SimTechs are the primary operators or ‘end-users’ of simulation based technology and are quickly becoming the defacto program representatives regarding all future simulation-related technology purchases.
Pre-Conference: June 25th, 2014  
Conference: June 26th & 27th, 2014  
Located at: The University of The Sunshine Coast - The New Nursing & Midwifery Building

Join an estimated attendance of 75 other Simulation Technicians from around the World at the The University of The Sunshine Coast this June 25th - 27th for the global healthcare simulation industry’s “Gathering of Healthcare Simulation Technology Specialists” hands-on training event. Answering an overwhelming call by the Australian community for continued simulation technician specific events, the University of The Sunshine Coast and the SimGHOSTS non-profit 501(c)3 organization are thrilled to invite simulation technicians from around the world to join one another in Queensland, Australia.

The 2014 “SimGHOSTS” event will provide a meeting place for you to exchange ideas and network with technical peers as well as receive specialized training in manikin hardware repair & software programming, audiovisual equipment debugging, IT infrastructures, moulage makeup, team communication & leadership techniques, medical physiology and much more. As well, meet with simulation-based vendors to engage with the latest in healthcare education technology.

Who Should Attend SimGHOSTS 2014 Australia?

Healthcare Simulation Technology Specialists (“Sim Techs”) should attend, or those permanently responsible for the technical operation and maintenance of a high-fidelity healthcare simulation lab. Although the event is open to everyone, SimGHOSTS is designed for technology specialists or those responsible for the physical day-to-day operations and maintenance of simulation equipment and labs.

The SimGHOSTS event is hands-on training for healthcare simulation technicians (or sim lab operators) needing to successfully operate a medical simulation lab. Other events are better suited for those responsible for clinically educating learners through simulation.

What are the SimGHOSTS Sim Meeting Objectives?

- Meet with other Simulation Technicians and share best practices
- Network and build long term industry relationships with peers and vendors
- Receive specialized training in:
  - High-fidelity manikin hardware & software operation, maintenance and repair
  - Audiovisual production techniques and debugging
  - Learning Management System troubleshooting
  - IT networking
  - Team leadership and communication techniques
  - Manikin moulage and makeup
  - Basic medical terminology, physiology, pharmacology and the latest in healthcare education practices.
- Discuss and develop professional community needs and standards.
We are thrilled to announce that iSimulate is the Platinum Sponsor of SimGHOSTS 2014 Australia!

This June 25th-27th, Platinum Sponsor iSimulate will provide the opening keynote address to SimGHOSTS’ first overseas event, hosted at the University of The Sunshine Coast in the Queensland Region of Australia. The keynote will be provided by Dr. Anthony Lewis, iSimulate Co-founder and Medical Director. This event will be live-streamed for FREE through SimGHOSTS.org around the world for those who cannot attend the three day event in Sippy Downs. To learn more about the event, visit the SimGHOSTS 2014 Australia homepage today!

Dr. Anthony Lewis, BSc PhD MB BCh FRCA FANZCA, is a Specialist in Anesthesia and Retrieval Medicine at St George Hospital and Greater Sydney Area HEMS in Sydney. With extensive experience in medical education, Anthony is a Course Director for the Australian Resuscitation Council, has created multiple training courses both in prehospital medicine and anesthesia and has an interest in mobile simulation technology. Seeing the need for an alternative to traditional simulation technologies, Anthony is the co-founder of iSimulate Pty Ltd which produces advanced mobile simulation solutions. Clinically, he has interests in anesthesia for cytoreductive, major spinal, trauma and plastic surgery. He is a member of the St George Resuscitation committee and is the ANZCA Supervisor of Training for GSA-HEMS.

The story of iSimulate is one of an identified need to make simulation technology easier, cheaper and more flexible than existing technology. Created by Medical Educators in Australia, iSimulate started as an idea and has progressed to become a company whose products are used across the world. In this keynote, learn why and how two medical educators decided to challenge a simulation philosophy that “ever more” technologically advanced manikins are better. Instead, they took the cumbersome technology out of the manikin and placed it into an user-friendly iPad.

As iSimulate hardware technology is generic, many options exist to enhance the simulation experience. Apple TV can be used to wirelessly slave the monitor screen to a projector or additional monitor in another room. Bluetooth speakers can be added and placed in a manikin to simulate speech and sounds. The advantage of mobile technology for in-situ simulation is the portability and speed of set-up. Finally, as mobile devices are designed to be used in a connected world, iSimulate has developed it’s own online community site, allowing users to connect throughout the world. iSimulate has a simple mantra: To use the best of current mobile technology to create products that are more advanced, simpler to use and more cost effective than traditional simulation solutions.

To learn more, visit the iSimulateonline.com website today!
Welcome to Queensland, Australia!

The University of The Sunshine Coast
2014 SimGHOSTS Australia Meeting Host

“The best of both worlds”
At USC, students receive a high quality educational experience, while enjoying the relaxed lifestyle that the Sunshine Coast offers.

Students benefit from a friendly and supportive campus environment, access to highly qualified teaching staff, personal attention, and modern technology and facilities. Study choices are wide and degrees are complemented by opportunities to gain practical experience and travel overseas.

The University is registered in the Australian University category in the National Register of Higher Education Providers, meaning USC complies with the Higher Education Standards for Australian universities, made under Australia’s Tertiary Education Quality and Standards Agency Act 2011. University vision: The University of the Sunshine Coast is regionally relevant and recognized, nationally and internationally, for excellence in teaching, research and engagement.

USC is one of Australia’s fastest growing universities, serving the Sunshine Coast and extended region from north Brisbane to the Fraser Coast. Today, with around 9,000 enrolled students, USC is on track to reach projected student enrolments of 12,000 by 2015. USC offers more than 100 undergraduate and postgraduate study programs in business and information technology; communication and design; education; health; humanities and social sciences; and science and engineering. Law will be offered at USC in 2014. USC has a proud record of achievement in learning and teaching. It is the only Queensland public university to consistently rate five stars for teaching quality, and wins more than its share of national teaching awards. The University has also earned multiple five-star ratings for its educational experience, including overall graduate satisfaction, graduate satisfaction with generic skills, gender balance, Indigenous participation and electronic support.

