## Bringing Simulation Users Together

The Simulation User Network (SUN) Conference draws over 300 user network members to each meeting. It serves as a platform for collaboration, innovation and simulation advancements that lead to improvements in education and healthcare delivery.

## What You Can Expect at the SUN

The SUN Conference is a place to meet others who are just like you and connect with industry leading experts. Featuring best practices and hands-on demonstrations to help advance simulation training programs across all healthcare disciplines,  the SUN Conference allows you to:

- Discover innovative strategies
- Unite with industry leaders
- Learn new techniques

**Details**

**When**
Tuesday, October 9, 2018 - Thursday, October 11, 2018
**Where**
Rosen Centre® Hotel
9840 International Drive
Orlando, Florida 32819
**Websites**
Rosen Centre® Hotel

**Contact Us**

**Marion Young**
Laerdal Medical
Product Marketing Manager
Marion.Young@laerdal.com

**Agenda**

- **Please note sessions that require you to bring a PC Laptop with Windows 7, 8, or 10.**
- **FYI -LLEAP does not support Windows XP or Vista**
- **Laerdal software is <u>not</u> compatible with Apple Operating Systems.**

Closed 🔒 | Optional ◆

Tuesday, October 9, 2018

**Pre-Conference**

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|---|---|
| 7:00 AM - 8:00 AM | **Breakfast** |
| 8:00 AM - 4:00 PM | **Registration/Help Desk Open** |
| 8:00 AM - 8:30 AM | **Welcome and Introductions** |

8:30 AM - 9:15 AM    **General Session - CPR Competency as the New Standard of Care**

**Speakers:** Brian Eigel, Ph.D.

9:30 AM - 12:00 PM    **Building a Successful Simulation Program - Part 1**    🔒◆

Successful operation of a healthcare simulation program requires the integration of curriculum, technology, systems and appropriate staff development using promising practices. In this session, participants will gain an understanding of selected standards and best practices for managing simulation resources and environments. The session includes discussion of healthcare simulation standards and guidelines, self-assessment of these standards and guidelines, and demonstration of solutions to build and sustain a successful program. The session includes discussion on faculty preparedness, utilizing resources effectively and efficiently and; creating a measurement plan to keep your program on track.
**Learning Objectives:**
• Discuss barriers and gaps to best practices and standards related to managing simulation programs
• Discuss best practices and standards related to use of health care education simulation in teaching and learning

**Speakers:** John Gillespie,
Russell Smith, RN, BS, CHSE,
Kim Tinsley, MSN, RN, CHSE

9:30 AM - 12:00 PM    **RQI 2020 – The Future of High-Quality Resuscitation**    ◆

This session will provide a description of the problem of skills degradation related to traditional resuscitation training. The components and tools available to achieve high-quality resuscitation will be discussed that help an organization achieve goals of increased patient safety and saving more lives. Also, the RQI 2020 program will be presented with the opportunity to engage in the simulation activities, feedback, and debriefing activities included as part of the Resuscitation Quality Improvement curriculum.
**Learning Objectives:**
• Discuss and problem of skills degradation and provide examples of the components and tools necessary to achieve a high-quality resuscitation program
• Relate the need for successful implementation of a program that sustains high-quality resuscitation
• Identify the components of the RQI 2020 program and it's use in achieving high-quality resuscitation in your institution
• Participate in demonstration of the components of the Resuscitation Quality Improvement program and experience the value of feedback and debriefing to improve skills

**Speakers:** Darren LaCroix

9:30 AM - 12:00 PM    **SimMan® 3G and SimMan® Essential Fundamentals - Repairs, Tips and Troubleshooting**    🔒◆

Product performance directly affects simulation goals and objectives. To ensure equipment works in the best possible way, this course is designed to cover general troubleshooting and best suited for those who have worked with a SimMan® 3G or SimMan® Essential for six or more months.
Focusing on SimMan® 3G and SimMan® Essential simulators, this course will go over basic repairs, troubleshooting, and technical tips to help ensure your simulation runs efficiently. These focus areas are the foundation to keeping systems available and ready when simulators are called into action. Participants will have the opportunity to gain hands-on experience in this session.

