019 Announced!

📍 **EVMS (Eastern Virginia  
Medical School)**

**Sentara Center for  
Simulation and Immersive  
Learning**



SOCIETY FOR SIMULATION IN HEALTHCARE

July 17-19, 2019 | Norfolk, VA, USA

7:30 AM – 8:30 AM

## Breakfast with Exhibitors

📍 *Portland Marriott Downtown Waterfront*

8:45 AM – 9:45 AM

## Research and Technology Forum

(38904)

📍 *Portland Marriott Downtown Waterfront*

Industry representatives involved in the research and development of healthcare simulation technology will join the users of simulation equipment during this feedback session. Moderated by simulation experts, this session will give you a chance to ask questions & provide feedback to multiple simulation vendors regarding current technology, ideas for future development, and feedback of current capabilities and products.

### LEARNING OBJECTIVES

1. Gain valuable feedback from industry representatives about simulation equipment
2. Discover new simulation tools currently in development
3. Provide ideas for the future to simulation R&D experts

## ➡ THE FOLLOWING SESSIONS WILL BE HELD AT OHSU

10:30 AM – 12:00 PM

## Art and Science of Public Speaking

(38002)

📍 *Classroom 1, 4th Floor*

Public speaking is an essential skill for successful leaders. This session will foster skill development in the area of public speaking for leadership. SSH leaders will guide participants through a series of exercises that allow for practice in delivery and participant discussion.

### LEARNING OBJECTIVES

1. List three important characteristics of effective public speaking
2. Demonstrate the ability to participate in public speaking
3. Identify three methods for improving one's public speaking ability

## Board Games to Simulate Clinical Decision Making in the ED (37654)

📍 *Debrief 3, 4th Floor*

Emergency medicine requires the triaging, assessment and treatment of a large number of patients who present with pathologies of various acuity. Managing resources, staffing, and physical space in the emergency department (ED) is therefore an essential skill for ED physicians and should form part of their training curriculum.

### LEARNING OBJECTIVES

1. Appreciate the complexity of running a busy ED from both a clinical as well as managerial point of view
2. Discuss how to improve decision-making skills under pressure in a safe environment
3. Explore ways to improve teamwork and communication skills by playing the game in pairs or small groups, taking charge of different tasks or areas

## Enhance Fidelity & Reduce Costs: Restore Supplies to Pre-use State (37519)

### 📍 Debrief 1, 3rd Floor

This course is designed to identify areas within a simulation program where fidelity can be improved by repurposing supplies to reflect current practice experiences and address patient safety risks. Illustrations of lessons learned with simulated experiences of current practice experiences will be provided. An interactive component includes hands-on practice repurposing supplies to pre-use state.

### LEARNING OBJECTIVES

1. Recognize areas where increased simulation fidelity could enhance the current simulation program
2. Identify supplies and personnel required for a repurposing program
3. Explain the benefits of a repurposing plan integrated in a simulation program

## Flex Your Leadership Abilities: Meet the Needs of Your Staff (37769)

### 📍 Classroom 2, 4th Floor

This course will explore various leadership styles that can be incorporated to address the development needs of your staff. Small group exercises will be incorporated into the presentation to demonstrate and exercise leadership styles and identify how participants can flex leadership behavior to meet specific employee development needs.

### LEARNING OBJECTIVES

1. Explore situational leadership styles that can be implemented in a simulation center
2. Identify employee developmental levels of simulation center staff
3. Examine leadership and development styles within your own workplace

## In Situ Mock Codes or Sim Center Team-based Training? Lessons Learned (37773)

### 📍 Debrief 1, 4th Floor

Our institution has been conducting in situ mock codes with our participating hospital for several years with marginal documented improvement in team performance and code quality. We have recently introduced team-based training with that hospital's code participants at our simulation center as an adjunct to our mock code training. We will review the preliminary observations and data that suggest improvements in performance, teamwork, and debriefing buy-in and insights.