University of The Sunshine Coast website

University Address: 90 Sippy Downs Drive, Sippy Downs QLD 4556, Australia

This new event would not have been possible without the amazing efforts of Dr. Patrea Andersen, Associate Professor of Nursing at the School of Nursing & Midwifery at the University of the Sunshine Coast! Patrea alongside SimGHOSTS Executive Director Lance Baily and Event Director Ryan Eling have been working over two years to help put together Australia’s first technical training meeting for simulation operators!
Gold Sponsor:

About B-Line Medical:

B-Line Medical makes software that helps healthcare professionals and educators improve the delivery of healthcare. Focused on the capture, debriefing, and assessment of medical training and clinical events, B-Line Medical specializes in the delivery of robust, yet easy-to-use web-based solutions. Our software has helped over 300 top hospitals, medical schools, and nursing programs in 12 countries operate and manage their training and QI programs more effectively.

"Simulation Technicians are the backbone of any program, from troubleshooting simulator equipment to maintaining networks and fielding interesting end user requests. But when sim techs do their jobs well, they’re invisible! We see you, sim techs of the world. We see you even when you’re under a pile of cables, or covered in fake blood."
– Sandy Yin, Marketing Strategist @ B-Line Medical

B-Line Medical supports the growth, education, and innovation of this community. SimGHOSTS is a great example of the many ways we want to encourage knowledge-sharing, professional growth, and creative collaboration. We think that advancing the profession of the simulation technician helps advance simulation itself because it saves time, increases organization, and enables scalability and creativity in simulation programs. Advancing simulation helps us all to achieve the overarching goal of improving healthcare education, thereby improving patient safety.

B-Line Medical is a leader in medical simulation technologies specifically designed to capture and evaluate training activities. Our core company philosophy centers around enhancing training and improving patient safety by providing powerful tools for data capture, visualization, and analysis. To date, our easy to use solutions have helped over 300 top hospitals, medical schools, and nursing programs in ten countries manage their training more effectively. With a 98% client retention rate and the ability to integrate with the broadest range of devices in the industry, B-Line Medical is a trusted partner for delivering healthcare training. Join the community: Share your opinions, tips, and ideas on Twitter (@blinemedical), Facebook (www.facebook.com/blinemedical), and LinkedIn (www.linkedin.com/company/b-line-medical)!

B-Line Medical Sponsored 2014 “DIY” Video Contest

Do you have a self-made project built to increase realism or efficiency for your medical simulation program? Last year, eight SimGHOSTS participants shared their DIY projects via online video and two Sim Techs walked away with $1000 worth of prizes!

This year, B-Line Medical has sponsored the new annual video competition with another round of awesome prizes! B-Line Medical continues their support of our emerging professional community by supporting innovation by the technical community. Learn more about last year’s video winners, this year’s prizes and how to submit your DIY video online at the B-Line Medical 2014 DIY Video Contest Page for more details!
Clinical Skills Development Service

About Clinical Skills Development Service:

The Queensland Health Clinical Skills Development Service (CSDS) is one of the world’s largest providers of healthcare simulation. We deliver education and training to Queensland Health staff and healthcare providers throughout Australia.

CSDS utilises a hub-and-spoke model of support to support simulation providers throughout Queensland. With CSDS as the hub, this model focuses on providing systems and resources to support Pocket Simulation Centres, the spokes, ensuring the imbedding of simulation close to or within clinical environments. In conjunction with its role of providing support to hospital-based skills centres, the growth of Pocket Simulation Centres provides clinicians with the tools and techniques to address local needs. These in situ programs now address local training requirements, just-in-time training, and process redesign.

The focus of our education and training is on clinical skills, communication, and crisis management; delivered via eLearning and face-to-face simulation. CSDS now supports the training of tens of thousands clinicians and students. CSDS also supports Pocket Simulation Centres through the training of Faculty and Simulation Coordinators, the provision of curriculum resources, and the distribution and maintenance of simulation equipment across the state. An investment in research and ongoing commitment to improving services for simulation education providers will continue to enable simulation to enhance the education of clinicians, improve clinical service delivery, and contribute to better clinical outcomes for patients.

We are attending SimGHOSTS to develop and promulgate ideas to grow simulation based education and enhance patient outcomes. We are pleased to be Gold sponsors of SimGHOSTS 2014.

Learn more at: http://www.sdc.qld.edu.au/

CSDS Sponsored Plenary Session

Oscar Wilde once said: "Nowadays people know the price of everything and the value of nothing." Simulation has quickly become the new facebook, ‘selfie’, iPhone and even the answer to reduce medical errors. As simulation providers, educators and managers our roles have become more complicated and diverse. So how do you sustain your centre, how do you increase access and at an affordable price to all clinicians? How do you fix and maintain your simulators, how do you upgrade your fleet, how do you train your staff and replace them, and how do you stay current with the developments of technology and methodology of simulation deliver?

In this session Dylan Campher, Director of Simulation and Graduate Certificate in Healthcare Simulation at the CSDS will explore how our distributed simulation model works. As a service we manage partnership agreements with 45 Pocket Simulation Centres scattered throughout Queensland and Northern New South Wales.

Over the past 14 years, Dylan has contributed to healthcare as a clinician, educator, program manager and executive. Dylan's experience in simulation and education includes: operation, delivery, development, assessment and evaluation of simulation and on-line programs. Dylan has presented both nationally and internationally on a diverse range of simulation topics. Dylan is also the co-author of the book - Medical Crisis Management, Improving Performance Under Pressure and is also the lead assessor and co-author of the Graduate Certificate in Healthcare Simulation.
Official SimGHOSTS 2014 Hotel Accommodations

The Mantra Mooloolaba Beach Hotel
With its waterfront position and central location, Mantra Mooloolaba Beach offers luxurious, self contained Mooloolaba accommodation within easy reach of restaurants, cafes, bars and shopping. Located on the Esplanade, Mantra Mooloolaba Beach provides access to an expansive recreation deck with extensive landscaping, several restaurants, pool and gazebo. Mantra Mooloolaba Beach resort offers one, two and three bedroom suites and penthouses, all with spacious balconies providing sweeping views of the ocean or surrounding city and represents the perfect Sunshine Coast accommodation option. From Mantra Mooloolaba Beach take a walk along the picturesque Mooloolaba beachfront, casually stopping off along the way to browse through the shops and restaurants lining the Esplanade, or view the spectacular scenery of the Sunshine Coast with a drive along Tanawah Tourist Drive, followed by a visit to Forest Glen Sanctuary to feed the deer or hold a koala.

Special Hotel Rate

$135/night special rate with completed form. Download this form to request a reservation at the special SimGHOSTS rate. Fill out and either email to the Mantra Mooloolaba Beach at: conferencesc@mantragroup.com.au or fax to: 07 5452 2888.

Please book early as this is a travel season and this hotel WILL book out!