**Prerequisites required for this program:**
• 6+ months experience working on a SimMan® 3G and/or SimMan® Essential
**Learning Objectives:**
• How to troubleshoot/replace head speaker
• Troubleshooting eye module, replacing module
• Opening calf to resolve issue in leg
• Updating LLEAP and running manikin update
• Calibration of BP/Flowmeter
• How to test your compressor leg to ensure proper pressure

**Speakers:** Edward Carter

9:30 AM - 12:00 PM  **SimPad® PLUS - Running a Simulation Just Got Easier**



Whether you're training on a simulator, task trainer, or standardized patient, SimPad® PLUS allows instructors to deliver highly effective simulation based training. SimPad PLUS will simplify your ability to consistently deliver high quality simulations and achieve your learning objectives.
This workshop will provide the participant with introductory training on SimPad® PLUS. Participants will learn the processes for operating a SimPad PLUS, reviewing system settings, running a scenario in Automatic Mode and operating a theme in Manual Mode.
**Prerequisites required for this program:**
• Laptop required (Apple Operating System is not compatible) with Theme Editor software
• Bring your SimPad® PLUS or SimPad®, including all cables and power cords
• Download at http://www.laerdal.com/themeeditor/
• Follow directions to download SilverLight software
• Once Theme Editor is open, right click to save
**Learning Objectives:**
• Navigate SimPad® PLUS and system settings
• Utilize Automatic Mode to run a scenario
• Utilize Manual Mode to operate a theme
• Create a Theme and transfer it to SimPad PLUS
• Set up the SimPad PLUS System on a simulator

**Speakers:** Karen Howard, BSN, RN, CHSE

9:30 AM - 12:00 PM  **Transition to LLEAP - Unify and Simplify Simulation Operations with LLEAP**



The Laerdal Learning Application - LLEAP platform brings simplicity to simulation training and efficiency to managing and operating scenarios. This session will introduce participants to the concept of the LLEAP platform and provide a full scope of operational and technical guidelines required for easy navigation and seamless integration. Come learn about the solution designed to meet the specific needs of your Simulation Lab. You must have the LLEAP Lite platform downloaded to your laptop for this session.
**Prerequisites required for this program:**
• Experience using Laerdal operating systems
• Laptop required (Apple Operating System is not compatible)
• Download LLEAP Lite and save to your PC at laerdal.com/LLEAPLite
**Learning Objectives:**
• Explain operation and navigation of LLEAP Simulation Home
• Review technical requirements of LLEAP platform
• Navigate to appropriate LLEAP Instructor Application sites
• Identify advantage of LLEAP platform for managing simulation devices

**Speakers:** John Mullins

12:00 PM - 1:00 PM  **Lunch**

1:00 PM - 3:30 PM  **Building a Simulation Curriculum for Nursing Education - Part 2**

Teaching nursing using simulation has been proven to be as effective as traditional clinical methods when faculty have the needed skills and resources. All nurse educators need to understand the unique contributions that the educational strategy of simulation brings to the curriculum. In this session, participants will begin exploring the nursing's target program of study and how the curriculum map can systematically help to identify thoughtful integration of simulation teaching activities to appropriately align with program and course learning outcomes.
**Learning Objectives:**
• Explore a target program of study for thoughtful simulation integration into a curriculum map
• Discuss how specific simulation scenarios can be mapped to course, lab, and/or

clinical objectives based on goals and initiatives established for a simulation program
• Conduct a self-assessment to identify opportunities for enhancing a program of simulation

**Speakers:** Susan Forneris PhD, RN, CNE, CHSE-A

1:00 PM - 3:30 PM     **Building a Simulation Curriculum for Practice - Part 2**

New clinicians come with a variety of experiences, skills, education and backgrounds making transition to practice a critical issue - from clinicians to administrators alike. Learn how exposure to simulation can help staff smoothly transition to practice and integrate into a larger team of healthcare providers. Explore competencies.
**Learning Objectives:**
• Identify issues specific to transition to practice
• Describe the role of simulation in preparing new students for a clinical environment
• Discuss collaboration with multidisciplinary leadership
• Describe how to plan and implement transition to practice simulations
• Define measurable objectives for success