### LEARNING OBJECTIVES

1. Describe a team-based training program as an adjunct to hospital in situ mock code drills
2. Review the salient principles of TeamSTEPPS as they relate to improved teamwork for code teams
3. Highlight the benefits of rapid cycle deliberate practice in improving code team dynamics and performance

## Innovation on a Budget: Identify Opportunities & Develop Low-cost Trainers (37655)

### 📍 Debrief 2, 4th Floor

We will highlight the pearls and pitfalls within our own department in order to allow other organizations to streamline a process for simulator design and implementation while demonstrating many adaptations of our own products over the years. Each participant will also be given the supplies and instructions to create a highly functional task trainer that they will leave with at the end of the session.

### LEARNING OBJECTIVES

1. Create a low-cost task trainer that can be implemented in your home institution
2. Discuss the significance of implementing LEAN processes to optimize financial resources in a simulation center
3. Identify potential applications of low-cost task trainers in your organization



**Moulage Basics on a Budget (38711)**

 **Skills Lab, 3rd Floor**

Moulage can elevate a simulation experience to present a new level of realism to learners. This course will provide instruction on basic supplies and concepts including moulage techniques for wounds, makeup, sweat, and GI bleeds. Make your own silicone wound using low-cost, easily accessible supplies during the session. Bring your ideas and questions about moulage to share during our group discussion.

**LEARNING OBJECTIVES**

- 1. *Discover basic methods and supplies for creating and utilizing moulage in simulation*
- 2. *Construct a piece of moulage using silicone to be used in a simulation*
- 3. *Generate ideas for moulage using low-cost, easily accessible supplies*

**Plan for Success: Special Simulation-based Projects (37848)**

 **Debrief 5, 4th Floor**

This session provides background information with hands-on experience in applying three key points to simplify planning of special simulation-based projects. Special simulation-based project examples are used to demonstrate application of these three key points: project team formation, project design strategizing, and budget model proposals.

**LEARNING OBJECTIVES**

- 1. *Analyze three key points when planning special simulation-based projects*
- 2. *Demonstrate the application of three key points using special project examples*
- 3. *Describe the metrics to measure successful planning of special simulation-based projects*

**Simulation Center Operations for Beginners Part 2: Policies, Procedures, HR, and Quality Control (37905)**

 **Debrief 4, 4th Floor**

This session is designed for administrators and directors who have had little or no training in running a simulation center or other department and who are receiving little or no training to do so. This course will focus on understanding your mandate, creating, revising and adapting policies and procedures, HR, evaluations, metrics, and quality control and improvement.

**LEARNING OBJECTIVES**

- 1. *Identify important HR/employee issues including staff evaluation performance*
- 2. *Explore metrics that should be collected in a simulation center to further growth*
- 3. *Discuss quality improvement strategies that can be implemented in a simulation center*

**Standardized Patient Onboarding and Training (37708)**

 **Debrief 2, 3rd Floor**

This course reviews the OHSU Standardized Patient Program that presents our process for hiring and developing an effect SP team and ensuring best practices for our students. We will explore our step by step SP hiring process and engage in discussions regarding skill development and effective feedback techniques.

**LEARNING OBJECTIVES**

- 1. *Discuss how to form an effective standardized patient team for use in medical education*
- 2. *Share ideas and formulate a foundation for how one might create and/or develop their own SP program*
- 3. *Discuss employable practices in the training of SPs and ways to develop their skills*

**12:00 PM – 1:00 PM**

**Lunch**

 **Atrium, First Floor**

## Create a Personal Educational and Professional Simulation Operation Specialist Matrix (39019)

### 📍 Debrief 3, 4th Floor

Becoming a Simulation Operations Specialist and understanding the background, expertise, job specific goals, and experience needed to obtain personal and professional growth through education and networking is a challenge. During this course we will discuss all the available options to create a professional and educational matrix that makes sense for the individual.

#### LEARNING OBJECTIVES

1. Review educational and professional options available for the Operations Specialist
2. Discuss ways to implement previous experience and educational benefits for application and growth
3. Apply experience, education, and institutional objectives to develop your personalized matrix

## Focus Group Brainstorming: Evaluation of the Simulation Operation Specialist (37854)

### 📍 Debrief 5, 4th Floor

This course will provide an overview of current simulation evaluation tools highlighting the gap in tools related to evaluation of the Simulation Operations Specialist. The goal of the focus group is to collaboratively work toward a conceptual evaluation rubric that encompasses all the many facets of work of the Operations Specialist.

