### SimHealth Master Class

**Meeting Room 215**

**0900-1245**

**Working with Children in Simulation: The Practicalities and Ethics of Engaging with Simulated Patients Who are Children**

**Presenter:** Carrie Hamilton, Director, Education, Training and Innovation, SimGarden Academy

**Overview:**
This Master Class will cover the question: ‘Is this just nice theory or is it in engaging with children an essential part of simulation based education. The process of setting up a paediatric simulated patient program will be covered including resource identification, recruitment and selection, training, risks (including consent and ethics) and quality assurance. The principles of biomedical ethics (Beauchamp and Childress, 2009) will be used to guide the participants in making sense of perceived barriers.

*(Please note that no lunch will be provided at the end of this Master Class)*

### SimTec Master Class

**Meeting Room 217**

**1315-1700**

**Principles and Practice of Evacuation Simulation**

**Presenter:** Prof Edwin Galea, Director, Fire Safety Engineering, SimTec Master Class

**Overview:**
Multi-agent evacuation simulation enables the prediction of human behaviour and performance during emergency evacuation – predicting likely evacuation times, identifying potential bottlenecks and, in extreme cases, predicting likely numbers of fatalities and injuries. In this way the layout can be optimised, while this is the early design phase, avoiding costly modifications later, when the structure is built. To develop a good evacuation model we need real world data to identify relevant behaviour and to calibrate our models. Generating this data is challenging – logistically, technically, ethically and politically. This Master Class will discuss some of the data used to identify and quantify human performance and behaviour underpinning evacuation simulation and how we use this to develop and then utilise evacuation simulation for buildings, aircraft, ships and even the larger urban environment. Examples will include issues associated with the evacuation of the mobility impaired with applications not only to hospitals and care facilities but the general built environment.

*(Please note that no lunch will be provided at the beginning of this Master Class)*

### SimTec Master Class

**Meeting Room 218**

**Designing a Medical Education Translational Science Research Program**

**Presenter:** Prof William McGaghie, Professor, Medical Education, Northwestern University Feinberg School of Medicine

**Overview:**
This Master Class will have several brief, structured presentations about research goal setting, research planning, and fundamentals of team science. Participants will be in thematic working groups, involved in research program goal setting and planning, giving and receiving peer feedback and reaching agreement about realistic research goals given constraints of time and money.

*(Please note that no lunch will be provided at the end of this Master Class)*

### SimHealth Master Class

**Meeting Room 217**

**Meeting Room 218**

**1315-1700**

**Network Attack Simulation: An Enabler for Cyber Situational Awareness Analytics and Training**

**Presenter:** Dr Shandehay Jay Tang, Professor and Head of Computer Engineering, Kate Gleason College of Engineering, Rochester Institute of Technology

**Overview:**
This Master Class will consist of three components: an overview of history and advances in network attack simulation and their uses in Cyber Situational awareness; an introduction and demonstration of C 그리고 (Cyber Attack Scenario And Network Defense Simulator), and an interactive session to discuss the benefits and limitations of network attack simulation for cyber training and analytics.

*(Please note that no lunch will be provided at the beginning of this Master Class)*

### SimHealth Master Class

**Meeting Room 217**

**Network Attack Simulation: An Enabler for Cyber Situational Awareness Analytics and Training**

**Presenter:** Dr Shandehay Jay Tang, Professor and Head of Computer Engineering, Kate Gleason College of Engineering, Rochester Institute of Technology

**Overview:**
This Master Class will consist of three components: an overview of history and advances in network attack simulation and their uses in Cyber Situational awareness; an introduction and demonstration of C 그리고 (Cyber Attack Scenario And Network Defense Simulator), and an interactive session to discuss the benefits and limitations of network attack simulation for cyber training and analytics.

*(Please note that no lunch will be provided at the beginning of this Master Class)*

### SimHealth Master Class

**Meeting Room 217**

**Meeting Room 218**

**1315-1700**

**Leading in Context – Understanding Conditions of Inherent Uncertainty**

**Presenter:** Prof Dave Snowden, Chief Scientific Officer, Cognitive Edge and Founding Director, Centre for Applied Complexity, Ranger University

**Overview:**
The myth of the great leader pervades popular management literature with the majority of cases more often being a result of being in the right place at the right time and being lucky rather than the result of any innate or replicable qualities. Snowden’s award winning HBR cover article on Leadership was one of the first to advocate a contextual approach to understanding the role of leadership. Participants in this Master Class will be introduced to frameworks that allow both dictatorial and servant styles of leadership to be understood and brought into play. Methods and tools to engage the whole of the workforce in distributed decision support will be introduced. An antedote to the simplistic recipes of too many approaches to leadership development, the Master Class will allow delegates to understand both the theory and practice of leadership as an adaptive, agile and resilient response to inherent uncertainty.

*(Please note that no lunch will be provided at the end of this Master Class)*

### ISAGA Site Visit & Workshop

**Meeting Room 218**

**ISAGA Site Visit & Workshop**

**Overview:**
Melbourne is the capital of many things, (like sports and coffee) but did you know that they are also the gaming capital of Australia? 48% of the industry is located within Victoria, thanks to the generous support of the various local government schemes. They also host many gaming related events and venues such as Freeplay, SCA&PA R4US and the ACM. Melbourne continues to show off the best that the industry has to offer, culminating in their International Gaming Week in November. This tour will highlight some pivotal gaming areas that help contribute to this culture, and allow the gaming industry to be as strong as ever here in Australia. The sites scheduled are world leaders in their fields, covering Virtual Reality, Serious Games and Collaboration, all fostering growth within the industry.

The sites to be visited are: Opaque Multimeda, Big Ant, The Arcade and Zero Latency. All exhibit how powerful games as a medium can be for reaching your audience and conveying information. Demonstrating their ability for collaboration with other industries in creating amazing works that Australia can be proud of.

The tour is open to everyone willing to look at simulation from a different perspective and interested in how serious games may help their business or academic studies to better overall participation and results.

The first visit to Opaque Multimeda will demonstrate the influence of serious games and what companies can do when collaborating with academic and industry bodies.

The second part of the tour will look at the workforce of the games industry, focusing on two different areas – Big Ant and The Arcade. During this visit, you will get to see how from some of the tenants and employers at both sites, see the talent we have here in our own backyard and hear about the growing gaming industry.

The tour will conclude with a visit to Zero Latency which will show off Virtual Reality and Virtual Worlds in all their glory. This visit will allow you to experience the system for yourself to gain a better understanding of the power of virtual worlds.

For further information on the sites to be visited, please see www.simulationcongress.com/gaming-site-visit-workshop

**Time:** 0900-1800

**Location:** Pick up and drop off is from the Melbourne Convention and Exhibition Centre
<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0900-1045</td>
<td><strong>Session 1</strong></td>
</tr>
<tr>
<td>1045-1100</td>
<td><strong>Mom. Tea</strong></td>
</tr>
<tr>
<td>1100-1245</td>
<td><strong>Session 2</strong></td>
</tr>
<tr>
<td>1245-1315</td>
<td><strong>Lunch</strong></td>
</tr>
<tr>
<td>1315-1500</td>
<td><strong>Session 3</strong></td>
</tr>
<tr>
<td>1500-1515</td>
<td><strong>Aft. Tea</strong></td>
</tr>
<tr>
<td>1515-1700</td>
<td><strong>Session 4</strong></td>
</tr>
</tbody>
</table>

### Session 1 (0900-1045)
**Meeting Room 206**

### Session 2 (1100-1245)
**Meeting Room 206**
**ISAGA Workshop**

**Generating Safe Error Rich Training Environments**

**Overview:**
By generating a safe error rich training environment, participants are given the opportunity to practice and refine the core skills and strategies that often fail in the prelude to sentinel events. Instead of judging participants on their ability to prevent failure, participants develop their ability to identify error and address failure. Other industries that rely on high frequency of inter-personal communication or incomplete or unreliable information for decisions (e.g. crisis resource and disaster management – both civilian and military and management, political and financial or economic strategy) are invited to participate in or observe this training and contribute other ideas and strategies that fulfill the brief of a psychologically safe simulation.

**Presenter:**
Nick Argall, Independent Drukker
Dr Steve Costa, Ballarat Health Services

### Session 3 (1315-1500)
**Meeting Room 206**
**ISAGA Workshop**

**Maintaining the Suspense - Facilitating Simulations so that the Debriefing Continues the Learning**

**Overview:**
Debriefing is a complex issue. To reduce that complexity this work introduces a 3x3 matrix aligning debriefing methods with timing of debriefing. The process assumes that participants have some knowledge of simulation structures and processes and will use short activities to create experiences for post-action analysis.

Debriefing can occur:
- a) during an activity;
- b) immediately afterwards;
- c) when related activities are complete.

This workshop takes participants on a journey through the matrix of possibilities, using a range of activities to develop insights into which debriefing format best suits particular learning outcomes or organisational goals.

**Presenters:**
Bill Roungas, TU Delft
Prof Elizabeth Tipton, Eastern Washington University
Marieka De Wijse, TU Delft

### Session 4 (1515-1700)
**Meeting Room 206**
**ISAGA Workshop**

**Maintaining the Suspense - Facilitating Simulations so that the Debriefing Continues the Learning (Continued)**

**Presenters:**
Bill Roungas, TU Delft
Prof Elizabeth Tipton, Eastern Washington University
Marieka De Wijse, TU Delft
Maintaining the Suspense - Facilitating Simulations so that the Debriefing Continues the Learning (Continued)

**ISAGA Workshop**

Meeting Room 206

**Session 1**

ISAGA Plenary

**ISAGA Opening and Welcome**

Marius Wardacko, Assistant Professor, Director, Center for Simulation Games and Gamification, Kozminski University

Opening Address

The Future of Medical Simulation: It's All About Leadership, Proficiency, Measurement and Evidence-based Education

Speaker:

Prof Richard Satava, Professor of Surgery, University of Washington Medical Center

Overview:

Medical simulation has reached a plateau, as is the case with almost every new innovative technology. In the 1990s and the first decade of 21st century, the introduction of simulators to train medical and surgical skills began, riding on the success in other industries and the new developing technologies, such as virtual reality, computer-driven manikins, 3-D printing, serious games and others. Initial enthusiasm about the simulators waned as it became apparent that medical training was mainly about the curriculum (educational content) not the technology. Innovation in developing new curricula, educational processes and assessment methods, supported by the technologies, provided a temporary rejuvenation of interest in simulation and educational games. But it was not until the leadership in healthcare embraced the changes and advantages which simulation could provide, and boldly championed them, that further progress in simulation was possible. Not surprisingly, simulation also revolutionized the training of leadership skills. These changes require a rigorous approach to education using proficiency standards, quantitative measures, stringent assessment tools and certification. Now, simulation is the new training tool that provides the evidence of improvement in skills performance, which results in a measurable improvement in patient safety. It is now clear that through simulation, the future of evidence-based education will further transform the future of evidence-based medicine.