Where can I stay up-to-date with Meeting Details?
Visit our website at: http://www.simghosts.org/simghosts-2014-australia/
Also stay connected with us via twitter at: @SimGHOSTS

Transportation
A shuttle service will provide FREE transportation to and from our host hotel, the Mantra Mooloolaba Beach, and the University of the Sunshine Coast campus. If you stay at another Hotel you will need to find personal transportation to the USC campus.
Airports
The closest international airport is “Brisbane Airport” which is located about 45 minutes south of the Sunshine Coast. The airport code is BNE and is located at 11 The Circuit, Brisbane Airport QLD 4008, Australia.

The closest national airport is “Sunshine Coast Airport” which is located about 15 minutes North of the Sunshine Coast. The airport code is MCY and is located at Friendship Ave, Marcoola QLD 4564, Australia.

Airport Cab-Shares
To encourage shared taxis, the SimGHOSTS will post an online document for attendees to share their arrival and departure times for both airports. We hope this helps attendees to coordinate taxis to and from the event.

Meals
Conference registration includes morning tea and lunch on June 26th and 27th. Attendees staying for the full-day pre-conference event will also receive morning tea and lunch. (Afternoon pre-con participants are not provided meals). Attendees are invited to opening reception Wednesday evening.

Registration Costs (All prices in US Dollars)
Pre-Conference Events (June 25th):
Comprehensive Moulage Workshop (8:00AM-5:00PM): $200.00
Laerdal Beginner Programming + Hardware Basics Session (1:00PM-5:00PM): $100.00

Main Conference (Includes: June 26th and 27th):
Early-Bird Registration (while supplies last): $397.00 per person. (Now Closed)
Standard Registration: $525.00 per person.

Registration also includes:
• Opening Reception Party Wednesday Night
• Access to the vendor hall.
• Opportunity to enter B-Line Medical’s “D-I-Y Video Contest”
• Meals as described above.
• Free transportation to and from official accommodations
• One year subscription to SimGhosts.Org (Currently valued at $135.00 USD).

Registration Process
For this event, registration will be handled online through an external event management system. Visit http://www.simghosts.org/simghosts-2014-australia/ to register. This system will also handle invoices for check payments.

Refunds & Other Policies
All policies posted on the 2014 SimGHOSTS: Australia event page. There are NO refunds after June 13th, 2014.

Other Questions?
Check the FAQ online at http://www.simghosts.org/simghosts-2014-australia/
The latest version of this brochure will always be available there as well.
Email SimGHOSTS Event Director Ryan Eling with questions: Ryan@SimGHOSTS.org
Laerdal, one of the world’s leading providers of Healthcare Solutions, is dedicated to helping save lives with products and services for Simulation, Airway Management, Immobilisation, Basic and Advanced Life Support, Patient Care and Medical Education.

Laerdal is pleased to serve all healthcare providers and educators, from the lay rescuer to medical professionals. Their vision is that no one should unnecessarily die or be disabled during birth or from sudden illness or trauma.

Laerdal has a global focus on achieving this vision through four key areas:

1. Reaching more laypeople with CPR training – by developing easy to use, affordable, self-directed and personal CPR training products designed for CPR at home, for the whole family.
2. Providing better healthcare and training through simulation – Laerdal’s commitment to development and refinement of the patient simulation portfolio. Increased support services and networking through educational events helping unite simulation educators.
3. Helping Babies Breathe in developing countries – A Laerdal Global Health initiative personally driven by Tore Laerdal involving the development of a low cost obstetric and newborn care and resuscitation product with the philanthropic ambition of helping developing countries significantly reduce infant, child and maternal mortality.
4. Improving the quality of CPR – by supporting trained rescuers with live CPR coaching devices which allows guidelines compliant CPR to be delivered consistently throughout the chain of survival.

About Limbs & Things:

At Limbs & Things we are dedicated to improving patient care by supporting healthcare professionals in their training. Our products are designed with realism, durability and ease of use in mind to assist with the fundamental needs of clinical skills tutors, trainees and technicians alike. Limbs & Things, bringing skills training to life.

About Scientific Educational Supplies:

Scientific Educational Supplies are providers of a range of training manikins and task trainers designed to enhance the learning experience of medical, nursing and paramedical simulation centres and communities throughout Australia and New Zealand. SES is located in a purpose built facility that includes a simulation centre to showcase the next generation of high fidelity simulators.
SimGHOSTS 2014 Opening Reception

Join us Wednesday evening to meet and connect with your fellow Sim Techs! Entrance is included with price of registration.

Journey To Bollywood - 7-9 PM

13, Brisbane Road, Mooloolaba, Qld 4557, Ph: 5444 6688

Journey To Bollywood is an Indian Restaurant and it is another branch of India Today restaurant. India Today restaurant was established in 2005 in Maroochydore by Mr. Nayan and Mrs. Dipti Acharya. Bringing 17 years of experience in the industry from New Zealand, Mr and Mrs Acharya launched a new restaurant which not only delivered good food and service but a Indian decor and atmosphere to compliment.

After 2 years, Mr and Mrs Acharya decided to open a second restaurant in Caloundra which has been equally successful. And now they are crossing another milestone by adding Journey to Bollywood, an Indian Restaurant, “Where Desire Meets Satisfaction”.

Our great food and success is directly attributed to our Authentic Chefs, which are brought over from India, each with more than 9 years experience within the industry. In addition, the herbs and spices used within dishes are of the freshest and purest quality therefore ensuring mouth watering flavours.

Journey To Bollywood’s dedicated staff are another great asset and a major element to our success. Each staff member is trained and educated about our healthy and traditional dishes, many of which are unique to our restaurant.

The most noticeable asset of Journey To Bollywood is Mr. Acharya’s interior designing abilities, which allow the restaurant to deliver the “I’m really in India” experience. It truly has to be seen to be understood. The restaurants design and atmosphere give our respected patrons an extra sense within our restaurant not only so they experience great food and service, but also feel like their special night out is truly worth it!
SimGHOSTS 2014 Pre-Con Courses on June 25th:

Beginner Half-Day Pre-Conference Courses (June 25th):

**Vendor Specific Beginner Programming and Hardware Basics Taught by Vendor Technical Instructors**  
Wednesday June 25th 1:00PM-5:00PM AFTERNOON Session  
Session Length: 4 Hours  
Bus Transportation to & from host hotel provided.  
Lunch not provided.

**LAERDAL TRACK – (Additional $100 Course Fee Required)**  
This hands-on learning session is designed for novice or beginner Simulation Technology Specialists to get direct experience with the Laerdal manikin brand. Topics will include an introduction to vendor-specific programming, high-fidelity manikin products, and available technical support services. Courses are taught by official Laerdal educational representatives. Get your feet wet with these introductions to Laerdal manikin technology!

