PROGRAM OVERVIEW

WEDNESDAY, 31 MAY 2017

PRE-CONFERENCE SESSIONS

08:00 - 12:00

PRE-CONFERENCE WORKSHOP 1
Debriefing Real Clinical Events
Anne Adas, Jennifer Arnold, Cara Doughty, Heather French, David Kessler, Mona Khattab, Daniel Lamke, Paul Mullan, Kevin Roy

PRE-CONFERENCE WORKSHOP 2
Using the Evidence to Integrate Best Practices and Operationalize Your Simulation Center*
Pam Jeffries, Sandy Swoboda

PRE-CONFERENCE WORKSHOP 3
Disaster Preparedness and Response: Using Mixed Modality Simulation Training to Achieve Goals, Develop Strategies and Meet Regulatory Requirements
Mark Cioce, Shannon Manzi, David Mooney, Deb Warner
Boston Children’s Hospital

PRE-CONFERENCE WORKSHOP 4
ECMO Simulation: A Hands on Approach to Curriculum Design, Implementation, and Evaluation
Peta Alexander, Catherine Allian, Dorothy Beke, Steve Bridger, Penny Johnston, Mary McBride, Lillian Su, Peggy Han
Boston Children’s Hospital

OPEN WORKSHOP
Debriefing Real Clinical Events Consensus Statement Summit
Cara Doughty, Jennifer Arnold

13:00 - 17:00

PRE-CONFERENCE WORKSHOP 5
New Reporting Guidelines for Simulation-Based Research in Healthcare: How to Write and Report a Simulation-Based Research Study
Marc Avbeljach, Jonathan Duff, Isabel Gross, David Kessler, Travis Whitfill

PRE-CONFERENCE WORKSHOP 6
The Engineering of Pediatric Simulation: Creating an “In-house” SIMEngineering Service for 3D Print Surgical Preplanning and Design of Novel Pediatric Simulation Trainers
Melissa Burke, Katie Flynn, Mariah Gerbaro, Andrew Hosmer, Greg Loan, Noah Schul, Stephen Wilson, Peter Monatock
Boston Children’s Hospital

18:00 - 21:00

THURSDAY, 1 JUNE 2017

07:30 - 18:00

Registration
Stone Lobby, GSU

07:45 - 08:15

Welcome Coffee
Ziskind Lounge, GSU

08:15 - 08:45

IPSIS Welcome
Metcal Hall, GSU

08:45 - 09:45

KEYNOTE ADDRESS 1 - Christopher Chabris
The Invisible Gorilla, and Other Critical Everyday Cognitive Limitations
Metcal Hall, GSU

Coffee Break & Exhibition
Ziskind Lounge, GSU

09:45 - 10:15

PANEL DISCUSSIONS, ORAL PRESENTATIONS, ROUNDTABLES & WORKSHOPS

10:30 - 12:00

PANEL DISCUSSION 1 - Nursing Panel
Pam Jeffries
Conference Auditorium, GSU

ORAL PRESENTATION SESSION 1 (OP 1)

- Tobias Ewert - The Mepa Global Rating Scale for Simulation-Based Assessment: A Multicentre Validation Study
- Carla O’Regan - CPR & Parental Presence: Design and Validation of an Assessment Scale of the Family Facilitator Role
- Response Team - Code response training – getting a whole hospital up to speed
- Ra Bratt - Development of a Simulation-Based Interprofessional Teamwork Assessment Tool for Residents
- Irene Sagard - Evaluation of a Simulation Augmented Emergency Trains, Assessment and Treatment Course in Malawi
- Maria - What if This...Happens at Home? Simulation to Prepare Caregivers of Medically Complex Children

WORKSHOP 1 (WS 01)
Rapid Cycle Deliberate Practice for Interprofessional Teams
Cara Boyles Doughty, Bram Welch-Horan, Nadia Gillet, Natalie Pham, Charlin Davis, Karen Patrick, Jennifer Arnold, Mark Cicero, Daniel Lemke