Meeting Room 206

**ISAGA Plenary**

**ISAGA Free Papers**

**Simulation and Learning**

Chair: Anna Maria Carrera, Royal Adelaide Hospital

- **710** Long Oral Presentation
  - Pitfalls for Debriefing Games and Simulations: Theory and Practice
  - Bill Roungas, TU Delft

- **714** Long Oral Presentation
  - Building Safe Containers for Effective Learning
  - Anna Maria Carrera, Royal Adelaide Hospital

- **727** Long Oral Presentation
  - The Tango and Tarantino – Creating Authentic Emotion
  - Deanna Hutchinson, Diverse Disruption

- **728** Long Oral Presentation
  - Simulation and Games on a Shoestring
  - Tom Benjamin, Open Learning

Meeting Room 208

**ISAGA Free Papers**

Diversity

Chair: Todd Mason, Simulation Manager, Northern Health

- **524** Long Oral Presentation
  - The Effectiveness of Negotiation Games in Citizenship Education: Through An Examination of Diplomatic Negotiation Game INDEPENDENCE DAY in A Japanese High School
  - Baba Hime, Graduate School, Kobe University

- **644** Long Oral Presentation
  - A Study on Gaming Simulation as a Key of Meta-frame of Planning for Neighbourhood Immigrant Integration and Co-existing Diversity
  - Pongpisit Hoyakorn, University of Sassari

- **701** Long Oral Presentation
  - From Recreational to Clinical Approaches: The Use of the Ludic Program Cuatro Tribus as a Complementary Tool for the Reintegration Treatment of Juvenile Offenders
  - Alfonso Atala Layun, Dinamita

Meeting Room 208

**ISAGA Free Papers**

Simulation and Organisations

Chair: Marius Wardacko, Assistant Professor, Director, Center for Simulation Games and Gamification, Kozminski University

- **649** Long Oral Presentation
  - Successful Design and Application of Games and Simulations in Real-World Setting: a Holistic Approach to Scaling Project-Oriented Problem-Based Learning University-Wide
  - Benita Ann Rowe, Technical University of Cologne

- **698** Long Oral Presentation
  - Building Strategies for Organisational Development with Simulation Games
  - Marius Wardacko, Kozminki University

- **466** Long Oral Presentation
  - Assessment and Evaluation of Learning via Simulation - an Exploration of Concepts
  - Dr Elynoroth Leigh, FutureSearch
TUESDAY 27 SEPTEMBER 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1</th>
<th>Session 2</th>
<th>Lunch</th>
</tr>
</thead>
<tbody>
<tr>
<td>0830-1000</td>
<td>Simulation Australasia Welcome</td>
<td>1030-1200</td>
<td>1200-1330</td>
</tr>
<tr>
<td>0900-1030</td>
<td>Welcome to Country</td>
<td>Medical Education Research as Translational Science</td>
<td>Plenary 3</td>
</tr>
<tr>
<td>1030-1100</td>
<td>Congress Opening</td>
<td>Modelling and Simulation</td>
<td>Meeting Room 206</td>
</tr>
<tr>
<td>1100-1130</td>
<td>Keynote Presentation</td>
<td>Oral Presentation – Short Paper</td>
<td>Meeting Room 206</td>
</tr>
<tr>
<td>1130-1150</td>
<td></td>
<td>A Conceptual Model for Human-Agent Collaboration Based on the BDI Model of Agency</td>
<td>Meeting Room 208</td>
</tr>
<tr>
<td>1150-1200</td>
<td></td>
<td>Fast Cascaded Shadows in Synthetic Environment</td>
<td></td>
</tr>
<tr>
<td>1200-1330</td>
<td></td>
<td>Oral Presentation – Short Paper</td>
<td></td>
</tr>
<tr>
<td>1230-1330</td>
<td></td>
<td>An AnyLogic Simulation Model for Performance and Risk Analysis of Six Sigma</td>
<td></td>
</tr>
<tr>
<td>1330-1400</td>
<td></td>
<td>Oral Presentation – Short Paper</td>
<td></td>
</tr>
<tr>
<td>1400-1500</td>
<td></td>
<td>Carving Morphogenetic Prototypes with a Katana</td>
<td></td>
</tr>
<tr>
<td>1500-1600</td>
<td></td>
<td>Oral Presentation – Short Paper</td>
<td></td>
</tr>
<tr>
<td>1600-1700</td>
<td></td>
<td>A Modular Approach to Dynamic Modelling for Capability Planning</td>
<td></td>
</tr>
<tr>
<td>1700-1800</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1800-1900</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1900-2000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2000-2100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2100-2200</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Prof Debra Nestel, Professor of Simulation
A/Prof Stuart Marshall, Specialist
A/Prof Victoria Brazil, Emergency Physician,
a statement about attributes of productive
programs that are thematic, sustained, and
translational science stems from research
underlying this work. Medical education
and deliberate practice are key concepts
Speaker:
Keynote Presentation
and Director, Clinical Education and
Chair:
Plenary 3
Julian van Dijk, Convenor, SimHealth
WGCDR Mick Tully, Royal Australian Air Force
CMDR Daniel Crocker, Navy Modelling and
Research, University of Canberra
Presenters:
(LVCS) domain.
joint/collective team training and on into
procedures/proficiency focused training to
opportunities of stepping up from individual
Overview:
and Technologies, CAE Asia Pacific
Karen Blackmore, University of Newcastle
Uncanny Valley
on Observer Perception of the
Oral Presentation – Long Paper
Sarah Hibbard, Consilium Technology
Influence Sensemaking in Virtual
Type and Narrative Medium
Older and/or Disabled Adults:
Simulating Driving for use with
Presentation – Long Paper
Convenor, SimTecT and Senior Research
Chair:
Human Dimensions in Simulation
353
Oral Presentation – Long Paper
An Introduction to Using Docker in Support of ILA Federations
Anthony Czap, Defence Science and Technology Group
726
Oral Presentation – Long Paper
A Qualitative Evaluation of the Role of Virtual Reality as a Safety Training Tool for the Mining Industry
Silvia Pedram, University of Wollongong
625
Oral Presentation – Long Paper
Moving Hands and Feet – Reflecting on High Fidelity Motion and Haptic Feedback in Heavy Equipment Simulation in Mining
Deanna Hutchinson, Diverse Disruption
725
Oral Presentation – Long Paper
Transport and Mining
Chair: Deanna Hutchinson, Congress Executive, Australasian Simulation Congress and Founder, Diverse Disruption
625
Oral Presentation – Long Paper
Addressing Challenges of Planning in Multimodal Transportation Nodes with Simulation Games
Maria Freire, German Aerospace Center (DLR)
726
Oral Presentation – Long Paper
Supporting Energy Efficient Train Operation by Using Gamification to Motivate Train Drivers
Malgorzata Kryszyna Cwil and Wital Bartnik, Kozminski University
726
Oral Presentation – Long Paper
A Qualitative Evaluation of the Role of Virtual Reality as a Safety Training Tool for the Mining Industry
Silvia Pedram, University of Wollongong
726
Oral Presentation – Long Paper
Moving Hands and Feet – Reflecting on High Fidelity Motion and Haptic Feedback in Heavy Equipment Simulation in Mining
Deanna Hutchinson, Diverse Disruption
726
Overview:
Are we confusing simulation with prediction as many evidence-based approaches have confused correlation with causation? In what contexts can we assume knowable outcomes and where are such assumptions dangerous? What is the nature of human decision making both individually and in social contexts? How do designers – or of scenarios, mission rehearsal, exercises, etc. – account for human nature in their creations? What might be missed if all of these confusions lead designers — and users — into drawing false conclusions about intentions, usage and outcomes? What frames of knowledge are relevant to different design parameters? And how do these influence all parties involved? This keynote presentation will explore how unique contexts require unique methods and tools.
### TUESDAY 27 SEPTEMBER 2016

<table>
<thead>
<tr>
<th>Session 3</th>
<th>1330-1500</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Plenary 3</strong></td>
<td><strong>Meeting Room 206</strong></td>
</tr>
<tr>
<td>ISAGA Plenary</td>
<td>SimTecT Workshop</td>
</tr>
</tbody>
</table>

#### The Art of Ephemeral Science - From Participatory Modelling to Serious Gaming
**Chair:** Marco Wieraszko, Assistant Professor, Director, Center for Simulation Games and Gamification, Kozminski University

**Keynote Presentation**
**Speaker:** Prof Pascal Perez, Director, SMART Infrastructure Facility, Faculty of Engineering & Information Sciences, University of Wollongong

**Overview:**
This keynote will explore how the convergence of socio-environmental systems modelling and serious gaming is challenging positivist and reductionist viewpoints. This convergence creates a far more ambitious and effective way for users of computer models to better inform policy decisions and contribute to societal awareness. The accompanying shift from expert system to mediator object will also force us all to reassess the shift from expert system to mediating better inform policy decisions and contribute to societal awareness. The accompanying shift from expert system to mediator object will also force us all to re-assess the intrinsically value of computer models and their temporality. Socio-environmental systems (SES) modelling has long been a prominent paradigm that inherently acknowledges the capacity of design(s) to define the boundaries of the system under study and to observe its intricate workings. However, sociologists and philosophers are questioning the positivist status quo that dominates these people-centric models in general and agent-based simulations in particular. From a fringe element in the late 90s, constructionism is becoming a dominant framework for modern modelling: building models of people, with people, for people. This presentation will track some of these changes and explore the implications of factors influencing the trends in socio-technical modelling of human society.

---

#### Patient Safety
**Chair:** Daniel Salt, Allied Health Simulation Fellow and Physiotherapist Cardiothoracics, ICU, Wellington Regional Hospital

**Overview:**
This workshop will demonstrate the potential for physical and psychological dangers in simulations and considers strategies and mechanisms for mitigation through a cross industry discussion.

**Presenters:**
- Ben Krynski, Real First Aid
- Kevin Hovell, Engineering Simulator Training Centre
- Marc Lyons, Building Leadership Simulation Centre
- Anna Maria Camara, Royal Adelaide Hospital
- Dr Cameron Knott, Monash University
- Dr Anjum Naweed, CDU University

---

#### Simulation to Inform and Improve Hospital Cleaning and Food Services Delivery in High Risk Patients: A Quality Improvement Initiative
**Chair:** Nadine Sarah Gwendaoline Azam, Kids Simulation Australia

**Overview:**
This panel will debate - "Do we 'model'- or 'engage in simulation'? Do we all strive for 'ideal', or even know and agree what that means? Are there legitimate reasons for using different terms in modelling and simulation? Are we being too esoteric? Do you believe we can have a 'language in common'? This panel will debate - "Is a community, do we need to define our key terms?" Come ready to engage and reflect - how can we improve the ways we communicate our ideas to each other and the world at large?

**Team (For):**
Dr Elysebeth Leigh, Director, FutureSearch
Dr Edwin Galea, Director, Fire Safety Engineering Group (FSEG) and Vice Chairman, International Association of Fire Safety Science, University of Greenwich
Peter Morrison, Co-CEO, Bohemia Interactive Simulations

**Team (Against):**
Prof Dave Snowden, Chief Scientific Officer, Cognitive Edge and Founding Director, Centre for Applied Complexity, Bangor University
A/Prof Marcus Watson, Executive Director, Clinical Skills Development Service
Dr Anna Hutchinson, Congress Executive, Australasian Simulation Congress and Founder, Diverse Disruption

---

#### Exploring the Semantics and Pragmatics in Modelling and Simulation
**Chair:** Jan Roche, Simulation Director, Canberra Simulation Centre, Medical Education Unit, University of Newcastle

**Overview:**
What do we mean when we say that we 'do modelling' or 'engage in simulation'? Do we all strive for 'ideal', or even know and agree what that means? Are there legitimate reasons for using different terms in modelling and simulation? Are we being too esoteric? Do you believe we can have a 'language in common'? This panel will debate - "Is a community, do we need to define our key terms?" Come ready to engage and reflect - how can we improve the ways we communicate our ideas to each other and the world at large?

**Team (For):**
Dr A/Prof Michelle Kelly, Curtin University
Dr Michael Meguerdichian, NYC Health + Hospitals Simulation Center
Dr Robin Kim, NYC Health + Hospitals Simulation Center
Katie Walker, NYC Health + Hospitals Simulation Center

**Team (Against):**
Dr Jon Mould, Senior Lecturer, Simulation Center
A/Prof Marcus Watson, Executive Director, Clinical Skills Development Service
Dr Shiva Pedram, Student at University of Greenwich
Mike Aldinger, Mission Systems Sector Lead, Northrop Grumman
Session 3
the implications of factors influencing the people, for people. This presentation will become a dominant framework for modern positivist status quo that dominates these capacities. Designer(s) to define the temporal socio-environmental system to societal awareness. The accompanying better inform policy decisions and contribute effective way for users of computer models to convergence creates a far more ambitious and soci-environmental system. This keynote will explore how the convergence of socio-environmental system Woodward & Information Sciences, University of Infrastructure Facility, Faculty of Engineering Chair:
- a Live Multi-Disciplinary Simulating Safety in Simulation 661

Dr Cameron Knott, Monash University Centre
Marc Lyons, Building Leadership Simulation Kevin Heveldt, Engineering Simulator Training

This workshop will demonstrate the potential of Canberra’s Multidisciplinary Operating Australia simulations.