Full-Day Pre-Conference Course Summary (June 25th):

**Full-Day Comprehensive Moulage Workshop**  
Wednesday, June 25th: 8:00AM – 5:00PM  
Session Length: 8 Hours  
(Additional Course Fee Required)  
Bus Transportation to & from host hotel Provided.  
Lunch Provided.

For over 4 years the TraumaSim team have provided trauma simulation, or moulage, to military, industry, emergency services and educational facilities across the country.

We are offering a one day workshop and 1.5hr introductory workshops at the SimGHOSTS 2014 Australia Training Conference to help you and your organisation gain skills in moulage. This will enhance the learning experience whenever you train in first aid, health care or emergency management. Moulage improves the outcome of training by adding realism to health and emergency scenarios and forcing participants to face realistic injuries and situations in a controlled learning environment.

During this workshop we will teach you techniques to take a live role player or manikin and turn him/her into a realistic casualty; all in a fun and friendly environment.

This full day workshop will cover techniques used to create cuts and abrasions, bruises, rashes, shock and burns, and the application and presentation of premade wounds.
About the Courses at SimGHOSTS 2014 Australia

SimGHOSTS is primarily designed to provide hands-on training to simulation technology specialists, or those who operate the technology of a healthcare simulation lab. This year the 2014 Event Team, led by Ryan Eling, redesigned the training course structures to be more topic and level specific. To that end, the SG14 event will feature the following six tracks, delineated by color:

- **A/V Courses:** BLUE
- **Simulation Technology Courses:** PURPLE
- **General Educational Courses:** GREEN
- **Moulage Courses:** ORANGE
- **Medical Training Courses:** RED
- **Management Courses:** GREY
- **IT Courses:** BLACK

While a session may touch on different areas, the event team feels it has successfully placed all SG14 courses in their primary track. Within these tracks, courses will also be delineated by levels which include beginner, intermediate and advanced. The following considerations were posted to those submitting courses as a way of self-selecting the appropriate audiences:

**Beginner: Little to no previous experience (Less than a year of experience):**
- Medical: I know that the body has a variety of tubes and glands
- Video: I can press record on a video camera
- Sim Tech: There are robots that can do stuff. Like, medical stuff.
- IT: Computers do lots of amazing things. I don’t know how.
- Education: Teaching is hard and involves lots of tests
- Management: I don’t know how to keep my office organized.
- Moulage: I think ketchup is great for fake blood.

**Intermediate: Knowledge & experience with (Suggested around 2-3 years of experience):**
- Medical: I have a general understanding of physiology, pharmacology and healthcare.
- Video: I can download video onto a computer and make a simple, edited movie
- Sim Tech: I can run a basic scenario on a simulator, which I programmed myself.
- IT: My family and friends rely on me to fix their computers. I can, most of the time.
- Education: I have taught a basic course or two (at a conference or school).
- Management: I run team meetings and assign tasks to members (and tasks get done.)
- Moulage: I can make simple wounds and moulage as long as I have instructions

**Advanced: Educated and now could train others with my Experience (4+ years of experience):**
- Medical: I am a practicing healthcare professional (or I was at one time).
- Video: I make professional quality video regularly.
- Sim Tech: I can program, run and troubleshoot complicated, branching scenarios.
- IT: I install OS’s, hardware and reconfigure networks easily.
- Education: I have taught semester-long courses or intense training (ACLS, A+, etc).
- Management: I am (have been) responsible for an entire institutional team or office
- Moulage: Moulage is lots of fun and I am always developing new ways to make effects.

As Sim Techs come with such a wide range of skillsets in different categories, we hope that this new structure helps you to select the right courses. Attendees will need to select their desired courses DURING online registration. This will help event staff better manage the overall event. Please note that since the SimGHOSTS event continues to expand in attendance and previous audiences have requested more content we have duplicated some courses to provide for more opportunity to be trained in your specific needs.
SimGHOSTS 2014 Main Conference Courses (Organized by Time)

During the main event Sim Techs will have to decide which courses are their priority. During the main event Sim Techs will have to decide which courses are their priority. Outside of the Opening Keynote and Plenary address, there are always three concurrent sessions scheduled. Please take note of each session’s track and experience level to help determine the appropriate content for you!

Thursday June 26th

0700 - 0730  Bus Transportation from Mantra Mooloolaba Beach to University of Sunshine Coast, Nursing & Midwifery Building

0730 - 0750  Opening Remarks from SimGHOSTS Board

0750 - 0900  SimGHOSTS 2014: Australia Keynote address, sponsored by iSimulate

0900 - 0930  Morning Tea

SimGHOSTS 2014: Australia Keynote address, sponsored by iSimulate
“Simulation with Mobile Technology”
Dr Anthony Lewis, BSc PhD MB BCh FRCA FANZCA
Co-Founder and Medical Director of iSimulate

The story of iSimulate is one of an identified need to make simulation technology easier, cheaper and more flexible than existing technology. Created by Medical Educators in Australia, iSimulate started as an idea and has progressed to become a company whose products are used across the world. Learn why and how two medical educators decided to challenge a simulation philosophy that “ever more” technologically advanced manikins are better. Instead, they took the cumbersome technology out of the manikin and placed it into an user-friendly iPad.

This presentation will be given by Dr Anthony Lewis, BSc PhD MB BCh FRCA FANZCA

Anthony is a Specialist in Anaesthesia and Retrieval Medicine at St George Hospital and Greater Sydney Area HEMS in Sydney. With extensive experience in medical education, Anthony is a Course Director for the Australian Resuscitation Council, has created multiple training courses both in prehospital medicine and anaesthesia and has an interest in mobile simulation technology.
Seeing the need for an alternative to traditional simulation technologies, Anthony is the co-founder of iSimulate Pty Ltd which produces advanced mobile simulation solutions. Clinically, he has interests in anaesthetics for cytoreductive, major spinal, trauma and plastic surgery. He is a member of the St George Resuscitation committee and is the ANZCA Supervisor of Training for GSA-HEMS.

**The learning objectives of this keynote are:**
1. How mobile simulation technology can be integrated into an existing simulation centre
2. How mobile technology can be used for in situ simulation
3. How mobile technology allows users to connect with an online simulation community to share resources and exchange ideas

iSimulate uses iPads to create medical monitor simulators. Two iPads are used: a control and a student (monitor) iPad. By using a wireless connection, the 2 iPads can communicate with each other and therefore a facilitator can control the parameters on the student screen. The advantage of using iPads is that they are extremely flexible. The student screen can be converted into an AED or a fully functional defibrillator at the tap of a button. By using contemporary and innovative software developers, the user interface is intuitive and extremely flexible.