#### LEARNING OBJECTIVES

1. Examine the job descriptions of the Operations Specialist
2. Explore methods of evaluation in simulation specifically related to the Operations Specialists
3. Begin to determine the conceptual topics needed to develop an evaluation rubric

## Lights, Camera, Action: Production Basics for Training Video Creation (37868)

### 📍 Debrief 4, 4th Floor

Training videos add value to simulation from procedural skills pre-work to expert modeling of events for education and debriefing. This course provides attendees with information on planning, shooting, and editing training videos. Find out what's important during video planning and what equipment you need to get started. Learn tips and tricks for recording editing to increase the effectiveness of videos.

#### LEARNING OBJECTIVES

1. Define the goals and concepts for a training video
2. Describe the process of video production planning
3. Define the basics of recording and editing for personal creation of a simulation video

## Low-cost Task Trainers: Airway & Suction Trainers (37379)

### 📍 Classroom 1, 4th Floor

This course will introduce how to build a low-cost airway and suction manikin (tracheal oral suctioning machine, massive vomiting airway trainer). Participants will learn how to do this by repurposing spare parts, obtaining new parts from low cost sources, and/or making the components of these trainers themselves. Many of these devices can be made for \$5 or less and are high quality, very realistic, and ideal for initial skills learning.

#### LEARNING OBJECTIVES

1. List low-cost parts that can be used to create do-it-yourself simulation training tools
2. Describe one technique that can be used to create a low-cost task training device
3. Identify the specific low-cost task trainers that could be developed at the learner's simulation center

## Manage AV and IT in a Large Simulation Center (37290)

### 📍 Debrief 2, 4th Floor

This course will provide an overview of managing Information Technology (IT) and Multimedia/Audio Visual (AV) systems as they relate to simulation. Case studies from faculty experience will help

illustrate this unique relationship and provide users with strategies for dealing with commonly faced challenges.

### LEARNING OBJECTIVES

1. *Discuss the specialized roles and required skill sets for those that support AV/IT in a simulation center environment*
2. *Identify common types of challenges faced when supporting AV/IT in a simulation center*
3. *Define the strategies for effectively dealing with challenges related to AV/IT for implementation in your simulation center*

## The Teamwork Team: The First Year of In Situ Simulation (37869)

### 📍 Classroom 2, 4th Floor

This course will explore the first year implementing an in situ simulation program, lessons learned, successes, failures, and major wins. This presentation will delve into the experience of navigating the political chessboard, creating buy-in, and learning the resulting wins of a high reliability team.

### LEARNING OBJECTIVES

1. *Discuss the success and failures of a stand-alone in situ program*
2. *Review lessons learned from the in situ simulation implementation process*
3. *Identify benefits and value of an in situ simulation program*

## Use a 5S Approach to Create Standard Work and Reduce Waste (37852)

### 📍 Debrief 1, 4th Floor

During this session, participants will be introduced to the 5S methodology, first introduced by the manufacturing industry, now applied across a variety of clinical practice settings. Participants will gain an overview of 5S and how it can be applied to any size simulation center. Simulation professionals, from novice to expert, will gain insights that can be implemented with minimal time and expense at their institution.

### LEARNING OBJECTIVES

1. *Describe how the 5S approach is an ideal tool for enhancing technical operations*

2. *Identify the types of waste in your workspace*
3. *Define standard work and how it could impact operations in your role*

## Use Toastmasters as a Template for Professional Development (37382)

### 📍 Learning Studio A, 3rd Floor

Simulation Operations Specialists not only need to be experts in the varied aspects of simulation operations, they also need the communication and public speaking skills to transmit that knowledge to faculty, staff, and students. This course will discuss tips for improving one's communication and public speaking abilities.

### LEARNING OBJECTIVES

1. *Define the skills needed for public speaking*
2. *Discuss a framework for demonstrating and evaluating the skills of public speaking*
3. *Determine the elements and their order of delivery that need to be included in a program at your facility*

2:30 PM – 3:30 PM

## Author, Editor, Simulation Specialist! (37743)

### 📍 Debrief 5, 4th Floor

For this session our goal is to show participants how to first identify what makes up the ideal simulation specialist from entry level to seasoned operator, as well as the limiting and beneficial factors in the education process. Next we will show the collaborative effort that the simulation specialist can provide during the curriculum process, from creation of new pieces of education, through the review process, and the updating process.