Dr Teresa Crea, Simulation Consultant

What do we mean when we say that we reason for using different terms in modelling. This panel will debate - "As a community, do we need to define our common?" This panel will debate - "As a community, do we need to define our common?" This panel will debate - "As a community, do we need to define our common?" This panel will debate - "As a community, do we need to define our common?"

SimHealth Workshop

Chair: Dr Michael McGanity, Co-Convenor, SimTeC and Chief Engineer, Northrop Grumman
Presentation – Long Mobility Air Forces Bring Fuel to Distributed Mission Training Speaker:
Mike Aldinger, Mission Systems Sector Airborne C4ISR Systems Department Manager - LV Mission Integration, Northrop Grumman 719

Oral Presentation – Short Poster
A Swot Analysis of Virtual Reality for Safety Training in the Context of Mining Industry Shiva Pedram, Student at University of Wollongong 684

Oral Presentation – Long Paper Optimizing Aircrew Training Schedules using a Tabu Search Dr Ana Havak, Defence Science and Technology Group 685

Oral Presentation – Short Paper Virtual Possibilities: Future Directions for Research and Training in Virtual and Mixed Realities Dr Susanah Jane Whitney and Dr Justin Fidock, Defence Science and Technology Group 534 Working Memory is Extremely Limited! Creating Excellence in Scenario Development Through Understanding Cognitive Load Theory Overview: Working memory is our short term memory that transiently holds and processes new and old information for comprehension and problem management. Elements processed by the short term memory are packaged and transferred to long term memory. We rely on this working memory when approaching educational initiatives to help create long term memories that can be retrieved during patient care. When individuals are approaching new problems, there is a limited capacity of our working memory that is available to manage these new elements. Novice learners whose working memory is overwhelmed may underperform and walk away from an educational experience, confused, having not met the learning objectives of the curriculum. This poses a threat to their practice and to patient safety. The workshop will offer a constructive approach using case based collaborative learning to take learners quickly from an introduction to the ideas, to an application of the concepts. Learners will first be introduced to the concept of working memory and think about how their own simulation-based courses may be either overwhelming or too simple for their students. They will then be introduced to the different elements of an intrinsic and extraneous load tool kit as well as discuss the challenges around the expert versus novice learners. Through a case-based process, participants will work together to apply the tools of the toolkit to developing elements an intrinsic and extraneous load tool kit as well as discuss the challenges around the expert versus novice learners. Through a case-based process, participants will work together to apply the tools of the toolkit to developing elements of a curriculum. Presenters:
Dr Kamal Bajaj, NYC Health + Hospitals Simulation Center Dr Robin Kim, NYC Health + Hospitals Simulation Center Dr Michael Moguerdichian, NYC Health + Hospitals Simulation Center Katie Walker, NYC Health + Hospitals Simulation Center A/Prof Michelle Kelly, Curtin University 520 Leading into Learning - Creating Contemporary, Authentic and Future Focused Simulation Scenarios Overview: The development of new and innovative simulation scenarios which connect patient safety imperatives with contemporary practice issues forms a key component in the implementation of simulation-based teaching and learning activities. This workshop will provide participants with practical solutions to enhance their scenario-development skills and highlight any commonly encountered ‘roadblocks’ or problems in turning fledgling ideas into robust scenarios. The session will explore participants the essential components of scenarios and how to ensure the scenarios are contemporary and authentic. Further, consideration will be given to discussion of the sustainability and future evolution of the scenario-based component of their simulation programs in the wider context of organisational and resource issues. The key areas of initial idea generation, use of templates and implementation across various practice/education settings will form the foundations for the workshop content. The workshop will be interactive guided by the facilitators so that participants can share experiences, practice scenario-development and receive feedback. Participants will take away strategies to implement or further develop scenario-based simulation activities in their workplace into the future. In addition scenarios developed in the workshop can be shared amongst participants with the aim to develop these further to advance clinical practice and improve patient outcomes. Presenters:
Jan Farber, University of Technology Sydney A/Prof Michelle Kelly, Curtin University 525 Promoting Professionalism: Using Simulation to Develop Critical Reflection Dr Andrew Stuart Lane, Sydney Medical School, Nepean Hospital 529 Does Authenticity in Moulage Matter? Results of a Systematic Review Jessica Stokes-Parich, University of Newcastle
531 Simulation as a Pivotal Learning Modality Within a Blended Delivery Curriculum for Post-Graduate High Acuity Nursing Programs Joanne Hardenberg, La Trobe Rural Health School 529 An Evaluation of a Course on the Scenarios Development for Clinical Simulation in Nursing Education A/Prof Today Basak, Gafnhue Military Medical Academy 505 Using Child Actors as Simulated Patients Within Nursing & Midwifery Higher Education Dr Natasha Budd, The University of the Sunshine Coast

Exhibition Hall
Vignette 2: Air Threat Overview: Bifurcian Air Force have a Maritime Patrol Aircraft (MPA) airborne and conducting surveillance operations against the AGC, as well as 2 x SU-27 on a Combat Air Patrol over Bifurcian Airspace. The AGC are being supported by a RAAF Wedgetail and 4 x F-18 Hornets, 2 of which will initially shadow and then intervene the MPA with the other 2 Hornet working tactically against the SU-27s.
**TUESDAY 27 SEPTEMBER 2016**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500-1530</td>
<td>Plenary 3</td>
<td>Meeting Room 206</td>
<td>Joint SimTecT and SimHealth Plenary Panel Discussion</td>
</tr>
<tr>
<td>1530-1700</td>
<td>Session 4</td>
<td>Meeting Room 208</td>
<td>Customising Healthcare Utilising Modelling and Simulation</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Chairs:</strong> Rachel Altmann, Manager, Industry Development and Strategy, Victorian Department of Health and Human Services and Nicole Jones de Ray, Governor, SimTec</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Overview:</strong> Pioneers in their fields, each panellist is at the frontier of modelling and simulation to advance individualised healthcare. From intuitive visual interfaces for interacting with healthcare data, to customising surgery through modelling procedures prior to operating, developing medical devices, imaging, robotics and 3D printing. Panellists will provide an insight into their research and developments to date and will discuss future applications, challenges and the benefits for patients.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Panellists:</strong> Prof Richard Satava, Professor of Surgery, University of Washington Medical Center, Prof Peter Barlis, Interventional Cardiologist, St Vincent’s Hospital, Prof Sunita Chauhan, Professor, Department of Mechanical and Aerospace Engineering and Director, Mechatronics Program, Monash University</td>
</tr>
<tr>
<td></td>
<td>Evening</td>
<td>Exhibition Hall, Bays 11 and 12</td>
<td>Social Function</td>
</tr>
<tr>
<td>1700-1900</td>
<td>Congress Welcome Reception</td>
<td>Exhibition Hall, Bays 11 and 12</td>
<td>SimFringe Speed Networking (1730-1830)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ISAGA Free Papers</td>
</tr>
</tbody>
</table>
### Business Games

**Chair:** John Welsh, Chief Executive Officer, The Serious Games Consultancy and Project Manager, BISIM Training, Elbit Systems of Australia

**Long Oral Presentation**

**Simulation and Gaming in New Product Development**

W.M. Ruwan M. Wessinghe, Thammasat University

**Long Oral Presentation**

**Milk Product Supply Chain Management Game for Waste Reduction**

Hajime Mizuyama, Aoyama Gakuin University

**Long Oral Presentation**

**Identifying Moral and Ethics in Business Ethics Teaching in a Simulation Context**

Luiz Antonio Titton, University of Sao Paulo

**Long Oral Presentation**

**Development of Business Simulation Game with Use of Design Science Research**

Michal Jakubowski, Kozminski University

### ISAGA Workshop

**697**

**SysTeamsChange® - Simulation Game for Leadership and Change Management**

**Overview:**

This workshop will discuss the design, facilitation and debriefing of the simulation game SysTeamsChange. Participants will be given the opportunity to have a short demo play experience. Case examples will be presented of the application of the game for university students, change management consulting in companies, executive training, leadership coaching and for the support of large transformation processes of organisations. The presenters will show how the game artefact (design in the small) is interconnected with the change of organisations and dysfunctional situations (design in the large) according to Klubbers terminology. They will discuss how the design was carried out according to the model of Duke and Geurts.

**Presenter:** Prof Willy Kriz, Vorarlberg University of Applied Sciences

**Werner Manahl, Vorarlberg University of Applied Sciences**

### Innovation Showcase

**Bohemia Interactive Simulations**

**Title:** Leveraging the latest enhancements in the Virtual Battlespace (VBS3)

**Overview:**

For over a decade Bohemia Interactive Simulations (BISim) has successfully delivered computer game technology to the military simulation industry, and this brief overview will describe recent innovations to leverage this technology in new domains and use cases. Notable examples include extending VBS technology to a whole-earth paradigm and enabling VBS to operate as a high performance image generator. BISim is also at the forefront of developing an open game-based architecture and this effort will also be presented.

**Presenter:** Peter Morrison, Co-CEO, Bohemia Interactive Simulations
**WEDNESDAY 28 SEPTEMBER 2016**

<table>
<thead>
<tr>
<th>Time</th>
<th>Plenary 3</th>
<th>Meeting Room 207</th>
<th>Meeting Room 208</th>
<th>Meeting Room 209</th>
</tr>
</thead>
<tbody>
<tr>
<td>0730-0815</td>
<td></td>
<td>ASSH Paediatric Special Interest Group Breakfast</td>
<td>ASSH Rural Special Interest Group Breakfast</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Breakfast Sponsored by: Medipaq</td>
<td>Breakfast Sponsored by: Laerdal</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chair: Dr Iain Mould, Senior Lecturer, Curtin University</td>
<td>Chair: Kellie Britt, Lecturer, Medical Education and Simulation, Deakin University</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Open Invitation to Delegates. Suitable for Delegates interested in paediatric and/or neonatal simulation.</td>
<td>Open Invitation to Delegates. Suitable for Delegates interested in rural simulation settings.</td>
<td></td>
</tr>
</tbody>
</table>

**Session 1 0830-1000**

**Engineering Safety, Security and Efficiency through Fire and Evacuation Simulation**

**Chair:** Dr Michael McGarity, Co-Convenor, SimTec and Chief Engineer, Northrop-Grumman

**Keynote Presentation**

**Speaker:** Prof Edwin Gaine, Director, Fire Safety Engineering Group (FSEG) and Vice Chairman, International Association of Fire Safety Science, University of Greenwich

**Overview:**

Advanced computer simulation of fire and evacuation is used in the design of modern structures to ensure enhanced safety - in the event of an emergency, security - providing protection from terrorist inspired incidents, and efficiency - in terms of flow of people in crowded spaces. This presentation will briefly discuss recent research to enhance fire and evacuation simulation including: evacuation of high-rise buildings using lifts, the impact of security bollards on evacuation, improving wayfinding in complex buildings, human behaviour in domestic fire situations and coupled fire and evacuation simulation. New applications in large urban-scale evacuation scenarios will also be considered.