As the hardware technology is generic, many options exist to enhance the simulation experience. Apple TV can be used to wirelessly slave the monitor screen to a projector or additional monitor in another room. Bluetooth speakers can be added and placed in a manikin to simulate speech and sounds. The advantage of mobile technology for in-situ simulation is the portability and speed of set-up.

Finally, as mobile devices are designed to be used in a connected world, iSimulate has developed its own online community site, allowing users to connect throughout the world.

iSimulate has a simple mantra. To use the best of current mobile technology to create products that are more advanced, simpler to use and more cost effective than traditional simulation solutions.

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**Thursday Morning Optional Block A (0930 - 1050)**

**Intro to Moulage 101 – Beginner**

80 Minutes  
Nola Pearce and staff  
TraumaSim

This mini introductory workshop is taught by simulation moulage expert Nola Pearce of TraumaSim. Get hands-on training with Intro to Moulage - a full day course where you get to learn by doing! Normally a $300 course in the United States - we have a special discount for the first SimGHOSTS Australia event! Moulage improves the outcome of training by adding realism to health and emergency scenarios and forcing participants to face realistic injuries and situations in a controlled learning environment.
TraumaSim are the experts in moulage, medical emergency simulation and disaster exercise design through trauma make-up, special effects, props and specialty training equipment. Since its inception, TraumaSim has grown to a team of 6 staff, all with various background experience in the fields of health, emergency management and make-up. TraumaSim have built up vast experience while providing services to the Australian Defence Force for over 4 years.

During your introductory workshop we will teach you techniques suitable for live role players or manikins. This workshop will cover simple techniques used to create injuries and the application and presentation of pre-made wounds.

**Cinematography 101 - Basic**
80 Minutes
Lance Baily
SimGHOSTS
Lights. Camera. Action! SimGHOSTS Founder and film-maker Lance Baily is excited to provide a hands on workshop to get you “behind the camera” and directing your first “big picture”! This course will introduce the basic fundamentals of storyboarding, digital cinematography, lighting, and basic audio recording. Use these basic video production techniques to create Sim Lab orientations, promotional material or training tutorials. Lance brings seventeen years of video production experience to your day, ranging from small wedding videography to editing television pilots with Tom Hanks. Learn Lance’s hard-earned production secrets through hands-on exercises accomplished by small groups. Have a camera? Bring it! Footage will be saved for those engaging in next day editing class.

**Intro to Simulation - Basic**
90 Minutes
CSDS Staff

*Learning objectives*
1. Provide an overview of the technical aspects involved in healthcare simulation

*Learning outcomes*
1. Ability to operate a full body manikin
2. Demonstrate how to operate an audio video system

This 90 minute workshop is designed to introduce simulation practitioners in the technical aspects of healthcare simulation delivery. Participants will receive basic training on a range of equipment, including full body manikins and audio visual systems. The workshop will culminate with participants been given the opportunity to deliver a basic ALS scenario.

*Topics covered*
1. Hazard identification and control
2. Scenario templates
3. Audio visual systems
4. Manikin operation
5. Scenario delivery
Introduction to networking - Learn IT so you can use it.

Scott Crawford
University of Texas - Health Sciences Campus / SimGHOSTS

This course will provide an overview and background for networking infrastructure, technology and related terminology. Simulation centers are burgeoning hotspots of technology, and the ability to understand, design and work with computer networks to establish and maintain communications systems is essential. Manikins, file and data storage, and video and audio recording are integral to providing an effective and efficient educational experience.

Each simulation technician must be knowledgeable in the day-to-day operations of a computer network, both wired and wireless, to maintain communication between computer and manikin, video/audio recording systems and associated data. This course will discuss the types of networks in use and the essential pieces of equipment in order to create, send and utilize data, video or voice within a network. We will focus on a general understanding of network terminology and abbreviations so that you can communicate effectively with other technology professionals. This will facilitate any troubleshooting with manufacturers or IT departments that may govern your center.

This course will also discuss how you can use and navigate within your network and across other networks by using IP addresses, ports and domain names to connect. Despite the fact that most manikin manufacturers designed each product to work in isolation, most centers have multiple devices from the same or different manufacturers. The ability to share content (radiographs, scenarios, etc.) can greatly enhance the flexibility of scheduling and improve education.

A brief description of networking cables and current category 5/5e/6 standards and data transmission speeds, lengths, and power requirements will help plan any future expansion or guide options for integration into existing spaces.

At the completion of this presentation, learners will be able to:
4. Describe the components of a computer network system.
5. Be able to search for and access a specific device (computer, manikin or video camera) within their system.
6. Understand how the connections between these components are made, ex. wired/wireless, including benefits and limitations of each.

Thursday Morning Optional Block B (1100 - 1150)

Turning the Lights Back On: Sim-Tech role in providing students after-hours practice - Intermediate

Kelvin Upton and Nicole Jones de Rooy
Griffith University
Simulation technicians have an important role in providing opportunities for students to practice in the clinical skills environment. The literature highlights that it is important for students to be involved in repetitive “practice sessions where the intent is skill improvement…” (Issenberg et al. 2005). With large class sizes and tight session schedules, it is becoming commonplace for schools to seek to take advantage of their infrastructure and equipment and open up the clinical skills environment ‘after hours’ to enable students’ further self-directed learning opportunities. The management, design and setup of the clinical skills environment by the Sim-Techs is central to effective and sustainable clinical skills based learning. However, providing these opportunities in an after-hours setting presents particular challenges. The authors will describe their experiences and share guidelines to make providing these opportunities easier, safer and cost effectively.

**AV for Sim Centres: What You Need to Ask and Be Aware of for a New Install or an Upgrade - Basic**

50 Minutes
Daniel Knoche
Epworth Healthcare

When setting up a new centre or updating the AV in an existing centre often AV consultants and integrators are used. A lot of the terminology can be foreign to people with a non AV/IT background. There are a number of areas where you can be caught out. How can you make sure you give everyone all the information they need to give you the outcome you need? This session will explore this challenge and offer best practice models for A/V system planning.

