

SimTecT Health 2010: Education and Innovation in Healthcare Conference - HILTON ON THE PARK – MELBOURNE

Program at a Glance

Day	Item
Monday 30th August 2010	Pre-Conference Workshops
Tuesday 31st August 2010	Conference; Welcome Reception
Wednesday 1st September 2010	Conference; Conference Dinner
Thursday 2nd September 2010	Conference

Pre-conference Workshops - Monday 30 August 2010					
7.00am-17.00pm Registration Desk					
8.00am-12noon (morning tea 10.00am – 10.30am)	Ballroom 1 Workshop 1 Why good ideas can lead to bad results in patient safety: understand why, avoid repetition, take lessons from new directions <i>Professor Rene Amalberti</i>	Huntingfield Room Workshop 2 Facilitating learning without the use of video using the “pause and discuss” technique <i>Jennifer Hogan, Tracey Nichols and Sue Ballinger-Doran</i>	Workshop 3 withdrawn	Ballroom 2 Workshop 4 Getting started: teaching clinical skills using simulation <i>Professor Maggie Nicol</i>	La Trobe Room Workshop 5 Scripting, directing and facilitating simulation: tools and techniques <i>A/Professor Christopher Churchouse and Kirsty Freeman</i>
12 noon – 13.00pm - Lunch/Exhibition					
13.00pm – 17.00pm (afternoon tea 15.00pm- 15.30pm)	Ballroom 2 Workshop 6 Using simulation to advance patient safety and vice-versa <i>Professor Jeffrey Cooper</i>	La Trobe Room Workshop 7 Difficult debriefing - an interactive workshop <i>Dr Neil Cunningham, Dr Stuart Dilley, Julian van Dijk , Dr Con Georgakas and Matthew Williams</i>	Delacombe Room Workshop 8 Setting up a simulation centre <i>Dr Michael Seropian and Katie Walker</i>	Huntingfield Room Workshop 9 Make believe made real: the educational basis behind simulation development <i>Dr Robert O'Brien</i>	Ballroom 1 Workshop 10 Breaking bad news – from research to teaching <i>Professor Stewart Dunn and Dr Paul Heinrich</i>

Tuesday 31st August 2010

8.00am-17:00pm Hilton on the Park, Level 1 Registration Desk

8.30am-10.30am	Ballrooms 2/3 Plenary Session 1 Are We All Together Yet? Chair: Cate McIntosh Opening Remarks <i>Cate McIntosh</i> , Conference Convenor <i>Professor Stewart Dunn</i> , Professor of Psychological Medicine, University of Sydney Medical School and <i>Dr Paul Heinrich</i> , Creative Director of the Pam McLean Centre
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10.30am – 11.00am Morning Tea/Exhibition/Posters

11.00am – 12.00pm	Ballrooms 2/3 Plenary Session 2 Simulation on a Large Scale – A National and International Update Chair: Brendan Flanagan – Chair of ASSH, Associate Professor of Patient Safety, Monash University, Melbourne Developing a National Approach to Clinical Education: Embedding a Distributed Simulation Program <i>Mark Cormack</i> , CEO, Health Workforce Australia An International Perspective - Accreditation and Certification of Simulation in Healthcare Programs <i>Mary Patterson</i> , President, International Society for Simulation in Healthcare
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12.00pm – 13.00pm Lunch
Tuesday 31st of August Lunch - Meet the Experts- Ballroom 1
 Maggie Nicol, Russell Blakelock, Jeffrey Cooper, Richard Morris, Harry Owen, Mary Patterson, Guy Maddern