**Speakers:** Molly Kellgren, MSN, RN, CNE, CHSE

1:00 PM - 3:30 PM     **Link Box 101- Troubleshooting and Best Practices**

PC laptop required

Developing the skills and knowledge to keep Link Box controlled simulators performing optimally is essential for your simulation program. Learn the recommended setup, updating software, and basic troubleshooting tools for simulators that utilize a Link Box.
Focusing on the Link Box, LLEAP and SimPad® PLUS applications, participants will be able to identify key troubleshooting areas for optimized simulation and have the opportunity to gain hands-on experience.
**Prerequisites required for this program:**
• Worked with a Link Box manikin for three or more months
• Laptop required (Apple Operating System is not compatible)
**Learning Objectives:**
• SimPad® PLUS and Link Box battery indicators
• LLEAP VCA Setting and configurations
• Updating LLEAP Software and verifying software version
• Setting up Hosted Network
• Troubleshooting Issues – Static sounds, cable, manikin identification

**Speakers:** Edward Carter

1:00 PM - 3:30 PM     **Themes - The Simple Method**

PC laptop required

Achieve greater efficiency creating and using themes. This session will demonstrate the ease of programming states within themes. Participants will have an interactive session navigating the Laerdal software to utilize this time-saving feature. Themes allow for quick changes, or programmed transitions, of the simulator's features to help achieve better simulation. You must have a current version of LLEAP Software installed on your laptop for this session.
**Prerequisites required for this program:**
• Laptop required (Apple Operating System is not compatible)
• Come with a patient case document to work from
• Must have basic computer skills. Learner must know how to run a scenario on a manikin prior to this session
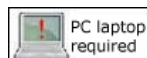**Learning Objectives:**
• Navigate the Laerdal software creating multiple states for simulation progression
• Demonstrate the ability to program abrupt and transitional changes of simulator features
• Leave the session with a theme, ready to use at your institution

**Speakers:** John Mullins

1:00 PM - 3:30 PM     **Turn Up the Volume - Incorporating Media in Simulation**

PC laptop required

Evidence suggests that enhancing fidelity in simulation is critical to effective learning. This interactive session will provide participants with experience finding and incorporating electronic audio, video, and images into simulation. Maximize your simulation efficiency by collecting, organizing, and personalizing media resources.
**Prerequisites required for this program:**
• Basic computer skills
• Laptop required (Apple Operating System is not compatible)

**Learning Objectives:**
- Recall types of media used in simulation
- Identify sources of media files
- Integrate media files into the scenario
- Download and store media files to LLEAP software

**Speakers:** Karen Howard, BSN, RN, CHSE

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| 3:30 PM - 3:55 PM | **Networking Break** |
| 4:00 PM - 6:00 PM | **Optional: Movie Screening "To Err is Human"** |
| | **Speakers:** Susan Henley Hébert, MSMS, RN, CHSE |

Wednesday, October 10, 2018

**Day 1**

**7:00 AM - 8:00 AM**    **Breakfast**

**8:00 AM - 8:40 AM**    **General Session**

View a simulation from start to finish. Learn what it takes to set learning objectives, plan the scenario, recruit participants and debrief. Presented by Florida Hospital.

**Speakers:** Nate Huffman BSBA, CHSOS,
Rene Ruiz-Nieves, MD, MS, FAAP, CHSE,
Shannon Swain, BSN, RN, CHSE, CHSOS

**8:45 AM - 9:15 AM**    **Simulation Operations**

**Speakers:** Patrick Connors, MS

**9:15 AM - 9:45 AM**    **Faculty Development**

**Speakers:** Teresa Gore, PhD, DNP, FNP-BC, NP-C, CHSE-A

**9:45 AM - 10:00 AM**    **Networking Break**

**10:00 AM - 12:00 PM**    **A Simulation Program Designed for Success - Simulation Education Solutions for Nursing**

Many institutions do not have a strategic plan for implementation and sustainability of simulation throughout the curriculum. Struggles include understanding curriculum integration, preparing faculty in simulation methodology, debriefing and program support. In this session, learners will discuss program assessment as a first step in evaluating a simulation program for success and identify opportunities for improvement in key areas.
**Learning Objectives:**
- Using a case study, create an action plan for a targeted assessment area using appropriate standards
- Discuss the benefits and risks associated with implementing an action plan and ongoing assessment