The session will explore:
- Terminology you need to know
- Formats, Resolutions, Type of cables
- Equipment you need to know
- Cameras, multiview, DM- AMX and Crestron, DSP
- Video Debrief; what are your options
- Who else in your organization needs to be across this project; how to get IT buy in
- What else in the organization does it need to be integrated with: Network, wifi, UPS, RMS
- What obstacles you may face
- How to pick a consultant
- What you need covered in a brief document from a consultant
- What the consultant may not know
- How to integrate your sim equipment; engaging with Sim suppliers
- Video debrief- do you need it, how does it all integrate, will IT support it
- Where the costs lie
- How to pick an integrator, where the consultant fits in
- What you need to keep track of during the building process
- Your centre has opened, now what; Training, procedures and ongoing technical support and warranty
- What questions you need to constantly ask at every step
- Will include examples of: consultant briefs, schematics, items that need to be fixed when things aren’t done properly, pictures and images
Laerdal SimMan 3G Programming: Advanced Tips and Tricks - Advanced

50 Minutes
Ryan Eling
University of New England / SimGHOSTS
The workshop will start with a review of the Laerdal SimMan 3G software platform. The session progresses to an interactive session using the SimMan 3G application to learn several advanced programming techniques utilizing trends, handlers, timers and learner input. The session will provide the attendees various ways to program more efficiently and effectively.

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1200 - 1315  Lunch & Exhibit Hall open

Enjoy lunch and take a moment to meet with our vendor sponsors in our exhibition space.

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Thursday Afternoon Optional Block C (1330 - 1450)

Physiology for Sim Techs 101 - Basic

80 Minutes
Dr. Kim Baily
El Camino College
As the human body responds to changes in the internal and/or external environment, complex systems come into play that help to maintain the status quo within the body (homeostasis). If the systems cannot maintain equilibrium, abnormal and potentially harmful responses occur. Simulation manikins can mimic some of these changes and thus provide the healthcare provider with an opportunity to learn how to manage the changes. This course is an introduction to the major physiological systems; how the systems function and how the observer can relate assessments that can be programmed in the manikin to changes in the physiological systems. The course will provide basic reviews of the cardiovascular and respiratory systems as well as basic cardiac rhythms. Myocardial infarction and asthma will be used as examples of life threatening changes that can easily be mimicked in simulation. The course will review vital sign and oxygen saturation measurement and how these parameters can be used to indicate underlying pathology. This course is designed for learners who have limited or no knowledge of physiology or for learners who need a refresher course.
Tour of University of the Sunshine Coast Simulation Facilities
80 Minutes (Or Less)
Let the University of the Sunshine Coast staff show you the highlights of their brand-new Nursing and Midwifery Building. Learn about the history of their simulation program and labs, including the development and design of the new space. This is a great course for those about to embark on a design or re-design process!

Intro to Moulage – Basic
80 Minutes
Nola Pearce and staff
TraumaSim
This mini introductory workshop is taught by simulation moulage expert Nola Pearce of TraumaSim. Moulage improves the outcome of training by adding realism to health and emergency scenarios and forcing participants to face realistic injuries and situations in a controlled learning environment. During your introductory workshop we will teach you techniques suitable for live role players or manikins. This workshop will cover simple techniques used to create injuries and the application and presentation of premade wounds.

Thursday Afternoon Block D (1500 - 1555)

Clinical Skills Development Service Plenary Session
55 Minutes
Dylan Campher
Director of Simulation
Director of Graduate Certificate in Healthcare Simulation
Clinical Skills Development Service
Oscar Wilde once said: “Nowadays people know the price of everything and the value of nothing.” Simulation has quickly become the new facebook, ‘selfie’, iPhone and even the answer to reduce medical errors. As simulation providers, educators and managers our roles have become more complicated and diverse. So how do you sustain your centre, how do you increase access and at an affordable price to all clinicians? How do you fix and maintain your simulators, how do you upgrade your fleet, how do you train your staff and replace them, and how do you stay current with the developments of technology and methodology of simulation deliver?

In this session I will explore how our distributed simulation model works. As a service we manage partnership agreements with Pocket Simulation Centres (45) scattered throughout Queensland and Northern New South Wales. We support these centres with:
1) Simulation provider training;
2) Audio Visual commissioning;
3) Simulation equipment;
4) Maintenance and Repair of equipment;
5) Curriculum sharing; and
6) Accreditation and Certification.
Thursday Afternoon Optional Block E (1600 - 1650)

**Acting for health: Drama students as simulated patients - Intermediate**

50 Minutes
Dr. Patrea Anderson
University of Sunshine Coast

Simulated patients, also known as patient actors, are used to enhance fidelity and the quality of simulation learning experiences. Actors are particularly useful in complex communication scenarios that require students to draw on attributes of emotional and social intelligence. The quality of the simulation actors’ ‘performance’ is vital to successful simulation outcomes. This requires the development of specific skills. This presentation reports an interdisciplinary initiative involving the development of an education program designed to train drama students for simulated patient roles in health care simulations for Nursing and Midwifery. The programme has established and education pathway for drama students undertaking elective courses during ‘Theatre Internship’ which allows students to engage in professional practice with a Theatre Company or within a Professional Theatre Project. Through involvement in Nursing and Midwifery education students obtain practical drama experience, which at the same time provides a service supporting education in other disciplines. This presentation will be of interest to academics and technical support staff who wish to develop simulated patient programmes to augment simulation activity. The nature of the presentation will enable attendees to replicate this initiative. While established for Nursing and Midwifery the information provided in this presentation is transferable to other disciplines.

**Simulation in Any Setting: What to Look For in a New Space with B-Line Hardware**

50 Minutes
B-Line Medical Staff

What should you look for when setting up mobile A/V systems for your hospital-based or “in-situ” simulation recordings? Using Ultraportable SimCapture units from B-Line Medical, this course will share best practices for any type of room, including camera angle and placement, microphone placement, and more. We will then walk through various areas of the simulation center and talk through the spaces to increase your in-situ recording efficiency. Those with beginner A/V skills will find this course most helpful!

**Consolidating Control: Ways to Make Your Workspace More Efficient - Intermediate**

50 Minutes
Ryan Eling
University of New England / SimGHOSTS

Using the University of New England Clinical Simulation Program’s multiple control rooms as examples, this presentation explores several tools for consolidating the multitude of tablets,
laptops and other computers simulation technicians use. Network-based mouse and keyboard sharing utilities are demonstrated, with an eye towards creating a “Master Computer” for simulation control. Other topics will include standing workstations and vital sign monitor signal routing. Discussion will include advantages and disadvantages of the variety of possible setups.