### LEARNING OBJECTIVES

1. *Identify the benefits and limitations of types of simulation specialists with regard to curriculum development, execution, and review*
2. *Demonstrate the typical model for curriculum development without simulation specialist support and its weaknesses*
3. *Demonstrate the revised model for curriculum development with simulation specialist support with its strengths over the typical model*

## The Benefits and Challenges of In Situ Simulation (37849)

### 📍 Debrief 2, 4th Floor

This course is designed to provide information on creating in situ simulation programs and scenarios as well as to provide examples of challenges of performing simulation in a patient care environment. This course will discuss how to manage requests for in situ simulation as well as how to overcome physical and technical challenges you may encounter.

### LEARNING OBJECTIVES

1. Identify the benefits of in situ simulation over simulation in a lab
2. Identify how to manage requests for in situ simulation
3. Manage the challenges of performing simulation in a patient care environment

## Bridge the Gap: Right Environment, Right Equipment, Right Technique (37499)

### 📍 Learning Studio A, 3rd Floor

Simulation Operations Specialist (SOS) are often paired with non-simulation educators to develop programs. The SOS must possess knowledge of which technique and technology is most appropriate for the educational event. Gaps remain in the ability to apply the right technique and technology to simulations. This talk will enhance the SOS tool kit by providing a quick guide to which simulation technique best fits a learner's level of competence.

### LEARNING OBJECTIVES

1. Discuss Traditional, Rapid Cycle Deliberate Practice, Simulation-based Mastery Learning, and Simulation First as the four most common simulation techniques
2. Identify and describe novice, advanced beginner, competent, proficient and expert as a competency scale
3. Distinguish between the four most common simulation techniques which is most appropriate for planning simulation based learning based on learners' level of competency

## Dynamic & Innovative Solutions for Programming and Operating LLEAP Software (37822)

### 📍 Debrief 1, 4th Floor

This session will explain an innovative and easy program technique to create highly flexible semi-automatic simulation scenarios. The concept is applicable to any simulator that utilizes LLEAP software. The concept does not alter the original code but changes the structure of the scenario in such a way that it will allow for transition from any location in the scenario to any other location at the operator's discretion.

### LEARNING OBJECTIVES

1. Obtain innovative tools to create highly flexible scenarios utilizing LLEAP software
2. Explore a new and easy approach to use LLEAP software to pause and restart the activity at any point in the scenario
3. Discuss ways to utilize less familiar tips and tricks to make LLEAP software work for you

## Simulation Care Affordability Project (Sim C.A.P.) (37820)

### 📍 Debrief 3, 4th Floor

This course will discuss the Simulation Care Affordability Project (SIM C.A.P.) a plan to reutilize materials in order to alleviate some of the cost of purchasing frequently used equipment resulting in rerouting the savings back into your department. SIM C.A.P. entails collecting expired/unused OR equipment and dispersing them back into several departments.

### LEARNING OBJECTIVES

1. Recognize ways to reutilize expired/unused OR equipment
2. Discuss methods to disperse the donated equipment across various departments in need
3. Demonstrate data collections and outcomes of tracking cost savings for donated equipment and materials

## Telesimulation as a Learning Tool in Interprofessional Practice and Education (37920)

### 📍 Debrief 4, 4th Floor

During this session, we will define telesimulation based on a behavioral health and IPE research study with healthcare professionals.

Faculty will discuss the feasibility of telesimulation, with insight regarding future opportunities and directions for curriculum and research. Subsequently, we will highlight the current areas of interest related to telesimulation, barriers to implementation, and potential solutions for effective integration.

### LEARNING OBJECTIVES

1. Review the definition of telesimulation in medical education
2. Demonstrate integration of telesimulation in healthcare including behavioral health and interprofessional practice and education
3. Identify potential areas of introducing telesimulation in curriculum and educational research

## Tell Me More: An Introduction to Debriefing (38714)

📍 **Classroom 1, 4th Floor**

Often for Simulation Operations Specialists, debriefing is something of a mystery. The simulation ends, the students leave the room, and we set up for the next case. But what's going on in the debriefing room? Join us for an introduction to the vast world of debriefing. We will discuss the basics of debriefing, as well as look at two distinct approaches and apply what we have learned by watching a recorded simulation and providing feedback.