**Speakers:** John Gillespie,
Russell Smith, RN, BS, CHSE

**10:00 AM - 12:00 PM**    **Are You Ready for Simulation Evaluation?**

Many schools are instituting the use of simulation for evaluation of student learning without adopting solid best practices in several aspects such as establishing validity and reliability, selection of appropriate tools, implementation, etc. In this session, participants will incorporate best known practices when planning and implementing evaluation using simulation scenarios.
**Learning Objectives:**
- Differentiate between formative and summative assessment in simulation
- Compare evaluation tools used for simulation

**Speakers:** Susan Forneris PhD, RN, CNE, CHSE-A,
Molly Kellgren, MSN, RN, CNE, CHSE

**10:00 AM - 12:00 PM**    **Imitating Reality - A Moulage Experience**

Disbelief can be suspended in simulation with proper preparation, environment and moulage. Moulage enhances the reality of the learning environment.
In this session, you will learn and experience hands on moulage techniques with kits, innovative homegrown ideas and shared resources. Participants will learn how to

imitate reality through discussion of and active participation in the art of moulage, taking simulation training to the next level.

**Learning Objectives:**

- Discuss opportunities in simulation to enhance the experiential learning
- Understand when too much will distract from the learning objectives
- Identify ways to protect and preserve your simulators
- Demonstrate moulage techniques and recipes for effective moulage
- Apply techniques to suspend disbelief and explain its use in simulation based training

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|---|---|
| 10:00 AM - 12:00 PM | **Interprofessional Patient Safety** |

The complex health care needs of today's society require health care professionals to work as a collaborative team. Safe, quality health care depends on the ability of the health care team to cooperate, communicate, and share skills and knowledge appropriately. Interprofessional education provides a collaborative approach for the development and mastery of these competencies. Simulation-based experiential learning is recognized as an effective way to promote interprofessional education teamwork.

**Learning Objectives:**

• Define error, adverse event, and near miss
• Discuss the incidence and prevalence of medical errors in our healthcare systems
• Explain how simulation in general, and in-situ simulation specifically, can be used to improve patient safety
• Identify the learning outcomes that can be taught utilizing in-situ simulation
• Describe an example of a hospital-based quality improvement program using simulation
• Discuss the benefits and challenges of in-situ simulation

**Speakers:** Ivette Motola MD, MPH, FACEP

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|---|---|
| 10:00 AM - 12:00 PM | **SimMan® 3G and SimMan® Essential Fundamentals - Repairs, Tips and Troubleshooting** |

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**Prerequisites required for this program:**

• 6+ months experience working on a SimMan® 3G and/or SimMan® Essential

**Learning Objectives:**

• How to troubleshoot/replace head speaker
• Troubleshooting eye module, replacing module
• Opening calf to resolve issue in leg
• Updating LLEAP and running Manikin update
• Calibration of BP/Flowmeter
• How to test your compressor leg to ensure proper pressure

**Speakers:** Edward Carter

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| 12:00 PM - 1:00 PM | **Lunch** |

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| 1:00 PM - 3:00 PM | **Engaging Student Learning with Debriefing** |

Debriefing and feedback are not the same. Debriefing requires a thoughtful approach by which individuals question and reorganize how they think, act, and understand. This two hour session will teach underlying principles of good debriefing practice and how they can be applied in multiple learning situations and environments. Participants will gain an understanding of debriefing best practices.

**Learning Objectives:**

- Discuss underlying principles of good debriefing practices
- Define ways to operationalize debriefing principles in varied environments

**Speakers:** Susan Forneris PhD, RN, CNE, CHSE-A,
            Molly Kellgren, MSN, RN, CNE, CHSE

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| 1:00 PM - 3:00 PM | **Funding Your Lab - Where's the Money?** |

This session will discuss grants, funding opportunities and financing.

**Learning Objectives:**

• Learn the basics of grant funding and discover grant resources available to assist you
• Identify possible grants and funding sources
• How does leasing equipment work?
• How to discuss leasing with your financial decision maker

**Speakers:** Liz Finkle

**1:00 PM - 3:00 PM**

**Imitating Reality - A Moulage Experience**

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- Understand when too much will distract from the learning objectives
- Identify ways to protect and preserve your simulators
- Demonstrate moulage techniques and recipes for effective moulage
- Apply techniques to suspend disbelief and explain its use in simulation based training

**1:00 PM - 3:00 PM**

**Link Box 101 - Troubleshooting and Best Practices**

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Focusing on the Link Box, LLEAP and SimPad® PLUS applications, participants will be able to identify key troubleshooting areas for optimized simulation and have the opportunity to gain hands-on experience.