1700 - 1730  Bus transportation to Mantra Mooloolaba Beach hotel

Friday June 27th

0700 - 0730  Bus Transportation from Mantra Mooloolaba Beach to University of Sunshine Coast, Nursing & Midwifery Building

0730 - 0900  Laerdal Plenary

0900 - 0930  Morning Tea

Laerdal Manikin Hand-on Hardware Session
80 Minutes
Various Laerdal Technical Staff Instructors
Get hands on as we open up various Laerdal high-fidelity manikins and learn how to maintain and repair these complex systems. Learn the most common debugging techniques and better understand the mechanics behind the machines. Courses taught by official Laerdal technicians and educators -- as well as community users.
Friday Morning Optional Block F (0930 - 1050)

**Video Editing Slms**
- 80 Minutes
- Daniel Knoche
- Epworth Healthcare

You’re conducting a scenario, you have several camera angles they want to capture so they can present part of it for either a conference or as a coaching tool. What tools do you need to get the vision and audio for the sim, how do you then put it together and edit it. How can people review it and then how do you deliver a final product? What equipment do you need to capture multiple angles? How to get good audio. Storage and editing system requirements. Using Apple’s Final Cut Pro X as the editing tool. How do you export and distribute: email, web based, file based.

This assumes you have access to a computer that has video editing software capable of multicamera editing. Though done on an Apple using their Final Cut Pro X software, could be Adobe Premiere or AVID on either PC or Mac. Slightly different techniques, same principle.

**Intermediate Physiology for Sim Techs - Intermediate**
- 80 Minutes
- Dr. Kim Baily
- El Camino College

This course is intended for learners who have a basic understanding of human physiology including cardiovascular and kidney function. Normal and abnormal cardiac rhythms will be examined and basic principles of electrocardiography will be presented. The use of defibrillation and pacing in advanced cardiac life support will be discussed. This course will introduce some common pathologies such as heart attack, congestive heart failure, hypovolemic shock and septic shock.

**How to Increase Sim Tech Support Staff - Intermediate**
- 80 Minutes
- Lance Baily
- Founder & Executive Director of SimGHOSTS

Are you continually being asked to do more work with less support? Wish you could grow an extra pair of hands? Find out how Lance Baily doubled the staff of the Clinical Simulation Center of Las Vegas in just three years. Learn how his team at this Sim Center convinced higher administration to bring on so many more permanent staff!

Lance explains how to slowly increase support staff without increasing permanent budgets. Topics include volunteers, student workers, letter of appointments, part-time hires and key statistical data points necessary to secure higher administrative support. Gain new perspective on achieving your support goals and return to your program with proven tactics.

Here, Lance will also briefly discuss how increased staff support provides for personal career advancement. In early 2008 Lance was an unpaid volunteer Simulation Technician working for a small community college. By July of 2009, Lance was hired as the Director of one of the largest Healthcare Simulation Centers in the World. Key strategies Lance utilized to advance his career in the medical simulation industry will be highlighted.
Finally covered are the winning arguments to help get a dedicated technically-experienced Sim Tech into your lab with lead administrators who “just don’t get it”. Attendees will have the opportunity to participate in a simulated director vs. simtech meeting to practice the strategies and techniques described in this session. We will role-play several scenarios to demonstrate some key negotiating practices to help you show admins “the light!”.

Friday Morning Optional Block G (1100 - 1150)

S.M.A.R.T. Service of Manikins (Simulation Maintenance and Repairs Technical Service) - Basic

60 Minutes
Daniel Host – Technical Service Supervisor – CSDS
Clinton Henderson – Simulation Coordinator - CSDS

The optimal performance of your simulation manikin is crucial to centres and in-situ sites. This “hands on” interactive session introduces you to the Inspection Preventative Maintenance (IPM) process for servicing manikins and offers insight to troubleshooting problems with features and functionality. Equipment used will include

- SimMan Essential (Tablets, PSU’s and BP cuff)
- Sim Junior (Simpad, linkbox, wireless patient monitor, PSU’s, LAN cable and BP cuff.)
- LifePack 20 defibrillator with Laerdal Leads
- BMV, Laryngoscope, Stethoscope, 7.5 ETT and 10ml Syringe
- 2 extension leads and 2 x Power boards

Team Meetings

SimGHOSTS is a non-profit organization currently pending tax exempt 501(c)3 status. The mission for The Gathering of Healthcare Simulation Technology Specialists Organization and annual meeting is to provide technology specialists within the healthcare simulation field with a community dedicated to developing and sharing resources, knowledge, training and standards for fostering excellence in the operation of healthcare simulation.

For 2014 - 2015, SimGHOSTS is looking to expand the meeting size and support the development of key resources requested by this international professional community. We believe that Sim Techs are the primary operators or ‘end-users’ of simulation based technology and are quickly becoming the defacto program representatives regarding all future simulation-related technology purchases.

Due to the community feedback from our previous meetings, we have provided dedicated time for various teams to meet. This includes the leadership team, 2015 event planning team and vendor relations team. SimGHOSTS is dedicated to empowering Sim Techs to develop what they need - so lend your voice and help guide our profession!
Team Meeting Options During this Time include:

**Team Meeting - Australia Chapter Leadership**
Support the SimGHOSTS organization in Australia. Help to develop an Australian-based leadership team that will help coordinate national and international activities, online resources and more. (Those interested specifically in helping to lead the 2015 AUS meeting should join the dedicated “SimGHOSTS 2015 AUS Team Meeting”.)

**Team Meeting - 2015 Meeting**
Support the SimGHOSTS organization 2015 Australia meeting team. Help to secure location, develop meeting structure, oversee course proposal submissions, create special events, and support 2015 meeting!

**Team Meeting - Vendors & Vendor Liaison Support**
The SimGHOSTS organization would like to hear from you and our vendor sponsors. Help to secure future sponsors and create an Australian Vendor Council.

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**1200 - 1315  Lunch & Exhibit Hall Open / Meet Your Vendor**

Enjoy lunch and take a moment to meet with our vendor sponsors in our exhibition space.

**Meet Your Vendor! Feedback from the Tech’s Perspective**

30 Minutes  
(Choose one)  
- iSimulate  
- B-LINE TRACK  
- CSDS  

At SimGHOSTS, we believe Simulation Technology Specialists are the real “end-users”. Wish you could ever sit down with your vendor and share your concerns or your suggestions? Well come join us at this facilitated session to share with your vendor technical and constructive feedback about their products and services. A mission of SimGHOSTS is to help speed up technology adoption and be a bridge for the medical simulation technical community and manikin manufacturers. Make suggestions to improve software manipulation and hardware utilization. This time is also saved to provide more opportunity to engage with the vendor exhibit area.