### LEARNING OBJECTIVES

1. Define debriefing in medical simulation
2. Discuss two different approaches to debriefing
3. Apply debriefing strategies discussed at attendee's home institution

**3:45 PM – 4:30 PM**



## Closing Plenary Session: Invent Your Career Success (38666)

📍 **Tiered Lecture, 2nd Floor**

**SPEAKERS:** Scott Atkinson, CCMT-P, BA, Assistant Director, L3 Healthcare; Maeve Geary, Special Effects & Medical Simulation, PhD Candidate & Consultant; Jamie Stiner, CHSOS, Simulation Operations Specialist for the High Reliability Team (HR Team) for University of Texas Southwestern (UTSW)

Join us as we hear the unique stories of three medical simulation professionals. Listen as they tell their inspiring stories of how through dedication, time, and continued learning they invented their own career success. Panelists will discuss the different avenues that brought them to medical simulation and how they have been successful in their journey.

### LEARNING OBJECTIVES

1. Discuss the different career paths available to the Simulation Operations Specialist
2. Discover new career opportunities available to simulation professionals
3. Explore future career options with other simulation professionals

**Friday, July 27**

**5:30 PM - 7:30 PM**

**Portland Marriott  
Downtown Waterfront,  
Exhibit Hall**

## **Development of Low-cost Task Trainer for Emergency Thoracotomy Training (37845)**

### **PRIMARY FUNCTION**

*Task trainer to perform Emergency Thoracotomy*

## **3D Printed Electronic ICU Button (37936)**

### **PRIMARY FUNCTION**

*Mimic its real-life counterpart in both form and function. When a resident or fellow pushes the button a chime will sound indicating the call center has been reached.*

## **Utilizing Low-cost Game Development Techniques for Simulations (37987)**

### **PRIMARY FUNCTION**

*Lower the barrier between what an educator wants and what they have*

## **Use Microsoft Word to Create a Smart Doc for Paperwork Frequently Used in Simulation (38154)**

### **PRIMARY FUNCTION**

*Allow easy and accurate editing of frequently used documents in simulation by automatically updating specific data throughout a multi-page document when the information is entered only once.*

## **Design and Evaluation of a More Realistic Tube Thoracostomy Task Trainer (38189)**

### **PRIMARY FUNCTION**

*Develop a tube thoracostomy task trainer ("T4") with readily available materials that has enhanced realism and lower cost than existing, commercial trainers.*

## **Home Grown, Simulated Glucometer: One Step Closer To Reality! (38232)**

### **PRIMARY FUNCTION**

*The Simulated Glucometer is a realistic solution to the difficulties of simulating diabetic-related symptoms. This SimVention provides variable real-time, programmable blood glucose readings during a simulation event.*

## **High-fidelity Simulated Point-of-care Testing Devices (38243)**

### **PRIMARY FUNCTION**

*Provides learners similar experience of point-of-care device use. Allows facilitator/tech to provide learners with specific lab values during simulation. Drastically reduces cost when compared to purchase of actual devices*

## **3D Printed Port-a-cath (38287)**

### **PRIMARY FUNCTION**

*Mirror its real life counterpart in both form and function while maintaining the highest fidelity.*

## **Simulated Medication Safety: Creating High-fidelity Simulation Medications (38288)**

### **PRIMARY FUNCTION**

*Represent their real-life counterparts with the highest fidelity possible.*

# SHOWCASE

## Pressure Ulcer Task Trainers (38302)

### PRIMARY FUNCTION

*To educate staff on the different stages of pressure ulcers without the ability to reference other stages of pressure ulcers.*

## Ultrasound IV Task Trainer (38303)

### PRIMARY FUNCTION

*The ability to teach healthcare providers how to cannulate an IV utilizing ultrasound techniques without practicing on a real person.*

## Umbilical Task Trainer (38312)

### PRIMARY FUNCTION

*Instruct medical residents and professional NICU responders in the proper process of safely cutting an umbilical cord and administration of life saving medications, during emergency response situations*

## Gimme A Hand: A Low-cost IV Management Task Trainer (38526)

### PRIMARY FUNCTION

*Scale up IV management learning across a large cohort and expand learning beyond the clinical lab boundaries at low cost.*