WORKSHOP 2 (WS 02)
Juggling Many Balls and Spinning Many Plates: Exploring Multi-patient Simulation
Carolynn O’Dowd, Frank Overy, Mark Cioce, Kevin Cheng

WORKSHOP 3 (WS 03)
Cultural Prototypes and Differences in Simulation Debriefing
Francis Umar, Rana Sharara-Chami Isan, Ela Scott

WORKSHOP 4 (WS 04)
Technical Skills: Structured facilitation of feedback throughout experiential learning event
David Grant, Dan Magnus, Kristy Brown

LEGEND
Debriefing and teaching methodologies
Simulation instruction design and curriculum development
Interprofessional Education
Process Improvement & Organizational Change
Simulation for procedural and psychomotor skills
Innovation/ Future Direction and Outreach Simulation
Programme development/ Administration and Program Management
Assessment (including use and validation of measurement and assessment tools)

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## PROGRAM OVERVIEW

### 12:00 - 13:00

**PANEL DISCUSSION 2 - Disaster Use of Simulation in Disaster Preparedness**
Paul Stedinger, Mary Devine, Dan Nadworny, Barry Wante, Maureen McMahon  
Conference Auditorium, GSU

### 13:00 - 14:30

**ORAL PRESENTATION SESSION 2 (OP 2)**
- **Paul W. Maguire** - Rapid Cycle Deliberate Practice: Training Reproducible Performance in Simulated Neonatal Resuscitation  
- **M. S. McManus** - Deliberating challenges in India: Experience from Pediatric Simulation Training and Research Society  
- **Aaron Grant** - Evolution of stress response during repetitive immersive simulations over one year  
- **Jennifer Armstrong** - Deliberating clinical events: selecting and applying frameworks  
- **Ben McNaughten** - The role of simulation in teaching new nursing staff how to raise concerns using the pace structure  
- **Amber Hays** - Teaching team building to enhance healthcare team performance using simulation education

**ROUNDTABLE SESSION 1 (RT 1)**
- **Rahul Panesar** - Using mirror patients to achieve best practice for pediatric in-situ simulation  
- **Craig Johnstone** - Pibaby – harnessing jugaad innovation principles to develop a low-cost simulation manikin  
- **Carmel Eiger** - Going viral: spreading pediatric simulation based education to community hospital settings  
- **Jennifer McGuirl** - Pediatric hospitalist neonatal simulation education curriculum  
- **Tarj Al-Ajwa** - Pediatric blunt abdominal trauma aggregate task analysis  
- **Beth Hawkins** - Evaluation of the Impact of a Pediatric VAD Simulation Training Program for Patients and Caregivers

**WORKSHOP 5 (WS 05)**
Caitlin O'Brien, Kristen T Leeman, Christopher Roussin, Denise Casey, Tricia Grandinetti, Kristen Ely, Lindamood
Using Plus-Delta-Plus Human Factors Debriefing to Bridge Simulation and Clinical Environments

**WORKSHOP 6 (WS 06)**
Jonathan Christopher Hurst, Clare Robinson, Ranganath Ranganna, Ruth Gottstein
Using Simulation to Improve Staff Performance During Reorientation or Withdrawing Intensive Care

**WORKSHOP 7 (WS 07)**
David L. Rodgers, Roberta L Hales (Children’s Hospital of Philadelphia, Philadelphia, United States)
Effective training to training effectiveness: challenges for the simulation educator

### 14:45 - 15:45

**Poster Presentations**
Metcalf Hall, GSU

<table>
<thead>
<tr>
<th>Group 1</th>
<th>Group 2</th>
<th>Group 3</th>
<th>Group 4</th>
<th>Group 5</th>
<th>Group 6</th>
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**Coffee Break & Exhibition**
Ziskind Lounge, GSU