**Panel Discussion**

**Panelists:**

- Andrew Hart, Solid Propellant Discipline Lead, Weapons and Combat Systems Division, Defence Science and Technology Group
- Hank van Ravesenth, Principal Manager, Fire Risk Management Unit, Department of Health and Human Services
- Prof Vicky Knowles, Director, Centre for Environmental Safety and Risk Engineering (CESARE), Victoria University
- Deputy Chief Officer David Yousef, Regional Director, North West Metro Region, Metropolitan Fire Brigade
- Sharon Clipperton, Mater Health Services
- Stephanie Barwick, Mater Health Services

**Presenters:**

**IP**

**Chair:** Tess Yaver, Director of Clinical Education and Simulation, Epworth HealthCare

**Overview:**

This workshop will explore expert opinion using a modified Delphi technique to establish a shared understanding of the concepts and issues of simulation professionalism. It will assist in constructing a framework encapsulating "simulation the profession." Linstone and Turoff describe Delphi as: "Delphi may be characterized as a method for structuring a group communication process so that the process is effective in allowing a group of individuals, as a whole, to deal with a complex problem. To accomplish this "structured communication" there is provided: some feedback of individual contributions through the healthcare environment. In this testing is an ideal way to ensure patients number of these casualties are prepared for..." The Inaugural FameGame?

**Breakfast Sponsored by:**

ASSH Rural Special Interest Group Breakfast

**Presentation:**

Medical student preparedness for internship improves after interprofessional simulation - based ‘ward calls’ course

**Chair:** Dr Jane Tetre, The University of Auckland

**Overview:**

Development of an interprofessional simulation (IP-sim) program for rural based medical students using the plan do study act cycle

**Vanessa Jane Ryan, Flinders University Rural Clinical School**

**561**

**Oral Presentation**

**Development, delivery and reflections of an interprofessional neonatal simulation (NSP) and simulation train the trainer (STT) program in India**

**Dr Jeni Sokol, The Royal Children’s Hospital Melbourne**

**562**

**Oral Presentation**

**The transformation of paediatric resuscitation training in a mixed emergency department using simulation**

**Ben Lawton, Children’s Health Queensland**

**Chair:** Dr Michelle Kelly, Director, Education and Simulation, Deakin University

**Of Simulation**

**A/Prof Michelle Kelly, Director, Education and Simulation, Deakin University**

**572**

**Oral Presentation**

**Six steps to coaching Oscar performances from undergraduate nursing students in simulation: An action research study**

**Dr Gwen Unlelaine Erkm, Auckland University of Technology**

**573**

**Oral Presentation**

**Student led scenarios: The undergraduate student as simulation teacher**

**Andrea Thompson, University of Queensland**

**574**

**Oral Presentation**

**Undergraduate simulation**

**Chair:** A/Prof Michelle Kelly, Director, Community of Practice, Curtin University

**575**

**Oral Presentation**

**Medicare students’ experiences of being ‘in role’ in simulated nursing practice as the recipients and providers of nursing care**

**Nancy Lorraine McNamara, Waikato Institute of Technology**

**576**

**Oral Presentation**

**A staffed high-technology/fidelity simulation re-do station - Does it increase nursing students’ learning? - A topic review**

**Liz McNeill, Flinders University**

**577**

**Oral Presentation**

**Simulation: A profession?**

**Chair:** Dr Michael McGarity, Co-Convenor, SimTec and Chief Engineer, Northrop-Grumman

**Overview:**

Simulation may be characterized as a method for structuring a group communication process so that the process is effective in allowing a group of individuals, as a whole, to deal with a complex problem. To accomplish this “structured communication” there is provided: some feedback of individual contributions through the healthcare environment. In this testing is an ideal way to ensure patients number of these casualties are prepared for..." The Inaugural FameGame?

**Breakfast Sponsored by:**

ASSH Rural Special Interest Group Breakfast

**Presentation:**

Medical student preparedness for internship improves after interprofessional simulation - based ‘ward calls’ course

**Chair:** Dr Jane Tetre, The University of Auckland

**Overview:**

Development of an interprofessional simulation (IP-sim) program for rural based medical students using the plan do study act cycle

**Vanessa Jane Ryan, Flinders University Rural Clinical School**

**561**

**Oral Presentation**

**Development, delivery and reflections of an interprofessional neonatal simulation (NSP) and simulation train the trainer (STT) program in India**

**Dr Jeni Sokol, The Royal Children’s Hospital Melbourne**

**562**

**Oral Presentation**

**The transformation of paediatric resuscitation training in a mixed emergency department using simulation**

**Ben Lawton, Children’s Health Queensland**

**Chair:** Dr Michelle Kelly, Director, Education and Simulation, Deakin University

**572**

**Oral Presentation**

**Six steps to coaching Oscar performances from undergraduate nursing students in simulation: An action research study**

**Dr Gwen Unlelaine Erkm, Auckland University of Technology**

**573**

**Oral Presentation**

**Student led scenarios: The undergraduate student as simulation teacher**

**Andrea Thompson, University of Queensland**

**574**

**Oral Presentation**

**Undergraduate simulation**

**Chair:** A/Prof Michelle Kelly, Director, Community of Practice, Curtin University

**575**

**Oral Presentation**

**Medicare students’ experiences of being ‘in role’ in simulated nursing practice as the recipients and providers of nursing care**

**Nancy Lorraine McNamara, Waikato Institute of Technology**

**576**

**Oral Presentation**

**A staffed high-technology/fidelity simulation re-do station - Does it increase nursing students’ learning? - A topic review**

**Liz McNeill, Flinders University**

**577**

**Oral Presentation**

**Simulation: A profession?**

**Chair:** Dr Michael McGarity, Co-Convenor, SimTec and Chief Engineer, Northrop-Grumman

**Overview:**

Simulation may be characterized as a method for structuring a group communication process so that the process is effective in allowing a group of individuals, as a whole, to deal with a complex problem. To accomplish this “structured communication” there is provided: some feedback of individual contributions through the healthcare environment. In this testing is an ideal way to ensure patients number of these casualties are prepared for..." The Inaugural FameGame?

**Breakfast Sponsored by:**

ASSH Rural Special Interest Group Breakfast

**Presentation:**

Medical student preparedness for internship improves after interprofessional simulation - based ‘ward calls’ course

**Chair:** Dr Jane Tetre, The University of Auckland

**Overview:**

Development of an interprofessional simulation (IP-sim) program for rural based medical students using the plan do study act cycle

**Vanessa Jane Ryan, Flinders University Rural Clinical School**

**561**

**Oral Presentation**

**Development, delivery and reflections of an interprofessional neonatal simulation (NSP) and simulation train the trainer (STT) program in India**

**Dr Jeni Sokol, The Royal Children’s Hospital Melbourne**

**562**

**Oral Presentation**

**The transformation of paediatric resuscitation training in a mixed emergency department using simulation**

**Ben Lawton, Children’s Health Queensland**

**Chair:** Dr Michelle Kelly, Director, Education and Simulation, Deakin University

**572**

**Oral Presentation**

**Six steps to coaching Oscar performances from undergraduate nursing students in simulation: An action research study**

**Dr Gwen Unlelaine Erkm, Auckland University of Technology**

**573**

**Oral Presentation**

**Student led scenarios: The undergraduate student as simulation teacher**

**Andrea Thompson, University of Queensland**

**574**
Deputy Chief Officer David Youssef, Regional
Prof Vasily Novozhilov, Director, Centre for
and Human Services
Andrew Hart, Solid Propellant Discipline
Panel Discussion
coupled fire and evacuation simulation. New
behaviour in domestic fire situations and
of high-rise buildings using lifts, the impact
crowded spaces. This presentation will briefly
and efficiency - in terms of flows of people in
protection from terrorist inspired incidents,
event of an emergency, security - providing
structures to ensure enhanced ; safety - in the
Overview:
Science, University of Greenwich
Engineering Group (FSEG) and Vice Chairman,
Speaker:
SimTecT and Chief Engineer, Northrop
and Efficiency through Fire and
SimTecT Plenary
Plenary 3

Students' Learning? - A Topic
A Staffed High-Technology/
Oral Presentation
Simulated Nursing Practice as
Undergraduate Students'
Oral Presentation
Chair:
Kellie Britt, Lecturer, Medical
Presenter:
be invited to give informed permission for
development of ideas and participants will
This interactive session will involve
individual responses. "
"Delphi may be characterized as a method for
capsulating "simulation the profession."
Linstone and Turoff describe Delphi as:
and issues of simulation professionalism.

Historically, new hospitals transfer existing
organisational policies and procedures to
the new location, predicting that workflows
and patient activity flow will reflect
similar processes. Mater Health Services
(MHS) incorporated process and education
simulation activities as part of the new
hospital orientation at Mater Private
Hospital Springfield (MPHS). Whether it is
opening a new service, a new building or an entire
hospital process simulation
testing is an ideal way to ensure patients
and staff are able to effectively
through the healthcare environment. In this
'How to' workshop, our simulation team
will share their experiences coordinating
the simulation activities for MPHS, as
well as their engagement in other process
testing areas across Mater Health Services.
Following this presentation, the team will
facilitate participants to 'workshop' their
own process testing issues. A template
to design, implement and evaluate their
own simulation testing opportunity will
be provided as utilised in the MPHS project
and other projects.

Presenters:
Melanie Barlow, Mater Health Services
Stephanie Barwick, Mater Health Services
Sharon Clipperton, Mater Health Services
Robyn Dickie, Mater Health Services
Pauline Lyon, Mater Health Services

Meetings Room 217
SimHealth Workshop

Meeting Room 218
ASSH Simulated Patients Special Interest Group Breakast
Sponsored by: Health Education Australia Limited (HEAL)
Chair: Beverley Sutton, Chief Executive Officer, Health Education Australia Limited (HEAL)
Open Invitation to Delegates. Suitable for Delegates interested in simulated patient methodology

Meeting Room 219
ASSH Technology Special Interest Group Breakfast
Sponsored by: iSimulate
Chair: Luke Warrenright, Simulation Manager, Clinical Skills Development Service
Open Invitation to Delegates. Suitable for Delegates interested in simulated patient methodology

Meeting Room 216
SimHealth Works in Progress

Chair: Ted Adams, Manager, Rural Mobile Simulation Centre, HETI

549
Oral Presentation
Rehearsing the Very Technical Skills of Communication in Breaking Bad News: Analysis of Medical Student Performance
Pam Harvey, Monash University Rural Health School

540
Oral Presentation
Development, Implementation and Evaluation of an Integrative Approach to Patient Centred Clinical Communication Education for First Year Nursing Students
A/Prof Debka I Karpdalde, Holmestegen Institute

538
Oral Presentation
Bespoke Manikins for Trauma Simulation - build your own!
Clare Danne Scott, Gold Coast Health

532
Oral Presentation
Better for Less. Effective Chest Compressions Save Lives but They Can Also Save Money too. Translational Research Project Delivers Better Outcomes at a Lower Cost
Amadou Jane Post, Cabrim

494
Oral Presentation
The Take Home Box Trainer Project: Trainee Evaluation of the First Year
Dr Michael Yu, Mater Mothers' Hospital

Meeting Room 217
SimHealth Postsers

Meeting Room 218

Meeting Room 216
SimHealth Workshop

556
A How to Guide: The Design, Implementation and Evaluation of 24 Hours of Concurrent Process and Educational Simulation Activities to Train and Orient Staff Prior to a New Hospital Opening
Overview:
When opening a new healthcare facility, there are many operational, human resource and patient related considerations. Historically, new hospitals transfer existing organisational policies and procedures to the new location, predicting that workflows and patient activity flow will reflect similar processes. Mater Health Services (MHS) incorporated process and education simulation activities as part of the new hospital orientation at Mater Private Hospital Springfield (MPHS). Whether it is opening a new service, a new building or an entire hospital process simulation testing is an ideal way to ensure patients and staff are able to effectively
through the healthcare environment. In this 'How to' workshop, our simulation team will share their experiences coordinating the simulation activities for MPHS, as well as their engagement in other process testing areas across Mater Health Services. Following this presentation, the team will facilitate participants to 'workshop' their own process testing issues. A template to design, implement and evaluate their own simulation testing opportunity will be provided as utilised in the MPHS project and other projects.