Stream	Policy / Resources	Surgery	Technology	Policy / Operations	Safety	Education
13.00pm-15.00pm	Ballroom 3 Papers Session 1 Investing in the Future – Where to Start? Chair: Brendan Flanagan Teaching clinical skills – why bother? <i>Maggie Nicol</i> (107) Where to invest in simulation <i>Michael Seropian</i> To infinity and beyond in a SimVan <i>Leanne Rogers</i> – (109)	Ballroom 2 Papers Session 2 Surgical Update Chair: Russell Blakelock An overview of the current state of evidence around the acquisition and retention of surgical skills both in the clinical and simulated setting <i>Guy Maddern</i> The simulated surgical skills program mobile simulation unit (MSU) <i>Meryl Altree</i> Defining and assessing surgical	Ballroom 1 Papers Session 3 Supporting Simulation with New Technology Chair: Marcus Watson Size, shape and body scan data to improve biofidelity of patient simulators <i>Daisy Veitch, Harry Owen and Chris Leigh</i> (85) Blending digital technology to enhance reflection and continuous professional development (CPD) using simulation, podcasts and the pebblepad e-portfolio	Delacombe Room Roundtable 1 Simulation Professional Training & Certification Chair: Katie Walker This session will draw on the large body of work that has been undertaken by the International Society of Simulation in Healthcare's Certification Committee. The session will be interactive with the key issues regarding certification being explored.	Huntingfield Room Workshop 1 Things that Changed my Practice: Changing Clinical Safety Behaviours without a Real Adverse Event Presenters: <i>Jennifer Weller and Jeffrey Cooper</i>	La Trobe Room Workshop 2 Building Scenarios for use in Virtual Worlds Presenter: <i>Penny Neuendorf</i>

	<p>Panel: Nigel Lyons, Michael Seropian, Maggie Nicol Peter Brooks Patrick Crookes</p>	<p>competency: a systematic review Clare Mansfield and Mohamed Khadra (49)</p> <p>Can virtual reality temporal bone simulator be used as a teaching aid to improve cadaver temporal bone dissection Yi Chen Zhao, Gregor Kennedy and Stephen O'Leary (92)</p>	<p>Suzanne Gough* and Claire Hamshire (10)</p> <p>Simulated stimulated and self efficacy measures: a pilot project evaluating the use of stimulus video clips in midwifery education Rachel Smith and Joanne Gray (47)</p> <p>Interfacing the METI emergency care simulator with Philips IntelliVue patient monitors David Liu, Dylan Campher, Noah Syroid and Dwayne Westenskow (101)</p> <p>Application and evaluation of a principled approach to designing realistic haptic drilling interaction in surgical simulators Ioanna Ioannou, Linda Stern, Gregor Kennedy, Ed Kazmierczak and Andrew Smith (53)</p>	<p>A large panel of international and national experts in the field will be there to answer questions and to give their views on this important area.</p> <p>Panel: Harry Owen Jennifer Keast Mary Patterson Dan Raemer Dylan Campher Cobie Rudd</p>		
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15.00pm-15.30pm -Afternoon Tea/Exhibition/Posters

Stream	Inter-professional training	Research, Teams	Policy and Operations	Tricks of the Trade	Debriefing / Research	Education
15.30pm-17.00pm	<p>Ballroom 2 Papers Session 4 Inter-professional Team Training Chair: Stephanie O'Regan</p> <p>Promoting high performing multidisciplinary healthcare teams Gigi Sutton, Jenny Liao, Nerina Jimmieson and Simon Restubog (4)</p> <p>Multidisciplinary crew resource management (CRM) in healthcare: attitude and behaviour change associated with classroom and simulation-based training Robyn Clay-Williams, Cate McIntosh, Ross Kerridge and Jeffrey Braithwaite (31)</p>	<p>Ballroom 1 Papers Session 5 Team Training and Assessment Chair: Brian Robinson</p> <p>Developing and evaluating an instrument to measure teamwork in healthcare Jennifer Weller, Robert Frengley, Jane Torrie, Boaz Shulruf, Brian Jolly and Kaylene Henderson (16)</p> <p>Predicting surgeons' technical competence from NOTSS behaviour ratings Steven Yule, Rhona Flin,</p>	<p>Ballroom 3 Roundtable 2 Partnerships Chair: Victoria Brazil</p> <p>This Partnerships/Collaborations roundtable discussion is intended to explore the benefits and disadvantages of partnerships including the tensions inherent in forming unlikely alliances in pursuit of a common goal.</p> <p>Through an onstage simulation, we will explore the following issues:</p>	<p>La Trobe Room Workshop 3 Development of a Paediatric Escharotomy Burns Skin</p> <p>Presenters: Davin Arthur and Trent Hyde</p>	<p>Delacombe Room Workshop 4 Introducing an Instrument for Assessing and Improving Debriefing: Training Raters to use the Debriefing Assessment for Simulation in Healthcare (DASH). Assessing and Improving the Debriefing Process is a Vital, Ongoing Component of Effective Simulation Education</p> <p>Presenter: Dan Raemer</p>	<p>Huntingfield Room Workshop 5 e-Portfolio Training</p> <p>Presenters: Harry Owen, Cyle Sprick and Alison Poot</p>