## Bleeding Cricothyrotomy Task Trainer (38660)

### PRIMARY FUNCTION

*Cricothyrotomy*

## Ultrasound Capable IV Access Task Trainer (38661)

### PRIMARY FUNCTION

*Ultrasound IV access*



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## Speaker Session

Friday, July 27<sup>th</sup> 11:15-12:15 pm

## Using Real Equipment to Enhance the Simulation Experience for Learners

**Stephanie A. Nonas, M.D.**

Associate Professor of Medicine.  
Director, Medical Intensive Care Unit.  
Medical Director of Respiratory Care.  
Associate Director of Extracorporeal Life Support OHSU Division of Pulmonary and Critical Care Medicine.

Learn the benefits of using high-fidelity simulation, real equipment, and realistic simulation environments to enhance the simulation experience.

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# Exhibitors

## 101 B-Line Medical, LLC

1300-19th St., NW #100  
Washington, DC 20036  
[www.blinemedical.com](http://www.blinemedical.com)

B-Line Medical is focused on the capture, debriefing and assessment of healthcare training and clinical events. B-Line Medical specializes in the delivery of robust, yet easy-to-use web-based solutions that have helped over 500+ hospitals, medical schools, and nursing programs in 30+ countries operate and manage their training and quality improvement programs more effectively. Please visit our booth to learn more about our products and services.

## 102 KbPort

882 Butler St  
Pittsburgh, PA 15223  
[www.Kbport.com](http://www.Kbport.com)

KbPort™, a software and hardware development company, specializes in Healthcare education. Since 1994, KbPort™ has developed the next generation of teaching tools in KbPort Simplicity™, our recording, debriefing and simulation-based solution. Realistic, fully-integrated and functional, Simplicity™ enables institutions to achieve enhanced educational outcomes through the use of technology.

## 103 Cardionics

910 Bay Star Blvd.  
Webster, TX 77598  
[www.cardionics.com](http://www.cardionics.com)

Today and into the future, Cardionics' approach continues to set the pace for auscultation products and services through the development of unique, interactive and experiential systems that integrate seamlessly into classroom, clinical, and tele-health applications.

## 104 Gaumard Scientific

14700 SW 136th St.  
Miami, FL 33196  
[www.gaumard.com](http://www.gaumard.com)

Gaumard provides simulation solutions for healthcare education, offering maternal, neonatal, emergency, nursing, respiratory and life support simulators and Tetherless "Care in Motion" simulation technology. We are the pioneers and the industry leaders. Educators worldwide rely on our diverse line of simulators to train today's healthcare students and professionals.

## 105 Level 3 Audiovisual

955 E. Javelina Ave., Ste. B106  
Mesa, AZ 85204  
[www.l3av.com](http://www.l3av.com)

Level 3 Healthcare is an Audiovisual Technology company specializing in the AV recording and debriefing of healthcare simulation. We are the exclusive US distributors of SIMStation - a professional recording and debriefing platform. In addition to being an Audiovisual company, we provide a true "turn-key" solution for sales, consultation, installation, remote monitoring and support. Stop by our booth to meet our full-time subject matter experts to assist with any questions regarding healthcare simulation.

## 106 Innov2Learn & Medicor-Lab

400 Rue Montfort  
Montreal, QU H3C 4J9  
[www.i2L.ca](http://www.i2L.ca)

Our team wants to improve the world and believes education is the solution. At Innov2Learn, we build simulation tools like glucometer, thermometer and pulse oximeter that look realistic but are totally fake to give life to your scenarios. Visit our booth and see for yourself how easy it is to control them with a tablet, a computer or...your phone!

