REACHING OUT TO THE FUTURE!
THE 7TH INTERNATIONAL PEDIATRIC SIMULATION SYMPOSIA AND WORKSHOPS
WILL BE HELD MAY 4-6, 2015 IN VANCOUVER, CANADA
By Tobias Everett and Douglas Campbell

The International Pediatric Simulation Society (IPSS) and the IPSSW2015 Organizing Committee: Tobias Everett, Mary Bennett, and Chris Chin are pleased to announce the 7th International Pediatric Simulation Symposia and Workshops (IPSSW) in Vancouver, Canada, 4-6 May 2015.

Building on a wonderful meeting in Vienna in 2014, IPSSW is looking forward to its second trip to North America – this time in the breath-taking city of Vancouver, Canada. The conference will be held at the Westin Bayshore, right on the waterfront, with stunning views of Vancouver Harbour and the mountains beyond, and close to the legendary Stanley Park.

“IPSSW2015 – Reaching Out to the Future” recognizes and encompasses a number of developments in the continued evolution of pediatric simulation. Firstly, the continued expansion of simulation across the globe including to resource-poor contexts and the formation of international collaboratives has us “reaching-out” as a community. Secondly, Outreach simulation, where the centre-based silos are broken down and simulation is delivered in community-based settings, is another manifestation of our simulation enthusiasts reaching-out. Finally pediatric simulation is at the forefront of the trail being blazed into the future in terms of a paradigm shift in education and high-stakes assessment.

IPSSW2015 will bring these themes together in an exciting and stimulating program designed by the Program Committee: Tobias Everett, Shannon Manzi, and Jennifer Reid. The program includes 7 pre-conference workshops on 3 May, unmatched networking and knowledge exchange in hands-on workshops, roundtable sessions, special interest groups and poster presentations.

In response to positive feedback from previous meetings, we are pleased to have included speakers from a range of industries with important in-sights applicable to our practice. (See IPSSW Keynote Corner, page # for more information on keynote speakers). The format of the program components have been refined to facilitate smooth flow between sessions with adequate time devoted to those aspects that you’ve identified as key.

IPSSW continues to represent the world’s largest gathering devoted exclusively to pediatric and perinatal simulation – popular for advancing its practice and network in a friendly and collegial atmosphere. A diverse group of individuals attend with a shared interest in improving pediatric healthcare through simulation.

EARLY BIRD REGISTRATION UNTIL 5 FEBRUARY 2015
Register NOW for IPSSW2015
PediSTARS India and Apollo Hospitals, Hyderabad hosted India’s first National conference on Pediatric Simulation, SIMULUS on September 12th, 2014. A two day ‘Training the Trainers’ workshop was held on September 13-14. This was the first major event in India focusing on introducing the concepts of simulation-based education and how to integrate it into regular training in Pediatrics. The faculty included 8 of the world’s foremost experts in Pediatric simulation from the USA, UK and New Zealand along with 5 local pediatric simulationists. The event was attended by over 120 simulation enthusiasts from across the country and included: Pediatric intensivists, ER physicians, aviation experts, PALS coordinators as well as nursing instructors and bedside nurses. The majority attended the workshops with the goal of improving their training and teaching ability in order to improve patient safety, and quality of care.

The conference was an excellent introduction to simulation as a technique and a range of technologies were used to make simulation-based education (SBE) more applicable for local needs. An afternoon of panel discussion generated engaging discussions from the audience to address various scepticisms about the applicability of simulation in India.

The ‘Training the Trainers Workshop’ was conducted at the Apollo Hospital Simulation centre in Hyderabad with the assistance of Laerdal and CAE. 25 Pediatric intensivists and 15 nursing leads from institutions across India participated in the workshop which focused on a continuum of curriculum including: adult-based learning theory, scripting scenarios, introduction to a fidelity and technology, debriefing and of course hands-on practice.

The event was rated as highly impactful by the engaged audience. This was one of the first events whereby senior physicians and bedside nurses learned together in an active training process. At the end of the workshop the vast majority felt highly-motivated to apply SBE in their centres and incorporate it into daily practice. There was a strong need expressed to reinforce learning through mentorship, and participation in further conferences and workshops. Hopfully this will continue as a recurring national conference.

Dr. Rakshay Shetty, M.D., Fellow PCCM (Toronto)
Lead Pediatric Intensivist Rainbow Children’s Hospital Vijayawada -520008
IPSS Article Ranked # 1 on Cureus.com!

By Taylor Sawyer and Robbie Hales

What is Cureus.com?

Cureus subscribes to the heretical idea that publishing peer-reviewed medical science can and should be a more straightforward and transparent process (and perhaps even fun). Cureus promotes peer review that improves the quality of science. While Cureus reviewers are phenomenally accomplished in their chosen disciplines, they're also happy to give an aspiring author helpful advice when needed. Importantly, our review process alleviates the need for reviewers to prove that they are "the smartest person in the room." The Cureus community understands its collective power to generate and validate the medical knowledge that is needed to cure the patient of tomorrow.

What does Cureus.com have to do with IPSS?

In May 2013 IPSS and Cureus.com signed a memorandum of understanding which initiated the development of an IPSS Channel on the Cureus.com website. That channel acts as an online peer-reviewed journal for IPSS members. Any IPSS member is able to submit their manuscripts to Cureus for review for peer-reviewed publication without charge. To date several articles have been published by IPSS members, like you. An article from a member of IPSS currently has the highest ranked Scholarly Impact Quotient (SIQ) on Cureus!