Presenters:
Melanie Barlow, Mater Health Services
Stephanie Barwick, Mater Health Services
Sharon Clipperton, Mater Health Services
Robyn Dickie, Mater Health Services
Pauline Lyon, Mater Health Services

Meeting Room 218

The Inaugural FameGame Competition
Sponsored by Academy of Interactive Entertainment
Chair: Adrian Webb, SGCCA Convenor, Australian Simulation Congress and Manager of Virtual Worlds, Australian Defence Simulation and Training Centre
Overview:
FameGame is a chance to put your pitching
talent to the test. Before the conference, people
were invited to submit their ideas for a game
based on their research or chosen field of
expertise. Selected applications will get 3
minutes to pitch their game to a panel of game
developers and receive feedback to assist them
with taking their idea further. The best game
idea as judged by the panel will be crowned the
winner!

Judges:
Dr Michael Barlow, Deputy Head of School, School of Engineering and IT, UNSW
James Bonner, Director, Opague Multimedia
Tuan Hughes, Game Programming Lecturer, Academy of Interactive Entertainment
Paul Stoppelberg, Chief Operating Officer, Weald Picked Cactus
Ross Symons, Chief Executive Officer, Big Art Studies
John Welsh, Chief Executive Officer, The Serious Games Consultancy and Project Manager, BMS-SIM and Training, Ebit Systems of Australia

The Naked Truth About Games and Simulation
Chair: Adrian Webb, SGCCA Convenor, Australian Simulation Congress and Manager of Virtual Worlds, Australian Defence Simulation and Training Centre
Overview:
Collaboration between various industries can deliver beneficial outcomes, but it’s not always smooth sailing. Behind the scenes stories, there are always cultural hurdles, miscommunication and lessons learnt. Come and listen to people who have worked on these types of projects share these experiences. Giving both perspectives as to how the partnership started, some major challenges faced throughout the project, and how they overcame them to deliver a successful result.

Speakers and Projects:
Liam McGuire, Director, Design Lead, Opague Multimedia and Dr Tanya Petrovich, Business Development Manager, Learning and Development, Alzheimer’s Australia VIC - Virtual Dementia Experience.
More speakers and projects will be announced on the day!

Meeting Room 219
ISAGA Panel

Meeting Room 216

Exhibition Hall

Exhibition Hall

YITEK
Title:
Extrace - Automated AAR using Computational Intelligence
Overview:
Use of Automated AAR in Defence Training contexts using Computational Intelligence. Extrace is environment agnostic and is designed to be a portable technology/product framework that can be adapted to many domains.
Presenter:
Richard Yarnier, RARO Programs Lead, YITEK

DMS Precinct (Booth 40)
(0915-1000)

Vignette 5: Non-Combatant Evacuation Operation 2
Overview:
Troops from the Amphibious Task Group arrive at the EAA and begin treating a number of medical cases. After triage, a number of these casualties are prepared for MEDEVAC to the LHD.
<table>
<thead>
<tr>
<th>Time</th>
<th>Session 2</th>
<th>1030-1200</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Emergency Management Case Studies Panel</td>
<td>Chair: Prof Sanjiv Nahavandi, Director, Institute for Intelligent Systems, Research and Innovation, Deakin University</td>
</tr>
<tr>
<td></td>
<td><strong>Overview:</strong></td>
<td>This Emergency Management Case Studies Panel is an opportunity to hear from leaders in the sector who will describe case studies and examples of investment in simulation, the business case that led to that investment, lessons learned, challenges and future expectations.</td>
</tr>
<tr>
<td></td>
<td><strong>Panellists:</strong></td>
<td>Conrad Barr, Executive Director, ACT Health Protection Service</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mark Crosswell, Director General, Emergency Management Australia</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Brett Patterson, International Training Coordinator, Red Cross</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lew Short, General Manager Risk, Consequence and Resilience, Emergency Management Victoria</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Marcus Thaddeus, Research Scientist, Weather, Regional Climate Variability and Extremes, CSIRO Oceans and Atmosphere</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Plenary 3</th>
<th>1000-1030</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Joint SimTec and ISAGA Panel</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Meeting Room 207</th>
<th>1000-1030</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SimHealth Free Papers</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Meeting Room 208</th>
<th>1000-1030</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SimTec Presentation &amp; Free Papers</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Meeting Room 209</th>
<th>1000-1030</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SimTec Free Papers</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Lunch</th>
<th>1200-1330</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Plenary 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ASSH Members Meeting</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Meeting Room 207</th>
<th>1200-1330</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Meeting Room 208</th>
<th>1200-1330</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Meeting Room 209</th>
<th>1200-1330</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Plenary 3</th>
<th>1200-1330</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ASSH Members Meeting</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Meeting Room 207</th>
<th>1200-1330</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Meeting Room 208</th>
<th>1200-1330</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Meeting Room 209</th>
<th>1200-1330</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**WEDNESDAY 28 SEPTEMBER 2016**
Cultural Amalgam: Diversity Within Sim-Teams and Diverse Student Cohorts - How to Achieve Best Learning Outcomes?

Overview:
Optimising learning outcomes in high-fidelity simulations necessitates understanding of two dimensions in cultural diversity. First is how the simulation team faculty adapt among themselves (the teaching faculty and the tech support team). Next is how culturally diverse student cohorts participate in active collaborative learning in authentic learning environments. As simulation sessions are time/session limited there is enormous pressure in presenting the curricular content for rapid assimilation and application of knowledge in a controlled environment. For the learning to be optimal and controlled, both the faculty and the students need to learn to adapt with the cultural diversity, range of dominance or passivity and learn from each other. This workshop is designed to introduce the participants to the perils of the diversity in simulation faculty and will be guided to address conflicts and propose solutions. The participants will be introduced to problems with diverse student cohorts such as dominance, passivity, learning capabilities and level of comprehension.

Presenters:
Dr Balakrishnan Ashokka, National University of Singapore
A/Prof Michelle Kelly, Curtin University
Dr Nurredin Kunchesamy, Taylor’s University Malaysia

Preparing for Peer Review - What do Reviewers Look for?

Overview:
This workshop will prepare the participants for the submission, peer review and response process. The workshop will explain what reviewers look at when examining a submission for a publication or conference. It will suggest how to do justice to the hard work of designing a study or education program by describing your education and research in a way that engages the audience to find out more. Participants will have the opportunity to practice reviewing and re-crafting a simulated abstract.

Presenter:
A/Prof Stuart Marshall, Australian Centre for Health Innovation

Evaluation of the Austin MET-Sim Project: a Self-Improving, Inter-Professional Medical Emergency Team Simulation Education Program

Chair: Maurice Le Guern, Austin Health

An Interprofessional Transition Program Using Simulation to Support and Train Novice Health Care Teams

Presenter:
Robyn Dicker, McLaren Health Services

Leading Thomas up the Garden Path: Developing an Interprofessional Audio Visual Simulated Learning Resource

Presenter:
Jane Coffey, University of South Australia

Interprofessional Clinical Leadership for Nurses of the Future

Presenter:
Diann C Marshall, The University of Auckland

Can Low Cost Simulation Embed Patient Centred Goal Setting in Stroke Rehabilitation for Junior Physiotherapists?

Presenter:
Jill Game, SA Health

Another Kind of Hybrid: Can an Online Adaptive Learning Platform be Successfully Integrated into a Patient-Centred Simulated Learning Environment?

Presenter:
Dr Neil Tuttle, Griffith University

Developing OSCE and Simulation in Psychology - a Novel Approach to Simulation Based Assessment as a Learning Tool

Presenter:
Dr Simon Patterson, The University of Adelaide

Emergency Masterclass: an Interprofessional Simulation Education Program for Rural Clinicians

Presenter:
Tod Adams, MET

The Future of Games Based Training

Chair: Deanna Hutchinson, Congress Executive, Australian Simulation Congress and Founder, Diverse Disruption

Overview:
This panel will discuss the evolution and research which is at the forefront of serious game based training. Panellists will explore trusted autonomous game based training, dynamic behavioural analysis and user engagement. Others will predict the future of game based technology - and inspire our community to harness its explosive potential.

Panelists:
Dr Michael Radlow, Deputy Head of School, School of Engineering and IT, UNSW
Dr Justin Fidock, Simulation and Training Lead, Land Division, Defence Science and Technology Group
Peter Morrison, Co-CEO, Bohemia Interactive Simulations
John Welch, Chief Executive Officer, The Serious Games Consultancy and Project Manager, BMS-SIM and Training, Ebit Systems of Australia

Innovation Showcase (1130-1200)

Pitch Technologies

Title:
How to Build a Simulation and Training Cloud using Open International Standards

Overview:
The elastic cloud, public or private, is a promising technology for deploying and delivering the next generation of training. Gone are the days of buying and configuring expensive computers that soon become dated. Elastic CPU and storage resources are readily available. Training can be delivered as a service to training audiences anywhere. Data and scenarios are easily shared. This short innovation seminar presents some practical experiences as to how this can be achieved, for example using Amazon Cloud, CGS’s visualizers and more. Existing systems can be revisited with some modifications. Using open standards, like HLA Evolved, training solutions can be composed from components. Hybrid clouds enable composition of solutions of different security levels. Finally, opportunities, limitations and the impact on business models is discussed. The presentation would be relevant to Defence, EM and Health fields among others.

Presenter:
Bjorn Muller, Vice President, Pitch Technologies

Open Invitation to Delegates (1245-1315)
**Wednesday 28 September 2016**

<table>
<thead>
<tr>
<th>Time</th>
<th>Plenary 3</th>
<th>Meeting Room 207</th>
<th>Meeting Room 208</th>
<th>Meeting Room 209</th>
</tr>
</thead>
</table>
| 1330-1500 | **The Debriefing Challenge: Training Future Leaders with Effective Debriefing**  
Chair: Prof Robert O’Brien, Scientific Convenor, SimHealth and ASIH Specialist Community Chair, Simulation Australia  
Keynote Presentation  
Speaker:  
Dr Adam Cheng, Director, Research and Development, KidSIM Simulation Program, Alberta Children’s Hospital, Department of Paediatrics, University of Calgary  
Overview:  
As the critical ingredient in simulation-based education, debriefing has seen considerable evolution and advancement based on emerging evidence and new frameworks. This session will highlight the current evidence supporting effective debriefing practices in simulation-based education and provide practical strategies to implement these practices. The session will also explore how debriefings can be used to develop future leaders by purposefully addressing key practices of exemplary leadership.  
Panellists:  
Dr Chad Epps, President, Society for Simulation in Healthcare  
Jennifer Keast, Academic, Royal Melbourne Clinical School, University of Melbourne  
Dr KT Waxman, Director, Executive Leader, Doctor of Nursing Practice Program, University of San Francisco | Analytics, It's More Than Just a Game  
Chair: Dr Adrian Webb, SCSA Convenor, Australian Simulation Congress and Manager of Virtual Worlds, Australian Defence Simulation and Training Centre  
Overview:  
Big Data is a word that has become part of our vernacular within simulation and computer systems in general. Some fear it, some embrace it, but all want to harness it. One way we can do this through analytics and the games industry are leaders in this space. With large user sets and data points coming back from their games, interpreting this information correctly helps with game balance, and can be used to plan and predict future updates and their effects. What are some key points to allow this to happen, how do they decide which aspects are relevant, and how can other industries utilise lessons learnt to apply them to their own systems? | Practical Serious Games  
Chair: Dr Elysabeth Leigh, Director, FutureSearch  
**Long Oral Presentation**  
Simulation Game Impacts on Perceptions of Nuclear Energy  
Dr Stephan J. Francis, Osaka University  
**Long Oral Presentation**  
A Serious Game for Eliciting Tact Strategies for Dynamic Table Assignment in a Restaurant  
Hajime Mizuyama, Aoyama Gakuin University  
**Long Oral Presentation**  
Artillery Simulation as a Pedagogical Tool in Military Education  
Dr Bjorn Persson, Swedish Defence University | Application of Modelling and Simulation  
Chair: Kenny Macleod, Director, TMN Simulation  
**Oral Presentation – Short Paper**  
Modelling the Complexity of RAN Training Pipelines: A System Dynamics Approach  
LCDR Victoria Anitova, Royal Australian Navy  
**Oral Presentation – Long Paper**  
Sink or SWMM: Simulating the Hydrological Effects of Retention Tanks in a Small Urban Catchment  
Richard James Benedict Gale, University of South Australia  
**Oral Presentation – Long Paper**  
Challenges and Solutions for Integrating Simulation into a Transportation Device  
Christopher Graham Bosomworth, CDUniversity  
**Oral Presentation – Short Paper**  
Securing Multiple Simulation Exercises in a National Defence Context  
Doug Stapleton, Highlands Information Security |
| 1500-1530 | **Aft. Tea** | SimulationWeek Meeting |  
Open Invitation to Delegates |
### Session 4 1530-1700

**Distributed Mission Training**

**Chair:** Shawn Parr, Chief Executive Officer and Founder, Calytrix Technologies  
**Overview:**

With the integration of Live, Virtual and Constructive (LVC) systems and the application of Distributed Mission Training (DMT), delivering ‘at the point of need’ has been achieved at the technical level. The next challenge is supplying these high-end simulation capabilities on demand, in a cost effective and repeatable manner. This panel will introduce the concepts of DMT, today’s challenges and discuss some of the technologies that will truly make DMT a commodity.