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**Friday Afternoon Optional Block H (1330 - 1420)**
SimTech’s Guide to the Galaxy (of Sim Centers) - Intermediate
50 Minutes
B-Line Medical representatives
B-Line Medical

B-Line Medical representatives will discuss the ins and outs of a simulation center from a technical perspective. What does it take to set up a simulation center? What do people always forget to tell the simulation technicians? What other skills or knowledge can simulation technicians acquire to round out their qualifications and become more marketable? Answers to all these questions and more at this insightful podium presentation.

Also covered:
• Simulation center planning from an IT perspective
• Space planning and avoiding common mistakes
• The types of skills that will increase your value proposition
• Working with faculty and staff
• Why metrics are important, and what metrics you should be chasing.

Serious Games and Simulation: Creating Clinical Stories - Basic
50 Minutes
David Holloway and Dale Linegar
University of Wollongong

This presentation will provide an overview of the use of serious games in clinical simulation to date, a close investigation of the Unity3D platform and its utility in development of clinical simulations, the importance of building a ‘clinical story’ and a snapshot of the emerging technologies that are increasing the realism of such serious games. This includes touchless interfaces, the Oculus Rift VR headset and other related technologies that have been, or are about to be released. Finally, there will be a discussion on the issue of validating outcomes from serious games simulation and increasing educator acceptance of such options.

Technical Support for the Undergraduate Masses: Overcoming Logistical Hurdles - Basic
50 Minutes
Abbey Gundesen
University of Auckland

The use of simulation in undergraduate education is increasing. It is an intensive technique which is challenging to scale up when working with large numbers of participants. Recently at the University of Auckland a proposal was made for the development of an interprofessional scenario-based course involving a massive number of students, currently 220 medical students, 90 nurses and 90 pharmacy students. With half of the total faculty involved rotating every 6 months and coming in knowing nothing about sim or little about education this was going to be logistically challenging on many levels. This discussion will explore how we overcame the challenges and invite others to share experiences.
Friday Afternoon Optional Block I (1430 - 1520)

Obstetric Simulation with mobile technology - Basic
50 Minutes
Anthony Lewis
iSimulate
The learning objectives are of this session are:
1. The principles and technology behind mobile simulation technology
2. How mobile technology can be used with standardised patients or actors to enhance the educational experience in Obstetric simulation
3. How mobile technology can be used to run in-situ simulation iSimulate use iPads to create medical monitor simulators.
Two iPads are used: A control and a student (monitor) iPad. By using a wireless connection, the 2 iPads can communicate with each other and therefore a facilitator can control the parameters on the student screen. The advantage of using iPads is that they are extremely flexible. By using contemporary and innovative software developers, the user interface is intuitive and extremely flexible. As the hardware technology is generic, many options exist to enhance the simulation experience. Apple TV can be used to wirelessly slave the monitor screen to a projector or additional monitor in another room. Bluetooth speakers can be added and placed in a manikin to simulate speech and sounds. Making live CardioTocograph Traces which are believable and easy to manipulate enhances the realism in obstetric simulation. Mobile technology allows this to happen and makes it simple for the user to control. The advantage of mobile technology for in-situ simulation is the portability and speed of set-up.

Building Your Own A/V Solutions on a Budget - Intermediate
50 Minutes
Scott Crawford
University of Texas - Health Sciences Campus
Simulation instructors record simulation sessions to facilitate debriefing and to assess successful completion of required tasks during a case. Pre-designed and installed audio/visual systems are outside of the budget for many small or just-opening centers. This course will include a tutorial on how to implement a low-cost audio/video solution for recording and debriefing. We will demonstrate and discuss special features of several cameras, audio equipment, and recording devices, along with hardware-triggering devices.

DIY Open Forum
50 Minutes
Various presenters
Come join your fellow sim techs in this Do It Yourself (DIY) forum for sharing ideas, stories and devices. Bring a device, simulator, hack or plan for equipment that you use at your simulation centre. Please be sure to email Ryan@SimGHOSTS.Org to get on the schedule! Prizes for B-Line Medical’s “DIY Video Contest” will be awarded at the start of this session.

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Friday Afternoon Optional Block J (1530 - 1620)

Are You In or Are You Out? Working with IT professionals and others - Intermediate

50 Minutes  
Ryan Eling  
University of New England / SimGHOSTS  

Working in simulation is inherently collaborative: as sim techs, we work with faculty, students, clinicians, IT professionals, administrators and more. In his roles as media specialist and simulation specialist at the University of New England, SimGHOSTS Event Director Ryan Eling has worked on multiple interprofessional teams. This session will explore the strategies and advice Ryan has to share on how to work effectively and efficiently with IT professionals and others.

Equipment Sourcing & Procurement

50 Minutes  
Lance Baily  
SimGHOSTS  

Lecture / Q&A only presentation. Taught by SimGHOSTS Executive Director & Founder Lance Baily. Back in 2009 on his first day as Director of the Clinical Simulation Center of Las Vegas - Lance was told by the Nevada State government he had just two weeks to spend $1,000,000 on new medical simulation equipment. Strangely -- spending money is no easy task! How did the program select which equipment to buy? What negotiating tactics ensured the best prices? What hurdles did Lance encounter and how were they overcome? Topics covered include: stakeholder identification, administrative support, high-speed equipment selection process, how to cut through purchasing department red tape, writing competitive exception forms, vendor selection tools and negotiation strategies, inventory management considerations, donation opportunities, benefits and challenges with 3rd party bidders, and more. If you are looking to rapidly outfit a sim center this is the course for you!

Hybrid Simulation Lab Design - Intermediate

50 Minutes  
Ferooz Sekandarpoor  
SimGHOSTS  

If you are planning to design a new simulation centre, plan to renovate your existing Sim Centre or want to extend your centre’s IT/AV/layout infrastructure to support almost any type of simulators then this session is for you. This session will discusses the types of simulation labs (OR Type, ICU type and Ward type, Skills lab), proper layout/standard layout, Audio Video infrastructure, IT requirements and incorporating telemedicine. The audience will learn the tips and techniques that are required to design or retrofit their simulation spaces. Ferooz Sekandarpoor, SimGHOSTS Vice President, brings over 10 years of experience in IT, Simulation and AV design to this session. He currently works as a Simulation Technology Specialist for the Faculty of Medicine at University of British Columbia in Vancouver Canada and will take you on the journey of planning the proper
layout and IT-AV infrastructure of a modern simulation centre.

1630 - 1700  Closing remarks and Exit Surveys

1700 - 1730  Bus transportation to Mantra Mooloolaba hotel