What is an SIQ?

Cureus believe that there is a better process for determining the “impact” of scientific publications than an Impact Factor given to a journal. Cureus embraces the intelligence of the community-at-large to judge article importance via a technique termed Scholarly Impact Quotient (SIQ). SIQ is grounded in crowd sourcing technology. SIQ uniquely benefits each reader, as it is the only system measuring the merit of individual scientific articles. All registered users are invited to contribute to the SIQ of any published article. (Authors are not permitted to score their own articles.) During this post-publication peer-review scoring process, users are asked to judge the relative merits of the article on a scale of 1-10 (1 = poor and 10 = excellent) in the following areas: clarity of background and rationale, clinical importance, study design and methods, data analysis, novelty of conclusions and quality of presentation. SIQ harnesses the innate "wisdom of the crowd" (including peer reviewers, editors, colleagues, and doctors and researchers in unrelated disciplines) to assess an article’s importance. SIQ is grounded in statistical power as a means of ensuring accuracy; the judgment of “the many” can diminish the biased influence of “a few.”

How do I get published on Cureus.com?

Simply go to the IPSS website and follow to link for Publication, under the Education tab. Or simply go to the IPSS Channel on Cureus.com and follow the links to submit your manuscript. It’s easy, fast and counts as a peer-reviewed manuscript if published!
**IPSSW 2015 Keynote Corner!**

By Douglas Campbell

The keynote speakers always play a crucial role in the sustainability and strength of the IPSS conferences. That's why we are proud to introduce the first four members of our distinguished speaker panel.

**Dr. Laurie J. Morrison** is the Robert & Dorothy Pitts Research Chair in Acute Care & Emergency Medicine, Professor and Clinician Scientist in the Division of Emergency Medicine, Department of Medicine at the University of Toronto and Li Ka Shing Knowledge Institute at St Michael's Hospital. She is the Director of Rescu, a resuscitation research program focusing on the evaluation and implementation of prehospital and transport medicine time sensitive interventions in acute emergencies and is known for her contribution to the development of the 2005 and 2010 AHA Guidelines.

**Dr. Andrew McIndoe** is a consultant anesthetist with sub-specialty expertise in anesthesia for upper gastrointestinal surgery, endocrine surgery, ophthalmic surgery, and special needs patients with the University Hospitals Bristol NHS Foundation Trust. In respect to the theme of IPSSW2015, Andrew has been an examiner for the Primary Fellowship examination of the Royal College of Anaesthetists since 2006, and is deputy chair of the OSCE (Objective Structured Clinical Examination).

**Dr. Nicola Ann Shilkofski** received her medical degree from Tulane University School of Medicine, her Masters in Medical Education at the University of Cincinnati and was trained in pediatrics and pediatric critical care at Johns Hopkins. As a pediatric intensivist, Nicole’s research interests involve the use of simulation to teach pediatric resuscitation, particularly in resource-limited settings and developing countries.

Since 1998 **Dr. Jim Fehr** has worked at Washington University in St. Louis where his clinical practice centers on pediatric cardiac anesthesia and critical care. As medical director of the Saigh Pediatric Simulation Center at St. Louis Children's Hospital since 2008, he has had an active role in the creation, development and expansion of the simulation center. This hospital-based center provides pediatric focused simulation for individual and interdisciplinary educational programs. He has also directed the simulation sessions for the Pediatric Sedation Outside of the Operating Room conferences and was recently been elected to the Board of Directors of the Society for Pediatric Anesthesiology.

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**IPSS Executive Committee and Board of Directors Elections coming soon!**

Please consider offering your time and talent to growing the largest international pediatric simulation community. Nominations will be accepted beginning early January for President Elect, Secretary and 6 Board of Director positions. Elections will take place at IPSSW 2015 in Vancouver and on-line! Stay tuned!
The IPSS-ELSO ECMO collaborative continues to move forward, and is finalizing the details of the Memorandum of Understanding between our organizations. We will be jointly sponsoring a series of three ECMO simulation webinars, the first of which is being held the week of November 17 (exact time TBA). The other sessions are planned for December 11 (1p EST), and January 29 (2p EST). We are continuing with the development of our ECMO simulation "scenario library," which will provide educational materials for current members our organizations. A peer review process is being established, and we are planning to request members to submit cases that will be reviewed and, once approved, included in the collection. Please contact Lindsay Johnston (Lindsay.johnston@yale.edu) if you are interested in getting involved in this committee.

**What’s New in Pediatric Simulation Research?**

**In situ simulation** training for neonatal resuscitation: An RCT.

**Simulation-based education and performance assessments for pediatric surgeons.**

**Designing and conducting simulation-based research.**

**Technology-Enhanced Simulation and Pediatric Education: A Meta-analysis.**

**Development of a team performance scale to assess undergraduate health professionals.**

**Examining pediatric resuscitation education using simulation and scripted debriefing: a multicenter randomized trial.**

**In Situ Pediatric Trauma Simulation: Assessing the Impact and Feasibility of an Interdisciplinary Pediatric In Situ Trauma Care Quality Improvement Simulation Program.**

**A simulation-based intervention teaching seizure management to caregivers: A randomized controlled pilot study.**

**Nurses close to Heathrow take part in Ebola simulation exercise.**

**IN ECMO NEWS**

**By Lindsay Johnston**

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