**Panellists:**

- GPCAPT Bernard Grealy, Director of Simulation and Training Centre  
- Dr Tim Pokorny, Engineering Fellow, TitanIM  
- Alina Miranda, Curtin University  
- Dr Sissel Eikeland Husebo, University of Stavanger

---

### Evening

**Victory Room, Etihad Stadium**

**Social Function**

1815-2315  
**Simulation Australasia Annual Awards Dinner**
### SimHealth Workshop

**Title:** Laerdal Theme Editor Workshop

**Overview:** The Laerdal Theme Editor Workshop is an interactive hands-on programming option for beginners and people who want to quickly program their own simulation activity. During this session, participants will use their own laptop PC to develop a theme for a SimPad compatible manikin. Themes created can be taken back to the participant’s workplace for use. Participants are encouraged to come to the session with a laptop PC and a scenario in mind so that the Laerdal educational team can ensure their scenario is a success. SimPad Theme Editor software can be downloaded in advance from www.laerdal.com/ThemeEditor

**Presenter:** Amy Deursley, Laerdal

---

### Exhibition Hall

**Title:** History of HAL: Tetherless to Ventilation

**Overview:** This presentation will give an overview of the development of HAL, the first fully integrated artificial lung. It will cover HAL’s ability to simulate complete, live thoracic management using a ventilator and经皮肺气肿(B-line)。HAL provides immediate feedback linked with captured video and simulation data. Please join us and see how B-Line Medical can help you to do more with what you already have in your simulation centre.

**Presenter:** Lucas Huang, Co-Founder, B-Line Medical

---

**Title:** B-Line Medical

**Overview:** B-Line Medical will showcase its SimCapture Node solution and demonstrate DebriefCast, one of the latest systems for simultaneously capturing and debriefing in-situ. Participants will be able to interactively engage and see how direct in-room observation can seamlessly translate into meaningful feedback linked with captured video and simulation data. Please join us and see how B-Line Medical can help you to do more with what you already have in your simulation centre.

**Presenter:** Lucas Huang, Co-Founder, B-Line Medical
### Session 1 0830-1000

**Leaders in Reality: Virtual, Augmented and Mixed**

**Chair:** Sarah Hibbard, Corporate Development Manager, Consilium Technology and Ronan McRae, Human Factors Researcher, Defence Science and Technology Group

**Overview:**
The rapid advancement of Virtual Reality (VR), Augmented Reality (AR) and Mixed Reality (MR) technologies has led to an explosion of interest for their use in many industries, including gaming, health, education and Defence. This presentation brings leaders currently using VR, AR and/or MR technologies together to share their experiences and thoughts on these emerging technologies. Current trends and future projections will be discussed and the audience will have the opportunity to ask the panel questions. Concluding with a live demonstration, the seminar aims to increase awareness of these technologies and promote cross-industry networking.

**Panellists:**
- Dr Ben Haran, Senior Lecturer, Faculty of Science, Engineering and Built Environment, Deakin University
- Scott Vandonklaauw, Director, Zero Latency
- Norman Wong, Director, Business Development, Opaque Multimedia
- Adrian Webb, SGCA Convenor, Australasian Simulation Congress and Manager of Virtual Worlds, Australian Defence Simulation and Training Centre

---

**Fringe 30**

**Chair:** Luke Wamnigrew, Simulation Manager, Clinical Skills Development Service

**Short Oral Presentation**

- **Cuatro Tribus**
  - Alfonsa Atala Layum, Dinamita

**Short Oral Presentation**

- **Creating Three Dimensional Representation of Learning in Simulation**
  - Dr Ellycabeth Leigh, FutureSearch

**Short Oral Presentation**

- **Colourful Calculations**
  - Joshua Berger, The University of Sydney

**Short Oral Presentation**

- **3D Virtual Training Simulation Product**
  - Mathew Balic, ETRAIN Interactive

**Short Oral Presentation**

- **Computer Aided Video Analysis**
  - Chris Carpenter, CC Simulation

**Short Oral Presentation**

- **Stochastic Enhancement of Event-Based Simulation (SEES)**
  - Dr Steve Costa, Ballarat Health Services

**Short Oral Presentation**

- **Working as a Simulation Education Network: A ‘How To’ Guide**
  - Rodger Gorry, ACT Health

**Short Oral Presentation**

- **Simulation Based Learning and the Development of Social Work Students’ Emotional Intelligence**
  - Dr Shepard Masocha, University of South Australia

---

**SimHealth Free Papers**

**Faculty Development**

**Chair:** Prof Robert O’Brien, Scientific Convener, SimHealth and ASSI Specialist Community Chair, Simulation Australasia

**Oral Presentation**

- **Faculty Development as a Strategy for Enhancing Simulation Delivery Capacity in a Healthcare Service**
  - Catherine Lynn Dienes, Gold Coast Health

**Oral Presentation**

- **Learning Through Simulation-Based Education: a Narrative Analysis**
  - A/Prof Margaret Bratman, Monash University

**Oral Presentation**

- **Developing the use of Humour in Healthcare Education for Many Students and Users**
  - Prof Robert O’Brien, Scientific Convener, SimHealth and ASSI Specialist Community Chair, Simulation Australasia

---

**Meeting Room 206**

**Meeting Room 207**

**Meeting Room 208**

**TUESDAY 29 SEPTEMBER 2016**

<table>
<thead>
<tr>
<th>Plenary 3</th>
<th>Meeting Room 206</th>
<th>Meeting Room 207</th>
<th>Meeting Room 208</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISAGA Panel</td>
<td>Fringe 30</td>
<td>ISAGA Panel</td>
<td>SimTec Industry Brief</td>
</tr>
<tr>
<td><strong>Session 1 0830-1000</strong></td>
<td><strong>Fringe 30</strong></td>
<td><strong>Fringe 30</strong></td>
<td><strong>Project Director Status Brief</strong></td>
</tr>
<tr>
<td><strong>Leaders in Reality: Virtual, Augmented and Mixed</strong></td>
<td><strong>Chair:</strong> Luke Wamnigrew, Simulation Manager, Clinical Skills Development Service</td>
<td><strong>Chair:</strong> Luke Wamnigrew, Simulation Manager, Clinical Skills Development Service</td>
<td><strong>JP9711-1</strong></td>
</tr>
<tr>
<td><strong>Chair:</strong> Sarah Hibbard, Corporate Development Manager, Consilium Technology and Ronan McRae, Human Factors Researcher, Defence Science and Technology Group</td>
<td><strong>Short Oral Presentation</strong></td>
<td><strong>Short Oral Presentation</strong></td>
<td><strong>Chair:</strong> Alisha Fisher, Founder, Asia Pacific Simulation Alliance</td>
</tr>
<tr>
<td><strong>Overview:</strong></td>
<td><strong>Cuatro Tribus</strong></td>
<td><strong>Creating Three Dimensional Representation of Learning in Simulation</strong></td>
<td><strong>Overview:</strong></td>
</tr>
<tr>
<td>The rapid advancement of Virtual Reality (VR), Augmented Reality (AR) and Mixed Reality (MR) technologies has led to an explosion of interest for their use in many industries, including gaming, health, education and Defence. This presentation brings leaders currently using VR, AR and/or MR technologies together to share their experiences and thoughts on these emerging technologies. Current trends and future projections will be discussed and the audience will have the opportunity to ask the panel questions. Concluding with a live demonstration, the seminar aims to increase awareness of these technologies and promote cross-industry networking.</td>
<td><strong>Dr Ellycabeth Leigh, FutureSearch</strong></td>
<td><strong>Joshua Berger, The University of Sydney</strong></td>
<td><strong>Current status</strong></td>
</tr>
<tr>
<td><strong>Panellists:</strong></td>
<td><strong>Short Oral Presentation</strong></td>
<td><strong>Short Oral Presentation</strong></td>
<td><strong>ETR results and summary of Industry Questions</strong></td>
</tr>
<tr>
<td>Dr Ben Haran, Senior Lecturer, Faculty of Science, Engineering and Built Environment, Deakin University</td>
<td><strong>3D Virtual Training Simulation Product</strong></td>
<td><strong>Colourful Calculations</strong></td>
<td><strong>RFT release</strong></td>
</tr>
<tr>
<td>Scott Vandonklaauw, Director, Zero Latency</td>
<td><strong>Mathew Balic, ETRAIN Interactive</strong></td>
<td><strong>Joshua Berger, The University of Sydney</strong></td>
<td><strong>Overall schedule</strong></td>
</tr>
<tr>
<td>Norman Wong, Director, Business Development, Opaque Multimedia</td>
<td><strong>Computer Aided Video Analysis</strong></td>
<td><strong>Short Oral Presentation</strong></td>
<td><strong>Australian industry content policy</strong></td>
</tr>
<tr>
<td>Adrian Webb, SGCA Convenor, Australasian Simulation Congress and Manager of Virtual Worlds, Australian Defence Simulation and Training Centre</td>
<td><strong>Chris Carpenter, CC Simulation</strong></td>
<td><strong>Stochastic Enhancement of Event-Based Simulation (SEES)</strong></td>
<td><strong>Next major milestone</strong></td>
</tr>
<tr>
<td><strong>Presenters:</strong></td>
<td><strong>Short Oral Presentation</strong></td>
<td><strong>Dr Steve Costa, Ballarat Health Services</strong></td>
<td><strong>Q&amp;A</strong></td>
</tr>
<tr>
<td><strong>Short Oral Presentation</strong></td>
<td><strong>Working as a Simulation Education Network: A ‘How To’ Guide</strong></td>
<td><strong>Simulation Based Learning and the Development of Social Work Students’ Emotional Intelligence</strong></td>
<td><strong>Speaker:</strong> Ash Pagett, Project Director JP9711-1, Department of Defence</td>
</tr>
<tr>
<td><strong>A/Prof Margaret Bratman, Monash University</strong></td>
<td><strong>Rodger Gorry, ACT Health</strong></td>
<td><strong>Dr Shepard Masocha, University of South Australia</strong></td>
<td><strong>Overview:</strong></td>
</tr>
<tr>
<td><strong>Oral Presentation</strong></td>
<td><strong>Simulation Based Learning and the Development of Social Work Students’ Emotional Intelligence</strong></td>
<td><strong>Oral Presentation</strong></td>
<td><strong>Current status</strong></td>
</tr>
<tr>
<td><strong>Faculty Development</strong></td>
<td><strong>SimHealth Free Papers</strong></td>
<td><strong>Learning Through Simulation-Based Education: a Narrative Analysis</strong></td>
<td><strong>ETR results and summary of Industry Questions</strong></td>
</tr>
<tr>
<td><strong>Chair:</strong> Prof Robert O’Brien, Scientific Convener, SimHealth and ASSI Specialist Community Chair, Simulation Australasia</td>
<td><strong>Oral Presentation</strong></td>
<td><strong>Developing the use of Humour in Healthcare Education for Many Students and Users</strong></td>
<td><strong>RFT release</strong></td>
</tr>
<tr>
<td><strong>Oral Presentation</strong></td>
<td><strong>Project Director Status Brief</strong></td>
<td><strong>Faculty Development as a Strategy for Enhancing Simulation Delivery Capacity in a Healthcare Service</strong></td>
<td><strong>Overall schedule</strong></td>
</tr>
<tr>
<td><strong>Learner Evaluation of a Tertiary Hospital Inter-Professional Simulation Faculty Education Development Program</strong></td>
<td><strong>Alisha Fisher, Founder, Asia Pacific Simulation Alliance</strong></td>
<td><strong>Catherine Lynn Dienes, Gold Coast Health</strong></td>
<td><strong>Australian industry content policy</strong></td>
</tr>
<tr>
<td><strong>Robyn Parcell, Austin Health</strong></td>
<td><strong>Overview:</strong></td>
<td><strong>Oral Presentation</strong></td>
<td><strong>Next major milestone</strong></td>
</tr>
<tr>
<td><strong>Unique Opportunities and Challenges: Embedding and Leading Simulation Across Multiple Disciplines Within a Faculty of Health Sciences</strong></td>
<td><strong>Oral Presentation</strong></td>
<td><strong>A/Prof Margaret Bratman, Monash University</strong></td>
<td><strong>Q&amp;A</strong></td>
</tr>
<tr>
<td><strong>Alison Kelly, Curtin University</strong></td>
<td><strong>TUESDAY 29 SEPTEMBER 2016</strong></td>
<td><strong>Based Education: a Narrative Analysis</strong></td>
<td><strong>Speaker:</strong> Ash Pagett, Project Director JP9711-1, Department of Defence</td>
</tr>
</tbody>
</table>