	<p>Inter-professional education in a simulated hospital environment for a resident orientation program <i>Junichi Fukamizu and Alan Lefor (46)</i></p> <p>Trauma Team Observation <i>Shelley Jeffcott</i></p>	<p><i>George Youngson, Maran Nikki, Duncan John and Simon Paterson-Brown (65)</i></p> <p>The use of communication probes to track information sharing within a team as an objective measure of team-working skills <i>Stuart Marshall, Brendan Flanagan, Julia Harrison and Ruth Hew (70)</i></p> <p>Accuracy of assessment of team performance by team members in simulated intensive care crises <i>Dr Jane Torrie, A/ Professor Jennifer Weller, Dr Rob Frengley and Dr Boaz Shulruf (87)</i></p>	<p>- who should lead a partnership or collaboration and how is this decided? - what are some of the issues that arise when collaborations are formed? - what are the decision-making processes within collaborations?</p>			
<p>17.00pm – 19.00pm Welcome Networking Drinks - Exhibition/Posters - Hilton on the Park, Level 1</p>						

Wednesday 1st September 2010

7.00am – 17:00pm Hilton on the Park, Level 1 Registration Desk

7.30am-08:45am	Delacombe Room Breakfast 1 – Rural Group Connecting and Identifying Facilitator: <i>Leanne Rogers</i>	Ballroom 1 Breakfast 2 – International Liaison Hosts: <i>Brendan Flanagan and Marcus Watson</i>
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9.00am – 10.30am	Ballrooms 2/3 Plenary Session 3 - Chair: Michelle Kelly - Nursing, Midwifery and Health lecturer and Director of Simulation and Technologies at the University of Technology - Sydney Can Mindfulness Improve Performance in the Healthcare Team? - <i>Russell Blakelock</i> , Paediatric Surgeon, Senior Lecturer in Surgery, University of Otago, New Zealand Development of a Clinical Bus: Making Simulation Mobile - <i>Professor Maggie Nicol</i> , Director of the Centre for Excellence in Teaching and Learning, City University, London UK
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10.30am – 11.00am Morning Tea/Exhibition/Poster Session – Education and Education Theory – Posters P1 – P18

Stream	Human Factors	Educational Theory	Paediatrics	Research	Innovative Education	Tricks of the Trade
11.00am – 12.30pm	Ballroom 1 Workshop 12 Understanding Violations and Boundaries in Healthcare Presenter: <i>Rene Amalberti</i>	Ballroom 3 Papers Session 6 Applying Simulation Theory to Practice Chair: <i>Leanne Rogers</i> How does the context in simulated learning effect learning <i>Monica Peddle (68)</i> Linking theory to practice using simulation: enhancing the educational experience of undergraduate physiotherapy students <i>Suzanne Gough (9)</i> Addressing learning styles and outcomes in the emerging workforce: using an e-learning and simulation-based blended learning approach to make the connections <i>Irwyn Shepherd, Pauline Farrell and Christine Baker (81)</i> Evaluating SimTools – are manikins treated differently than actors? <i>Cyle Sprick (98)</i>	Ballroom 2 Papers Session 7 Paediatrics Chair: <i>Ella Scott</i> Paediatric tracheostomy using simulation to address a critical incident <i>Ella Scott</i> Wheezy Way of Learning <i>Tracey Marshall</i> The use of simulation for cue-based learning of diagnostic expertise: are we teaching the wrong cues? <i>Marino Festa, Claire McCormack, David Schell and Mark Wiggins (102)</i> The accuracy of clinical assessments made by neonatal resuscitation team leaders in simulated scenarios <i>Izhak Nadler, Penelope Sanderson* and Helen Liley (14)</i>	Delacombe Room Workshop 6 Reviewer/Author Training Presenters: <i>Jeffrey Cooper and Dan Raemer</i>	Huntingfield Room Workshop 7 Pregnancy Suits and Simulated Patients: Managing Midwifery Emergencies Presenters: <i>Simon Cooper and Bree Bulle</i>	La Trobe Room Workshop 8 Moulage Presenter: <i>Tracey Beacroft</i>