**Prerequisites required for this program:**
• Worked with a Link Box manikin for three or more months

**Learning Objectives:**
• SimPad® PLUS and Link Box battery indicators
• LLEAP VCA Setting and configurations
• Updating LLEAP Software and verifying software version
• Setting up Hosted Network
• Troubleshooting Issues – Static sounds, cable, manikin identification

**Speakers:** Edward Carter

**1:00 PM - 3:00 PM**

**Simulation Career Field Panel – From Philosophy to Job Description Development**

Whether you're from an established simulation program or one that is just starting, we all face the challenge of attracting, developing and retaining quality simulationists on our staffs.
Learn how leading healthcare simulation leaders and practitioners have built a world-class simulation program over the last four years at Florida Hospital in Central Florida. Engage in group discussions, share ideas, and walk away with actual job descriptions of tiered simulation career fields.

**Learning Objectives:**
• Identify the leader philosophy that underpins role equity in healthcare simulation career fields
• Discuss a tiered approach to simulation job descriptions that fosters career longevity in two critical roles
• Discuss effects on employees who work within a framework of career field progression
• Discuss job description development methodologies
• Observe examples of completed multi-tiered job descriptions from two simulation career fields

**3:00 PM - 3:30 PM**

**Networking Break**

**3:30 PM - 4:30 PM**

**Optional: Round-Table Discussion Groups - Sessions Fill Quickly!**

Choose a topic:
- Improving IPE with Simulation
- Creating Buy-In
- Hospital Based Simulation
- How do you show ROI
- Faculty Development
- Lessons Learned from a SimTech
- Replacing Clinical Time with Simulation

**4:30 PM - 6:30 PM**

**Solutions Bar Reception**

**Programs and Solutions to be featured**
- NEW! SimNewB®
- NEW! SimBaby™
- Laerdal Global Health
- Accelerating to Practice

- Nursing Anne Simulator
- SimMan® 3G with ASL 5000 Lung Solution
- SimMan® Vascular
- SimMom®
- SimMan® ALS
- SimView™ Mobile
- ShockLink™
- Harvey®
- Premature Anne™
- vSim®
- Simulation Education Solutions for Nursing (SESN)
- Laerdal-SonoSim Ultrasound Solution
- Simulation Financing Solution
- Resuscitation Quality Improvement (RQI)

Thursday, October 11, 2018

**Day 2**

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|---|---|
| 7:00 AM - 8:00 AM | **Breakfast** |
| 8:00 AM - 8:30 AM | **General Session - Development and Implementation of Simulation-Enhanced Interprofessional Education**<br><br>This presentation will cover pearls and pitfalls for the design and implementation of simulation-enhanced interprofessional education including applicable standards and best practices.<br><br>**Speakers:** Chad Epps, MD |
| 8:30 AM - 9:00 AM | **General Session - Evaluation**<br><br>**Speakers:** Susan Forneris PhD, RN, CNE, CHSE-A |
| 9:00 AM - 9:30 AM | **General Session - Patient Safety, Human Factors and Simulation**<br><br>This presentation will promote interactive discussion with speakers and SUN participants to generate a grassroots effort in the simulation community in addressing the current issue of human error in healthcare.<br><br>**Speakers:** Teresa Britt, MSN, RN, CHSE,<br>Susan Henley Hébert, MSMS, RN, CHSE |
| 9:30 AM - 10:00 AM | **Panel Discussion** |
| 10:00 AM - 10:15 AM | **Networking Break** |
| 10:20 AM - 11:20 AM | **Growing Pains - Expansion of a Simulation Program**<br><br>Each step of growing your simulation center comes with new challenges. This session will cover different potential stages of simulation program development. Content will include beginning to advanced problem-solving for common issues related to regulations, policies, and logistics. Topics/things to consider at each stage will be discussed including: drafting/rewriting policies and procedures, adding standardized patients/embedded participants, faculty development and growth, as well as, steps to accreditation.<br>**Learning Objectives:**<br>• Describe at least two different stages of simulation program development<br>• Discuss at least three common issues of simulation program development within each stage<br>• Develop practical strategies for common problems discussed<br><br>**Speakers:** Mindi Anderson, PhD, ARNP, CPNP-PC, CNE, CHSE-A, ANEF,<br>Desiree Diaz, PhD, RN-BC, CNE, CHSE-A |
| 10:20 AM - 11:20 AM | **Improving Neonatal Outcomes**<br><br>Ventilation of a newborn's lungs is the foundation of neonatal resuscitation. Acquiring the knowledge and skills required to save a newborn's life is essential when a baby is born and unable to take its first breath. Neonatal resuscitation and post resuscitation care requires preparation, good communication skills and teamwork to effectively manage a complex and critical resuscitation event.<br>Using simulation training is an opportunity to focus on specific needs and helps suspend disbelief, making the simulation experience more impactful for the learners, ultimately improving a patient's outcome.<br>**Learning Objectives:**<br>• Recognizing the newborn in distress<br>• Ensuring the right team is on hand, identify the leader and additional |