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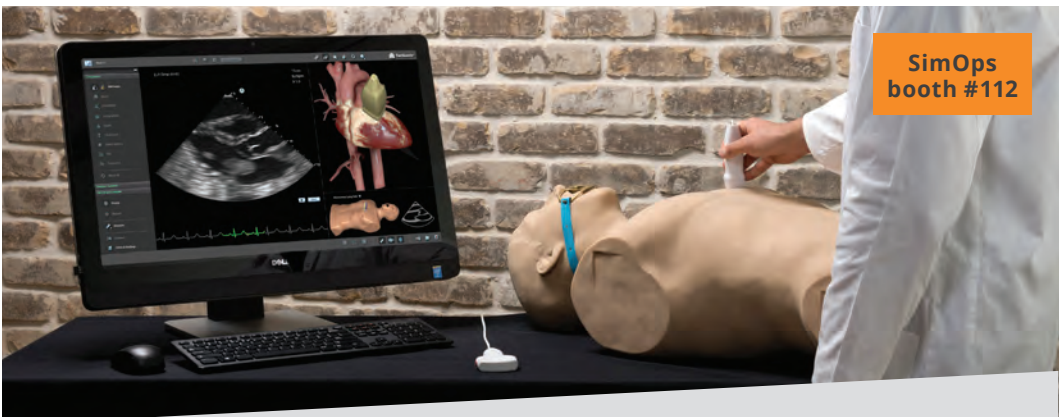
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## 107 CAE Healthcare

6300 Edgelake Drive  
Sarasota, FL 34240  
[www.cae.com](http://www.cae.com)

CAE Healthcare delivers simulation-based training solutions to hospitals, educational institutions and clinicians worldwide. Visit the CAE Healthcare booth to learn about our latest patient, imaging and interventional simulators, including Ares emergency care manikin, Juno clinical skills manikin and Augmented Reality with Microsoft HoloLens. Ask about our Center Management Solutions.

## 108 Simulab Corporation

13001-48th Ave. S.  
Seattle, WA 98168  
[www.simulab.com](http://www.simulab.com)

Simulab is dedicated to replicating human anatomy and building realistic, affordable and easy-to-use training tools for medical professionals. For 24 years we have been the world leader in soft tissue simulation. With one touch you'll see that our tissues look, feel, ultrasound suture and bleed like real human tissue.

## 110 Laerdal Medical

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[www.laerdal.com](http://www.laerdal.com)

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## 111 Lecat's Ventriloscope, LLC

164 West Ave., #132  
Tallmadge, OH 44278  
[www.ventriloscope.com](http://www.ventriloscope.com)

Lecat's Ventriloscope® LLC develops high-quality, cutting-edge simulation stethoscopes and accessories that are backed by research. Created by a physician for clinicians, all Lecat systems are

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## 112 3D Systems Simbionix

5381 South Alkire Circle  
Littleton, CO 80127  
[www.3dsystems.com](http://www.3dsystems.com)

3D Systems offers a full range of clinically validated medical and surgical simulators that span medical specialties. Stop by booth 112 to demo the U/S Mentor for the training of ultrasound-related examinations and interventions. Learn more at [www.simbionix.com](http://www.simbionix.com) or request a demo at your institution at [healthcare@3dsystems.com](mailto:healthcare@3dsystems.com).

## 113 7-SIGMA Simulations Systems

2843-26th Ave. S.  
Minneapolis, MN 55406  
[www.7-SIGMA.com](http://www.7-SIGMA.com)

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## 114 KindHeart, Inc.

1201 Raleigh Road, Ste.102  
Chapel Hill, NC 27517  
[www.kindheart.com](http://www.kindheart.com)

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[www.isimulate.com](http://www.isimulate.com)

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4715 Spinnaker Dr.  
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[www.echo.healthcare](http://www.echo.healthcare)

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## **119 Pacific Northwest Healthcare Simulation Collaborative**

505 Broadway E., #315  
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[www.pnwhsc.com](http://www.pnwhsc.com)

PNWHSC provides a forum for members to discuss simulation, share evidence-based best practice for simulation learning experiences, as well as, share individual expertise, techniques, tools and resources in simulation training. PNWHSC members are educators, practitioner's researchers and stakeholders from schools of nursing and medicine, hospitals, and industry.

## **117 Boise State University School of Nursing**

1901 University Dr.  
Boise, ID 83725  
[www.boisestate.edu](http://www.boisestate.edu)

Boise State is pleased to offer a one-year, online graduate certificate in Healthcare Simulation to healthcare educators and simulation technicians. Courses are taught by CHSE certified faculty and cover simulation practice, education and operations. Also available is a post-master's Doctor of Nursing Practice in Leadership open to nurses with master's degrees in nursing or related fields.

## **120 Simulation Operations Solutions (SOS)**

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[www.simopsolutions.io](http://www.simopsolutions.io)

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# Notes

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