### 15:45 - 16:15

**KEYNOTE ADDRESS 2 - Liz Armstrong**
Nurturing Innovation in the Academic Medical Center
Metcalf Hall, GSU

### 16:15 - 17:15

**Coffee Break & Exhibition**
Ziskind Lounge, GSU

### 18:00 - 19:00

**Boston Children’s Hospital SIMpeds and Engineering Studio Tour**
Boston Children’s Hospital

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**Legend**
- Deliberating and teaching methodologies
- Simulation instruction design and curriculum development
- Interprofessional education
- Process improvement & Organizational Change
- Simulation for procedural and psychomotor skills
- Innovation/ Future Direction and Outreach Simulation
- Programme development/ Administration and Program Management
- Assessment (including use and validation of measurement and assessment tools)

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# Program Overview

**Friday, 2 June 2017**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>07:30 - 18:00</td>
<td>Registration</td>
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<tr>
<td>07:30 - 08:00</td>
<td>Welcome Coffee</td>
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<td>08:00 - 08:15</td>
<td>Morning Announcements &amp; Affiliates Presentations</td>
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<td>08:15 - 09:15</td>
<td>Keynote Address 1 – Luke Sato</td>
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<td></td>
<td>Leveraging Incentives to Change Behavior: A MedMal Insurer’s Experience with Simulation</td>
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<tr>
<td>09:15 - 09:45</td>
<td>Coffee Break &amp; Exhibition</td>
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<td>09:45 - 10:45</td>
<td>ORAL PRESENTATION 3 (OP 3)</td>
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<tr>
<td></td>
<td>• Mostafa Elbaba – Pediatric simulation instructors workshop</td>
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<td>• Suja Thyagarajan – Simulathon – Pediatric Trauma simulation training in-situ across India</td>
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<td>• Elaine Sigalet – Designing a train-the-trainer faculty development course in simulation for a developing country</td>
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<td>• David Rodgers – Too little, too much, just right using an initial instructor development for your program</td>
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<td>• Lamia Sogier – The p也许是: a novel approach to designing simulation-based education sessions</td>
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<td>• Kate Fitzgerald – New Techniques for Rapid On-Boarding of Simulation Engineers</td>
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<tr>
<td>11:00 - 12:30</td>
<td>ORAL PRESENTATION 4 (OP 4)</td>
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<td></td>
<td>• Donna Luff – Lights, Camera, Action! Exploring the Frontiers of Simulation and Film Making</td>
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<td>• Elizabeth Abar – When a child dies: Simulating the death of an infant, key practical and communication skills.</td>
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<td>• Donna Luff – Can we scale communication training online? Web-based workshops on Disclosure and Apology</td>
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<td>• James Ettelman – Development of a mobile application in NBState in-situ simulation delivery</td>
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<td>• Cameron Lawn – New UK-natal advanced neonatal resus course: Novel assessment, human factors, smart FMV trainer</td>
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<td>• Mostafa Elbaba – Easy hand-made high-fidelity pediatrics task trainers innovation</td>
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<td>12:30 - 13:30</td>
<td>Lunch &amp; Exhibition</td>
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<td></td>
<td>WORKSHOP 6 (WS 06)</td>
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<tr>
<td></td>
<td>• Debriefing as a Tool for Closing Performance Gaps</td>
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<td>• Daniel Raemer, Jenny Rudolph, Andres Navedo, Jennifer Arnold</td>
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<td>WORKSHOP 9 (WS 09)</td>
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<td></td>
<td>• Are You Prepared for a Disaster? Using Simulation for Pediatric Disaster Triage Education</td>
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<td>• Maria Carmen G. Diaz, Mark Cicero, Daniel J. Schreiber, Marc Auerbach, Barbara Walsh, Grace Araya</td>
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<td>WORKSHOP 10 (WS 10)</td>
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<td>• On the “Need for Speed”: Pros and cons of using speeded practice in simulation education</td>
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<td>• Martin Pruc, David Kessler</td>
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<td>WORKSHOP 11 (WS 11)</td>
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<td></td>
<td>• The Art of Designing a Visual Aid for Communication in Simulation</td>
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<td></td>
<td>• Jennifer Arnold, Andrea Navedo, Daniel J. Schreiber</td>
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**Legend**