12.30pm – 13.30pm	Wednesday 1st of September 2010 Lunch – Meet the Experts - Ballroom 1 Dan Raemer, Brendan Flanagan, Simon Cooper, Michael Seropian, Rene Amalberti, Ella Scott, Brian Robinson					
Stream	Innovation for Dissemination & Distribution	Deteriorating Patients	Research	Debriefing - Intermediate	In Situ	Tricks of the Trade
13.30pm – 15.00pm	Ballroom 1 Papers Session 8 Not Everything has to be Complex and Expensive! Chair: Dylan Campher A low-cost portable post-partum hemorrhage simulator for training birth attendants to perform bimanual uterine compression <i>Pamela Andreatta and Joseph Perosky</i> The touchy feely: a novel low cost device to provide feedback on force applied during manual palpation <i>Neil Tuttle and Guillermo Jacuinde</i> Training birth attendants using a bi-manual uterine compression simulator <i>Pamela Andreatta and Joseph Perosky</i> Using mobile phones to collect outcomes data in rural Africa <i>Pamela Andreatta and Joseph Perosky</i>	Ballroom 2 Papers Session 9 Deteriorating Patient Chair: Stuart Marshall Interactive session - discussion of applicability of low to high fidelity simulation techniques in relation to results from three studies examining nurses and midwives management of deteriorating women and patients <i>Simon Cooper</i> Empowering the RNs of tomorrow – pre and post simulation analysis of clinical skill parameters related to deteriorating patients <i>Michelle Kelly, Jan Forber, Lisa Conlon, Helen Stasa and Michael Roche (21)</i> Development of a course for patient safety with integration of story-telling and simulation to promote rapid response in pediatric wards <i>Ryoko Takahashi, Kazue Nakajima, Shigetoyo Kogaki, Yasuyuki Shinkai, Hiroko Hasegawa and Mika Nakamura (74)</i>	Ballroom 3 Papers Session 10 Ask the Experts Chair: Brian Robinson Panel: <i>John Shatzer, Brian Jolly and Dan Raemer</i> Use of simulation tools for assessment and skill development during a two-day post-graduate course on manual therapy skills <i>Neil Tuttle and Charles Hazle (38)</i> Undertaking an evaluation of a learning through observational simulation, using Kirkpatrick's model <i>Kirsty Freeman and Christopher Churchouse (76)</i> Open disclosure (OD) medication error, medical simulation and debriefing – research in progress <i>Stuart Lane (106)</i>	Delacombe Room Workshop 9 When Good Debriefing goes Bad: a workshop on recognising and addressing critical incidents in debriefing Presenters: <i>Kaylene Henderson, Jane Torrie, Rob Frengley, Mike Thomas and Jennifer Weller</i>	Huntingfield Room Workshop 10 Taking it to the Next Level: In Situ Simulation Presenters: <i>Nigel Chong, Angela McKay and Glen Williams</i>	La Trobe Room Workshop 11 Moulage Presenter: <i>Tracey Beacroft</i>
15.00pm – 15.30pm	Afternoon Tea/Exhibition/Posters					
15.30pm – 17.00pm	Ballrooms 2/ 3 Plenary Session 4 - Chair: Victoria Brazil - Staff Specialist, Emergency Medicine Royal Brisbane & Women's Hospital They Said It Would Never Happen Again!					

	<p>Panel: Heather Alexander - The Australian Medical Council Brian Jolly - Head of Department, Centre for Medical & Health Science Education, Monash University, Victoria Andrew Robinson – Anaesthetist and Senior Instructor – Southern Health Simulation and Skills Centre – Victoria Cobie Rudd - Associate Dean – Health, Edith Cowan University. Jane Torrie - Director of Simulation-Based Training, Dept. of Anaesthesiology, Faculty of Medicine and Health Sciences, University of Auckland</p>
17.00pm-18.00pm	Australian Society for Simulation in Healthcare Annual General Meeting (AGM) - Chair: Brendan Flanagan - Ballroom 1 -
19.00pm – 23.30pm	Optional Conference Dinner -Wednesday 1st of September - Pre-dinner drinks start at 7pm for a 7:30pm dinner Jim Stynes Room, MCG, located in Olympic Stand, Level 2, Melbourne Cricket Ground (MCG)