responsibilities assigned
• Proceeding through the MR. SOPA steps for ventilation in neonatal resuscitation program

**Speakers:** Jerri Lynn Zinkan, BSN, MPH, RN, CHSE

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| 10:20 AM - 11:20 AM | **Operationalizing the Revised INACSL Standards of Best Practice: Simulation SM** |

Adoption of the INACSL Standards of Best Practice: Simulation demonstrates a commitment to quality and implementation of rigorous evidence based practices in healthcare education to improve patient care by complying with practice standards.
**Learning Objectives:**
• Name the titles and focus of the INACSL Standards of Best Practice: Simulation SM
• Determine at least one strategy for using the Standards in your practice
• Integrate the Standards into simulation use
• Determine the resources needed to incorporate the Standards into simulation at your institution

**Speakers:** Laura Gonzalez PhD, ARNP, CNE, CHSE-A

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|---|---|
| 10:20 AM - 11:20 AM | **Peer-to-Peer Teaching and Learning: Building Quality Clinical Skills in Simulation** |

Healthcare educators across the scholarly literature agree that conventional teaching methods do not always adequately prepare healthcare providers. This shift in paradigm has caused educators to revisit how they deliver teaching and learning experiences. One approach to empowering students to take ownership for their learning is by providing them with the knowledge, tools, and time to develop their clinical skills using the latest technology and making this technology approachable. This session will review the steps taken by an undergraduate nursing program to establish early peer-to-peer engagement using simulators to develop competence in basic skills. Open discussion related to similar experiences to teaching and learning are welcomed for a broader perspective.
**Learning Objectives:**
• Define concepts related to peer-to-peer teaching and learning
• Describe the safeguards to maintain quality in peer to peer learning experiences
• Discover opportunities for increased learner engagement using peer-to-peer teaching and learning

**Speakers:** Henry Henao MSN, ARNP, FNP-BC, CHSE

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|---|---|
| 10:20 AM - 11:20 AM | **Using Simulation to Prepare for the Extreme** |

There is a reason that high performance fields like aviation and military use simulation to train for the extreme. When the extreme happens, human tendency is to rely on instinct. The more training a person has in how to channel that instinct, the better he or she will perform in extreme circumstances. This session will explain and demonstrate how simulation can be used to achieve peak performance during extreme emergencies. The purpose is for attendees to leave with a desire to bring these principles back to your simulation program to empower learners to handle extreme emergency events.
**Learning Objectives:**
• Establishing a mission and intent for your scenarios
• Creating the right environment
• Using competition to increase learner commitment

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| 11:30 AM - 12:30 PM | **Growing Pains - Expansion of a Simulation Program** |

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Using simulation training is an opportunity to focus on specific needs and helps suspend disbelief, making the simulation experience more impactful for the learners, ultimately improving a patient's outcome.

**Learning Objectives:**
• Recognizing the newborn in distress
• Ensuring the right team is on hand, identify the leader and additional responsibilities assigned
• Proceeding through the MR. SOPA steps for ventilation in neonatal resuscitation program

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**11:30 AM - 12:30 PM**

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• Name the titles and focus of the INACSL Standards of Best Practice: Simulation SM
• Determine at least one strategy for using the Standards in your practice
• Integrate the Standards into simulation use
• Determine the resources needed to incorporate the Standards into simulation at your institution

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• Establishing a mission and intent for your scenarios
• Creating the right environment
• Using competition to increase learner commitment