- Debriefing and teaching methodologies
- Simulation instruction design and curriculum development
- Interprofessional Education
- Process Improvement & Organizational Change
- Simulation for procedural and psychomotor skills
- Innovation/ Future Direction and Outreach Simulation
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### PROGRAM OVERVIEW

#### ORAL PRESENTATIONS (OP 5)
- Nora Colman - Simulation Based Team training improves non-technical skills amongst pediatric intensive care staff
- Luis Williams - Getting teams 'on the right track': developing an inter-disciplinary tracheostomy course
- Natalya Kusheleva - Creating neonatal interprofessional simulation instructors' taskforce to improve patient care.
- Beverley Robin - Plan, learn and care together - developing pediatric interprofessional simulation-based education.
- Manu Madhok - IPSS simulation fellowship: process of development

#### ORAL PRESENTATIONS (OP 6)
- Adam Cheng - Effects of transcranial direct-current stimulation on laparoscopic surgical skill acquisition
- Akira Nishisaki - Development of tracheal intubation laryngoscopy coaching language through remote simulation
- Saleh Okhovat - Feasibility assessment of animal models for simulation in paediatric laryngotracheal reconstruction
- Thomas Milner - A systematic review of simulated laryngotracheal reconstruction animal models
- Adam Cheng - Attenuation of emergency department mattress compressibility using various hard surfaces

#### ROUNDTABLE SESSION 3 (RT 3)
- Claire Stewart - Use of simulation to assess pediatric critical care fellow resuscitation competency
- Peggy Han - Use of medical simulation to educate healthcare providers in a nascent pediatric ecls program
- Jonathan Hurst - A model for integrating interprofessional in-situ neonatal simulation into a staff update programme
- Suzanne Nelson - Distress Debriefing Training for Pediatric Intensive Care Unit Nurses

#### WORKSHOP 11 (WS 11)
A Blended Approach to Effective Feedback in a Developing Country
Elaine Lucie Spiegel, Faizal Haj, Ian Wihart, Adam Dubrowksi

#### WORKSHOP 12 (WS 12)
From the Idea to the Stage
Mostafa Ahmed Elbaba

#### WORKSHOP 13 (WS 13)
Train the trainer: mobile simulation connecting academic & community sites to bridge gaps in care
Barbara Marie Walsh, Marc Auerbach, Sandeep Gangadharam, Jessica Katz Nelson, Mindy Hamilton, Marcie Gawel

#### ORAL PRESENTATIONS, ROUNDTABLES & WORKSHOPS

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<td>KEYNOTE ADDRESS 4 - Carol Durham</td>
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<td>16:45 - 17:45</td>
<td>IPSS General Assembly &amp; Business Meeting</td>
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<td>19:30 - 22:00</td>
<td>IPSSW Networking Reception</td>
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**SATURDAY, 3 JUNE 2017**

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<td>11:00 - 12:00</td>
<td>Panel Discussions, Oral Presentations, Roundtables &amp; Workshops</td>
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#### PANEL DISCUSSION 3
- **Multi-industry approaches to high-performance team debriefing**
  - Group 13
  - Group 14
  - Group 15
  - Group 16
  - Group 17
  - Group 18

#### ORAL PRESENTATION SESSION 7 (OP 7)
- Sharon MacKenzie - Assessment and management of the threatening emergencies at school
- Lindsey Johnson - Remediation of the underperforming [name] provider: a multidisciplinary simulation-based workshop
- Maria Carmen Diaz - Developing and delivering patient and family centered care using simulation
- Rachel Parsons - Minor Patients: A Novel Approach to Achieving Best Practice for In-situ Simulation
- Jackie Potter-Ruddock - Translating Clinical Talk into Patient Talk: Improved Communication
- Taylor Sawyer - Impacts of a simulation-based extracorporeal cardiopulmonary reanimation (ECP) training program