Thursday 2nd September 2010						
7.00am – 15:30pm Registration Desk						
7.30am – 8.45am	Delacombe Room Breakfast 3 Tools of the Trade – AV and More Chair: Brian Robinson	Ballroom 1 Breakfast 4 Paediatric Session – sponsored by Laerdal Chair: Marino Festa				
0.900am – 10.30am	Ballroom 3 Plenary Session 5 Chair: Marcus Watson Four Steps and Four Challenges for Making Healthcare Safer <i>Professor Rene Amalberti</i> , Senior Adviser Patient Safety, Haute Autorite de Sante, CEC Visiting Professor for 2010 Teamwork in Healthcare and Among Simulation Professionals: do you Practice what you Preach? <i>Professor Jeffrey Cooper</i> , Founder and Executive Director, Center for Medical Simulation in Cambridge Massachusetts, USA					
10.30am – 11.00am	Hilton on the Park, Level 1 Morning Tea/Exhibition/Poster Session- Patient Safety/Policy Resources/Technical – P19-P36					
Stream	Human Factors / Safety	Innovations in Education	Using Technology for innovative education	Research	Immersive	Safety
11.00am – 12.30pm	Ballroom 2 Papers Session 11 Team Training for Patient Safety Chair: Stuart Marshall Healthcare adventures <i>Jeffrey Cooper</i> Teaching crisis teamwork: immersive simulation versus case based discussion for intensive care teams <i>Robert Frengley, Jenny Weller, Jane Torrie, Kaylene Henderson and Boaz Shulruf (83)</i>	La Trobe Room Papers Session 12 Chair: Harry Owen TART: a multi-agency, multi-model simulation based approach to rural trauma education <i>Stephanie O'Regan, Ken Harrison, Glenn Sisson and Andrea Delprado (39)</i> SCIMsStudy: first report on a randomised trial of an extended case simulation to contextualise medical student learning and	Huntingfield Room Papers Session 13 Innovative Training Solutions, New Technologies Chair: Irwyn Shepherd Simulated clinical environments and virtual system engineering for health care <i>Frank Boosman and Robert Szczerba (2)</i> Scale (scaffolding learning) with twitter: ready for the	Delacombe Room Poster Round Session Chair: Christopher Churchouse Eight poster presentations, selected on the basis of scientific merit, will be presented in this session. There will be 8 minutes for each presentation including discussion.	Ballroom 1 Immersive Session 1 SimWars Round 1. A great way to explore the possibilities of immersive simulation and watch some of the world's most expert debriefers in action field a team or come along and watch from the psychological safety of your seat. What is SimWars?	Ballroom 3 Workshop 13 Speaking Up Presenters: <i>Dan Raemer and Richard Morris</i>