**Morning Tea 1000-1030**
### SimTec Workshop

**528 Simulation Game, “Project PAL: Hawaii”**
Chair: Norma Robinson, Clinical Skills and Simulation Academic Coordinator, The University of Queensland Rural Clinical School

**Overview:**
“Project PAL: Hawaii” incorporates indigenous knowledge, design thinking and art to address global concerns. This presentation demonstrates how “innovation” for Native Hawaiians can engage in synchronous learnings as nascent social entrepreneurs.

“Project PAL (Place-based Active Learning)” is an original educational game for a simulated community in the workshop that engages participants in finding solution-based approaches to shared-global concerns. Based on the “glocal” (global + local) to “Think globally, Act locally” model, the goal of this game is to develop effective “well-being” strategies towards attaining a peaceful and sustainable world with "PAL” spirit which means “Passion, Action and Love.”

**Presenters:**
- Nanako Iwasa, Graduate School of Education, Hokkaido University
- Glen Makakauali'i Kila, Marae Ha'a Koa
- Cultural Learning Center

---

### SimHealth Workshop

**550 SimART™ - Rapidly Applicable Simulation on a Budget**

**Overview:**
Moulage is one of the key tools utilised in moulage for those participating in a simulation scenario. Transforming munish or simulated patients using simple effective techniques seem overwhelming. This workshop will present moulage and special effects techniques (including trauma, bruising and blood) that authentically represent reality in a timely and cost-efficient manner. This session is designed to be interactive and experiential. The participant will be able to identify and practice using makeup and equipment required to create these effects. The inaugural “SimART Olympic” gives participants the opportunity to consolidate their knowledge in a fun and competitive environment.

**Presenters:**
- Jan Roche, University of Newcastle
- Jessica Stokes-Parnish, University of Newcastle

---

### SimHealth Workshop

**615 BLOOMing ‘eck… It’s the Taxonomy of Humour: Developing the use of Humour to Enhance Simulation**

**Overview:**
Humour has been recognised as a valuable tool in healthcare education for many years with publications dating back to 1960. It is commonly used by educators in all aspects of learning, whether consciously or subconsciously. There has been limited research into its outcomes despite anecdotal high use. It is unusual that such a valuable tool has escaped research, suitable study or publication within the healthcare education field. In 1998 Ziegler hypothesised that research into the role of humour in healthcare education is made difficult by its complex nature... by the difficulty in continuing humour in controlled settings; by the importance of the setting as a component of humour; and by the difficulties in establishing outcome measures.”

**Presenters:**
- Paul Macleone, University of Adelaide
- Dr Simon Patten, University of Adelaide

---

### SimHealth Posters

**Simulated Patients**
Chair: Karen Livesay, Simulated Learning Coordinator, Victoria University

- **614 Using Simulated Patients to Teach Recognising and Responding to Clinical Deterioration**
  Nemal Atiwa, Bond University

- **617 Standardised Patient Scenarios Versus Peer-Role Play to Develop Physiotherapy Student Safety Skills in Readiness for Clinical Placement: a Controlled Trial**
  Dr Anna Phillips, University of South Australia

- **633 Culturally and Linguistically Diverse (CALD) Children and Their Families: Improving the Practice of Taking Medical Histories for Doctors and Interpreters**
  Nadine Sarah Gwendoline Alcorn, Kids Simulation Australia

---

### Innovation Showcase

**Forum8 AU**

- **639 A Framework for Learning with Simulated Participants in Competency-Based General Surgical Training (Using Sim Health Template)**
  A/Prof Bruce Woanman, Monash University

- **616 The HEAL Assessment Tool for Simulated Patient’s performance and feedback (SP-Assess)**
  Beverly Sutton, Health Education Australia (HEAL)

- **610 How to Design and Implement an Effective Human Patient Simulated Education Program**
  Libby Bancroft, Griffith University

---

**Innovation Showcase**

(0910–1000)

**Forum8 AU**

**Title:** Latest-case studies: Forum8 AU software for urban/transport simulation and driving simulation/training

**Overview:**
- Forum8, a world leader in 3D virtual reality and simulation software for urban and transport modelling, as well as driving simulation for human factors/engineering research, and driver training, will present the latest version of its software featuring new tools for quick development of the 3D world, as well as new ways of experiencing the 3D world including Oculus Rift. Case studies of recent simulation research and driver training applications from Australia and overseas will be presented, along with examples of use with evacuation simulation software Exodus (presented in a keynote and Master Class by Professor Edwine Gerbe)

**Presenter:**
- Anita Byrnes, Director, Forum8 AU
THURSDAY 29 SEPTEMBER 2016

<table>
<thead>
<tr>
<th>Session 2</th>
<th>1030-1200</th>
<th>Meeting Room 206</th>
<th>Meeting Room 207</th>
<th>Meeting Room 208</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plenary</td>
<td>SimHealth Plenary</td>
<td>ISAGA Workshop</td>
<td>Interoperability</td>
<td>Managing Simulation Training</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Operations and Joint Events</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Will This Building Work? The Rough (and Ethical) Guide to Large Scale Simulation (With Children)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chair: Jessica Stokes-Parish, Co-Convenor, SimHealth</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Keynote Presentation</td>
<td>Carrie Hamilton, Director, Education, Training and Innovation, SimCom Academy</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overview:</td>
<td>This presentation will encourage the audience to consider engaging with Simulated Patients (SPs) in testing systems and processes. Over 100 SPs assisted in assessing the full system functioning of a children’s emergency department (CED) prior to final construction of the building. A life size temporary model of the proposed CED was built, with full size walls, equipment and facilities mirroring the proposed layout. The department was staffed with a full complement of nurses, doctors and therapists, who over a 5 hour period treated 53 child SPs and accompanying simulated carers for a range of simulated illnesses and injuries. The SF presentations reflected a typical Saturday evening care mix and the entire patient journey from reception to admission or discharge was simulated in real time. Working within an ethical framework (Beauchamp, TL and Children, JF 2001) when engaging with the SPs and clinical teams underpinned the event.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Panellists:</td>
<td>Margo Collins, Simulated Patient and Research Coordinator, Department of Medical Education, Melbourne Medical School, University of Melbourne</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Karen Livesay, Simulated Learning Coordinator, Victoria University</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Beverly Sutton, Chief Executive Officer, Health Education Australia Limited (HEAL)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S89</td>
<td>A Immersive Experience Into the Power of Stimulating Senses in Simulation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chair:</td>
<td>Dr Michael McGierty, Co-Convenor, SimTec and Chief Engineer, Northrop Grumman</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overview:</td>
<td>This workshop will demonstrate the effectiveness of using low-tech adjuncts to create real-life scenarios for emergency training. Real First Aid will facilitate its own unique simulations and will incorporate participation from attendees to create an immersive, pre-hospital medical emergency. The simulation and gaming community is encouraged to get back to basics and experience the pure adrenaline rush derived from participation in a dynamic and high-pressured simulation.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Presenter:</td>
<td>Ben Krymalski, Real First Aid</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lunch</td>
<td>1200-1330</td>
<td>Plenary 3</td>
<td>Meeting Room 206</td>
<td>Meeting Room 208</td>
</tr>
<tr>
<td></td>
<td>Simulation Australasia</td>
<td>ISAGA Annual General Meeting</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Annual General Meeting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1230-1330</td>
<td>Open Invitation to Delegates</td>
<td>Open Invitation to Delegates</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Session 2

**Lunch**

**Annual General Meeting**

**Simulation Australasia**

**Plenary 3**

**Health Education Australia Limited (HEAL)**

Coordinator, Victoria University

Karen Livesay, Simulated Learning

**Panellists:**

teams underpinned the event.

Working within an ethical framework admission or discharge was simulated in real time. Working within an ethical framework admission or discharge was simulated in real time.

This presentation will encourage the audience to consider engaging with Simulated Patients to create real-life scenarios for emergency training. Real First Aid will facilitate its own training.

This panel will discuss and update the recent achievements, trends and experiences in simulation interoperability, including environmental correlation assessment and standards with a focus on the simulation training. Real First Aid will facilitate its own training.

This panel will discuss and update the recent achievements, trends and experiences in simulation interoperability, including environmental correlation assessment and standards with a focus on the simulation training. Real First Aid will facilitate its own training.

### Meeting Room 209

**SimTec Workshop**

### Meeting Room 216

**SimTec Free Papers**

### Meeting Room 217

**ISAGA Panel**

### Meeting Room 218

**ISAGA Free Papers**

### Exhibition Hall

#### Innovation Hall Showcase

**Title:** Predict and Analyze Different Scenarios (PADS.net) - web-based decision support using Simulation Modelling and Business Intelligence

**Overview:** Traditionally, simulation modelling and analysis has provided decision support from specialist analysts with software installed on their own computers. Access to these specialists is often a bottleneck in getting information to support decisions.

PADS.net is a secure web-based application that gives multiple users and stakeholders direct access to run and compare different scenarios without requiring modelling skills or IT support.

**Presenter:** Kenny Macleod, Director, TMN Simulation

####创新秀场

**Title:** The SECTRA Table: Virtual surgical anatomy rendered from CT & MRI data

**Overview:** Showcasing the power of the SECTRA table in demonstrating the anatomical basis behind any interventional procedure.

**Presenter:** Matt Jackson, Business Development Manager, Mentone Educational

### Open Invitation to Delegates

**Will This Building Work? The Cultural Learning Center**

### Open Invitation to Delegates

**SimTec Workshop**

### SimTec Free Papers

**New Research and Opportunities**

Chair: Akiha Fisher, Founder, Asia Pacific Simulation Alliance

**Oral Presentation – Short**

**Poster**

**Direction Improving Medical Device Cybersecurity**

Dr Martin R Stytz, ProSource

**Oral Presentation – Short**

**Poster**

**What About the Rest of Us - Thinking about Accessibility and Online Simulations**

Melanie Worrall, The Klevar Group

### Innovation Showcase

**Title:** Boss Level: Industries Open for Business

**Chair:** Adrian Webb, SGSSA Convenor, Australasian Simulation Congress and Manager of Virtual Worlds, Australian Defence Simulation and Training Centre

**Overview:** We have gathered leaders from both the games and simulation industries to allow you to ask the hard questions. How can small developers compete with the likes of Global primes? Are there incentives for the industries to work together? What benefits can come out of working on projects that aren’t considered entertainment games? How is the government assisting the respective industries? How can we build greater collaboration between both fields and create a stronger Australia to keep the talent local? The panel will begin by inviting each representative to talk about their respective industries and what they provide for Australia and the world. We will then open the floor and the panel to allow each to ask the questions that affect them.