#### ROUNDTABLE SESSION 4 (OP 4)
- Catherine Allen - Development of a Tool to Evaluate Readiness in Clinical Environments Using Simulation
- John Collins - Using simulation to test and implement improved clinical handover
- Karen Paterson - Opening the doors: utilization of simulation for system-based design tests in opening new facility
- Allisa Cohen-Steiner - Aligning expectations: innovative simulation to bridge gaps in communication during informed consent
- Jon Napper - Latent threat identification in a nicotine in-situ simulation program
- Glen Dunkel - Safety & simulation: overcoming barriers to implementation

#### ORAL PRESENTATION SESSION 8 (OP 8)
- Elizabeth Bidwell, Stephanie Esgahan, Kristina Napoli, Wendy Van Ittersum - Beyond Precedence: Designing and Delivering a Comprehensive Boot Camp Experience

#### WORKSHOP 14 (WS 14)
- Elizabeth Biddell, Stephanie Estephan, Kristine Nagy, Wendy Van Ittersum - Developing a simulation-based return to work programme: 5 year experience of London PRAC course

#### WORKSHOP 15 (WS 15)

#### WORKSHOP 16 (WS 16)
- Mithila D’souza, Trisha Radia, Camilla Kingdon, Mehrengiz Cooper - Beyond Procedures: Designing a Comprehensive Boot Camp Experience

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### ORAL PRESENTATION SESSION 8 (OP 8)
- Christine Mai - A systems approach to effectively design pediatric simulations
- Jennifer Arnold - Using simulation to drive pre-construction design of safe patient care environments: a workshop
- Kim Sykes - Embedding simulation - embedding bugs: does embedded simulation compromise patient safety?
- Michael Prendergast - Systematic preparations minimize safety risks in serial NICU care transitions
- Ben McNaughten - Incorporation of simulation training into induction improves confidence in medical and nursing staff
- Elaine Sigalet - Cycles of in situ simulation required for safely opening a greenfield outpatient center

### ORAL PRESENTATION SESSION 9 (OP 9)
- Aiham Ghazali - Better leadership, better teamwork!
- Suvradeep Basu - Human factors in simulation and the development of emergency algorithms
- Asad Siddiqui - Enhancing anesthesiology trainee performance in critical events using cognitive aids
- Craig Johnstone - Designing a pediatric sepsis course
- Megan Gray - Quality of Care in Simulated Infant Codes: A Randomized Trial of Interprofessional vs Resident Teams
- Rahul Ojha - Spaced scenario demonstrations improve knowledge & confidence in managing acute illness

### WORKSHOP 17 (WS 17)
Building Robust Assessment Tools for Simulations in the Era of Milestones and Epas
Karen Mangold, Mary McBride, Mark Adier

### WORKSHOP 18 (WS 18)
Leveraging Simulation and Debriefing to Reduce Diagnostic Errors by Pediatric Healthcare Providers
Gunjan Tiyyagur, Marc Auerbach, Ambrose Wong, Isabel Gross, Matthew Lipshaw

### WORKSHOP 19 (WS 19)
The Engineering of Sim: Creating an “In-house” Service for 3D Printing and Design of Novel Trainers
Melissa Burns, Stephen Wilson, Gregory Ioan, Katie Livingston, Andrew Hoerner, Noah Schulz, Mariah Geritano, Peter Warnstock

### WORKSHOP 20 (WS 20)
Using simulation to teach family-centered care in an interprofessional environment
Amir Karmali, Kathryn Parker

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**LEGEND**
- Debriefing and teaching methodologies
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