	<p>Human factors investigation – the next piece of the jigsaw <i>Bronwyn Shumack and Peter Kennedy (79)</i></p> <p>All talking the same language: training in human factors for anaesthetic technicians and assistants <i>Kaylene Henderson, Jane Torrie and Rob Frengley (72)</i></p>	<p>develop clinical reasoning <i>Gary Rogers, Harry McConnell, Nicole Jones de Rooy, Eleanor Milligan and Marise Lombard (56)</i></p> <p>SMASH:can simulation effectively prepare secondary students for a smash scene? <i>Leanne Rogers, Debbie Stone, Danni Spencer and Harry Owen (84)</i></p> <p>Do you want to play? Nurse academics choices regarding the use of simulation in teaching and learning <i>Andrea Miller and Rosalind Bull (41)</i></p>	<p>“tweetment”? <i>Colin Terrance, Virendra Mistry, Ray Higginson and Bridie Jones (24)</i></p> <p>Innovative and practical approach to multidisciplinary teaching in the area of thoracic surgery using simulation techniques <i>Tracey Starkey-Moore and Paula Agostini (29)</i></p> <p>Using filmed clinical simulation and audience response systems to enhance student engagement and critical reasoning skills <i>Colin Torrance, Bridie Jones and Christine Wilson (28)</i></p>		<p>SimWars is an educational event that allows healthcare teams to demonstrate their teamwork, communication and clinical management skills in a simulated clinical environment in front of a live audience in a supportive, but competitive atmosphere.</p> <p>Upon completion of each simulation encounter, three expert panelists give feedback in the form of a mini-debriefing. The audience then votes on a winner, based on their observation and expert input.</p> <p>In order to successfully facilitate SimWars, cases are crafted in a way that allows both the participants and audience members to have the best learning experience possible.</p>	
12.30pm – 13.30pm	Lunch/Exhibition/Posters					
Stream	Immersive	Theory to Practice	People / Policy	Education	Getting Started	Research
13.30pm – 15.00pm	Ballroom 1 Immersive Session 2 SimWars Grand Final	Ballroom 2 Papers Session 14 Linking Theory to Practice Chair: Robert O'Brien Presenting new protocols using simulation:organ donation after cardiac death <i>Kaylene Henderson and Rob Frengley (80)</i> Using a full-scale simulation environment to investigate how nurses remember future intentions <i>Tobias Grundgeiger, Penelope Sanderson, Cristina Beltran Orihuela, Andrea Thompson,</i>	Ballroom 3 Papers Session 15 Policy, People and Programs Chair: Irwyn Shepherd Pocket simulation centres:bringing simulation to the masses <i>Dylan Campher and Lisa McCoy (63)</i> Directors of simulation centers:who are we and what are we doing? Survey-special interest group survey of the Society for Simulation in	Delacombe Room Papers Session 16 Title Simulation and the Continuum of Education: From Undergraduate to Continuing Professional Development Chair: Christopher Churchouse Learning needs analysis to develop an ICU skills training package for junior physiotherapists using high-fidelity simulation <i>Daniel Seller (48)</i>	Huntingfield Room Workshop 14 From Nought to Simulation in 90 Minutes:How to Establish a Pre-hospital Care Simulation Facility – and Make it Work Presenters: <i>Alan Wilson, Gary Strong and Leigh Parker</i>	La Trobe Room Workshop 15 Psychometrics and Rater Training Presenter: <i>Brian Jolly</i>

		<p><i>Hamish MacDougal, Leo Nunnink and Bala Venkatesh (66)</i></p> <p>Bimanual compression simulator leads to clinical practice improvement <i>Pamela Andreatta and Joseph Perosky (33)</i></p> <p>Using simulation to orientate and train new staff in the paediatric intensive care unit <i>Andrew Heasley, Loretta Scaini and Dylan Campher (95)</i></p>	<p>Healthcare <i>John Shatzer, Pamela Andreatta and Tony Errichetti</i></p> <p>Immersive simulation instructor training and development: a systematic literature review <i>Julian van Dijk, Robert O'Brien and Geoff White (78)</i></p> <p>Developing simulation professionals: a vocational approach in a traditionally "higher education sector" health environment <i>Phillipa Neads (58)</i> (Marcus Watson presenting)</p>	<p>Acute respiratory and emergency on-call physiotherapy continuous professional development (CPD) – simulation use within the national health service (NHS) <i>Suzanne Gough*, Abebaw Yohannes and Judith Sixsmith (26)</i></p> <p>Third year nursing students learning to take histories from simulated patients <i>Jill French, Lisa McKenna, Sharyn Streitberg, Carole Gilmore and Kellie Innes (86)</i></p> <p>Effect of targeted ICU skills training program on confidence and self-assessed competence of junior physiotherapists working in ICU <i>Daniel Sellar (50)</i></p>		
15.00pm – 15.30pm	Afternoon Tea					
15.30pm-17.00pm	<p>Ballrooms 2/3 Plenary 6 Chair: Cate McIntosh, Conference Convenor</p> <p>Research Using Simulation as a Laboratory Technique: A Current Challenge Can behaviour, even one as complex as "challenging others" be studied using simulation as a laboratory technique? Why might this work advantageously and what are the pitfalls and limitations? Are we ready to move simulation research beyond, "does simulation work" to the use of simulation as a research tool? This session will take a look at some of questions and "challenge" the attendees to grapple with their own answers. <i>Professor Dan Raemer</i></p> <p>Presentation of ASSH Awards</p> <p>Closing Remarks <i>Cate McIntosh, Conference Convenor</i></p>					

Note:

All breakfast sessions are 7:30am to 8.45am