**Panelists:**

Dr Teresa Cena, International Advisory Board, Asia Pacific Alliance; Chair, Games and Interactive Panel; National Executive, Australian Writer’s Guild

Alan Gibb, Head of Digital Games, Creative Victoria

Kwame Knowles, Communications and Member Services Manager, Interactive Games and Entertainment Association

John Stewart, Chief Executive Officer, Simulation Australia and Co-Chair, SEWG, Department of Defence

#### Long Oral Presentation

**Gamification in Management Accounting Research - Using Business Games & Simulations**

Matthias Bremen, Technical University of Kaiserslautern

#### Poster

**Oral Presentation – Short**

**Long Oral Presentation**

**A Management Model for Effective Team Communication in Business Simulation Games**

Anna Falaby, Kaziminski University

#### Long Oral Presentation

**Teaching Business History with a Simulation**

Anna Marta Pilos, Kaziminski University

#### Poster

**Oral Presentation – Short**

**Long Oral Presentation**

**How Does Business Simulation Game Affect Student Learning Outcome? Path Analysis Evidence from China**

Xiaowu Zhu, China University of Political Science and Law

#### Poster

**Oral Presentation – Short**

**Long Oral Presentation**

**Possibilities in Simulation**

Chair: Norma Robinson, Clinical Skills and Simulation Academic Coordinator, The University of Queensland Rural Clinical School

**Presenters:**

Nanako Iwasa, Graduate School of Education, Hokkaido University

Glen Makakauali’I Kila, Marae Ha’a Koa Cultural Learning Center

#### Poster

**Oral Presentation – Short**

**Long Oral Presentation**

**Innovations in Simulation Games**

Chair: Raelene Knowles,  Communications and Training Centre

**Presenters:**

Dr Michael McGarity, Co-Convenor, Simulation Centre, France Army Tactical Training

Major Annette Cunningham, Training Instructor

Dr Martin R Stytz, ProSource

Toward Improving Medical Device Cybersecurity

Dr Martin R Stytz, ProSource

What About the Rest of Us - Thinking about Accessibility and Online Simulations

Melanie Worrall, The Klevar Group

### Innovation Showcase

**Title:** The SECTRA Table: Virtual surgical anatomy rendered from CT & MRI data

**Overview:** Showcasing the power of the SECTRA table in demonstrating the anatomical basis behind any interventional procedure.

**Presenter:** Matt Jackson, Business Development Manager, Mentone Educational

### Innovation Showcase

**Title:** Boss Level: Industries Open for Business

**Chair:** Adrian Webb, SGSSA Convenor, Australasian Simulation Congress and Manager of Virtual Worlds, Australian Defence Simulation and Training Centre

**Overview:** We have gathered leaders from both the games and simulation industries to allow you to ask the hard questions. How can small developers compete with the likes of Global primes? Are there incentives for the industries to work together? What benefits can come out of working on projects that aren’t considered entertainment games? How is the government assisting the respective industries? How can we build greater collaboration between both fields and create a stronger Australia to keep the talent local? The panel will begin by inviting each representative to talk about their respective industries and what they provide for Australia and the world. We will then open the floor and the panel to allow each to ask the questions that affect them.

**Panelists:**

Dr Teresa Cena, International Advisory Board, Asia Pacific Alliance; Chair, Games and Interactive Panel; National Executive, Australian Writer’s Guild

Alan Gibb, Head of Digital Games, Creative Victoria

Kwame Knowles, Communications and Member Services Manager, Interactive Games and Entertainment Association

John Stewart, Chief Executive Officer, Simulation Australia and Co-Chair, SEWG, Department of Defence

**Long Oral Presentation**

**Gamification in Management Accounting Research - Using Business Games & Simulations**

Matthias Bremen, Technical University of Kaiserslautern

**Poster**

**Oral Presentation – Short**

**Long Oral Presentation**

**A Management Model for Effective Team Communication in Business Simulation Games**

Anna Falaby, Kaziminski University

**Long Oral Presentation**

**Teaching Business History with a Simulation**

Anna Marta Pilos, Kaziminski University

**Poster**

**Oral Presentation – Short**

**Long Oral Presentation**

**How Does Business Simulation Game Affect Student Learning Outcome? Path Analysis Evidence from China**

Xiaowu Zhu, China University of Political Science and Law

**Poster**

**Oral Presentation – Short**

**Long Oral Presentation**

**Possibilities in Simulation**

Chair: Norma Robinson, Clinical Skills and Simulation Academic Coordinator, The University of Queensland Rural Clinical School

**Presenters:**

Nanako Iwasa, Graduate School of Education, Hokkaido University

Glen Makakauali’I Kila, Marae Ha’a Koa Cultural Learning Center

**Poster**

**Oral Presentation – Short**

**Long Oral Presentation**

**Innovations in Simulation Games**

Chair: Raelene Knowles,  Communications and Training Centre

**Presenters:**

Dr Michael McGarity, Co-Convenor, Simulation Centre, France Army Tactical Training

Major Annette Cunningham, Training Instructor

Dr Martin R Stytz, ProSource

Toward Improving Medical Device Cybersecurity

Dr Martin R Stytz, ProSource

What About the Rest of Us - Thinking about Accessibility and Online Simulations

Melanie Worrall, The Klevar Group

### Innovation Showcase

**Title:** The SECTRA Table: Virtual surgical anatomy rendered from CT & MRI data

**Overview:** Showcasing the power of the SECTRA table in demonstrating the anatomical basis behind any interventional procedure.

**Presenter:** Matt Jackson, Business Development Manager, Mentone Educational
### THURSDAY 29 SEPTEMBER 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 3</th>
<th>Meeting Room 206</th>
<th>Meeting Room 207</th>
<th>Meeting Room 208</th>
</tr>
</thead>
</table>
| 1330-1500 | **Network Attack Modelling for Predictive Cyber Situation Awareness**  
Chair: Dr Michael McGarry, Co-Convenor, SimTec and Chief Engineer, Northrop Grumman  
Keynote Presentation  
Speaker: Dr Shandresh Jay Teng, Professor and Head of Computer Engineering, Kate Gleason College of Engineering, Rochester Institute of Technology  
**Overview:**  
As network attacks continue to evolve and become more sophisticated, automating the process of recognizing attack strategies in their early stage and prioritizing defence resources are keys to resilient cyber operation. Advances in network attack modelling draws from probabilistic graph models, social network analysis, and simulation. This talk will provide an overview on some of these advances that enable predictive instead of reactive network defence.  
**Panel Discussion**  
**Training the Future Cyber Security Workforce**  
Panellists:  
Kathy Guilt, Director, ICT/Tech Sector Development, Victorian State Government  
LUC, Lisa Davidson, Chief of Army Scholar 2016, Department of Defence  
Prof Sand Nahuwad, Director, Institute for Intelligent Systems, Research and Innovation, Deakin University  
Dr Jan Newsham, Academic Course Manager (ICT), Box Hill Institute  
Prof Udaya Varadarajan, Microsoft Chair Professor, Innovation in Computing and Director, Advanced Cyber Security Research Centre, Macquarie University  
**Surgical / Simulation Education**  
**Chair:** Prof Debra Nestel (Professor of Simulation Education in Healthcare, Monash University)  
**Comparison of the Non-Technical Skills of Surgical Trainees and Experienced Surgeons**  
Nicholas Marlow, Royal Australian College of Surgeons  
**Application of Advanced Surgical Simulation to a Limited-Resource Setting in a Developing Country**  
Dr Ramesh Mark Kataruaka, Monash Children’s Hospital  
**MonitorMyHealth (MMH): Simulation for Telehealth Enabled Smart Cities**  
Dr Sunpreev Naguleswaran, IQPlextral Systems  
**Does Immersive Simulation-Based Education (ISBE) Assist in the Demonstration of Understanding of the Importance of Teamwork and Communication in Healthcare for Senior Nursing Students Studying On-line?**  
Dr Jon Aylould, Curtin University  
**Curriculum Development**  
**Chair:** A/Prof Margaret Beamman, Director, Research Health NFEIR, Monash University  
**Oral Presentation**  
A Comparison Between Two Physiotherapy Clinical Placement Models Involving a Simulation Based Placement and a Traditional Placement: Is There a Difference in Student Competence Outcomes?  
Dr Penny Moss, Curtin University  
**Investigating the Extent Highly Realistic Moulage Impacts on Learning Outcomes in Simulation-Based Learning Environments**  
Brennen William Milne, Edith Cowan University  
**Depth of Field: Exploring Ageing Evaluation of a Digital Reflective Learning Resource**  
Gabrielle Brand, The University of Western Australia  
**A Hybrid Simulated Learning Module Combining Patient Centred-Simulation with an Adaptive Learning Platform: Student Perceptions and Impact on Clinical Placement Performance**  
Dr Kiwi Tuttle, Griffith University  |
| Aft. Tea  | 1500-1530 | Plenary 3 | Joint Closing Plenary |  
| 1530-1630 | **Simulation out of Balance**  
Entertaining Hypothetical with selected Keynote and Invited Speakers.  
**Moderators:**  
Julian van Dijk, Convenor, SimHealth and  
Dr Anjum Naweed, Scientific Convenor, SimTec  
**Closing Remarks:**  
Dr Mike Brennan, Chair, Simulation Australasia  
Todd Mason, Convenor, ISAGA  
Nicole Jones de Rooy, Convenor, SimTec  
Julian van Dijk, Convenor, SimHealth  |
Panelists and Area:
Dr Abhaya Gupta, COMSATS Institute of Information Technology, Pakistan
Dr Pallabi Chaudhuri, University of New South Wales
Dr Sreetama Banerjee, Defence Science and Technology Organisation, Australia
Dr Anjum Naweed, Scientific Convenor, SimTecT
Dr Michael McGarity, Co-Convenor, ISAGA
Chair:
A/Prof Debra Kiegaldie, Clinical Chair, ISAGA Panel
Meeting Room 209
ISAGA Panel

518 Laerdal Technical Services

Overview:
This advanced hands-on technical workshop is ideal for SimTech and operators wanting a further understanding of Laerdal simulators and troubleshooting tips specific to supporting maestra training. Numbers are strictly limited to 10 participants.

Presenter:
Gerard Ahl, Laerdal

537 Creating a Simulation Alliance or Network: Your "How to" Guide

Overview:
This workshop provides the participant with the tools needed to begin creating a regional or state-wide alliance or network for simulation users. The facilitators will guide participants through the steps necessary to build an alliance. They will share their learnings in the process and discuss sustainability models. A 10 page workbook will be provided to participants and an action plan will be established for each participant (or team) to enable them to move forward after the Congress.

Presenters:
Leonne English, Victorian Simulation Alliance
Dr KT Waxman, California Simulation Alliance

553 Rapid Cycle Deliberate Practice Compared with Immersive Simulation and Standard Debriefing for Inter-Professional Simulation-Based Education

Dr Jenni Sokal, The Royal Children's Hospital

656 Benefits of Simulation Training for Mental Health Staff following Critical Events

Mary Lennie Corran, Mackay Hospital and Health Service

555 High Volume Nursing Assessments with High-Fidelity Team Simulation: A Topic Review

Liz McNeil, Flinders University

542 Enhancing Nursing Students’ Competence through Simulation Based Health Assessment Program

Suet Lisa Wong, The Open University of Hong Kong

586