

8th International Clinical Skills Conference, Prato Tuscany

Sunday 19th May – Wednesday 22nd May 2019



Committee Role –Conference Chair, 8th International Clinical Skills Conference

Title	Associate Professor
First name	Stuart
Surname	Marshall
Job Title	Senior Research Fellow
Institute / Division	Monash University, Department of Anaesthesia and Perioperative Medicine
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Biography (long descriptive text) – limited to 400 words	<p>Stuart is a practicing anaesthetist, simulation educator and researcher with interests in Patient Safety and Human Factors. Following his initial undergraduate training in Sheffield in the UK he has worked in the British, New Zealand and for the last 12 years, the Australian public health systems.</p> <p>He has been involved in the development of several innovative patient safety courses for both</p>

	<p>undergraduate and postgraduate students, and has supervised units for the Masters of Perioperative Medicine at Monash University in coexisting diseases and Human Factors for Patient Safety.</p> <p>Stuart is also connected to health professional education groups, having supervised students and teaching on Master of Health Professional Education and Clinical Simulation streams. He has served on the Australian Society for Simulation in Healthcare (ASSH) executive committee and the Victorian Simulation Alliance (VSA) board and is an active reviewer for Anaesthetic, Human Factors and Simulation journals and conferences. He holds editorial board positions with the Advances in Simulation, and Anaesthesia journals and is the convenor of the 8th International Clinical Skills Conference in Prato, Italy in 2019.</p>
<p>Research (long text)</p>	<p>Stuart's research includes investigation of the effects of cognitive aids (checklists and algorithms) on team functioning during emergencies and on simulation as an educational technique to teach patient safety and improve patient and health worker outcomes.</p> <p>He has helped design cognitive aids for communication, airway and anaphylaxis emergencies and tested them in simulation. These cognitive aids are now in use across Australia and New Zealand. He has researched the application of simulation to improving patient outcomes and contributed to an Australian national research agenda for simulation in health.</p> <p>He currently holds an Australian National Health and Medical Research Council (NHMRC) ECR fellowship examining the role of cognitive aids to improve team performance and patient outcomes during clinical emergencies.</p>
<p>Teaching (long text)</p>	<p>Health Professional Education: Stuart teaches and coordinates several postgraduate courses on simulation facilitation, debriefing and curriculum design. He was centrally involved in developing the standards for simulation instructors in the Australian and New Zealand College of Anaesthetists Effective Management of Anaesthetic Crises (EMAC) instructors course.</p> <p>Anaesthesia and Perioperative Medicine: He has developed and coordinated material for the Master of Medicine (perioperative medicine) at Monash University for nearly a decade on diverse subjects as airway management, obstetrics, ageing and quality and safety. The course has become the most successful Master of Medicine Course run by the university.</p> <p>Human Factors / Ergonomics: Stuart has developed and taught on units and short courses in Human Factors engineering for health</p>

	professionals and health service managers for the last 7 years
<p>Publications (long text)</p>	<p>(Representative sample of publications)</p> <p>Human Factors</p> <p>Marshall SD Helping experts and expert teams perform under duress: An agenda for cognitive aid research. <i>Anaesthesia</i> 2017; 73: 289-95.</p> <p>Schnittker R, Marshall SD, Horberry T, Young K, Lintern G Exploring decision pathways in challenging airway management episodes. <i>Journal of Cognitive Engineering and Decision Making</i> (online 21/6/17) 2017.</p> <p>Marshall SD, Sanderson P, McIntosh C, Kolawole H The effect of two cognitive aid designs on team functioning during intra-operative anaphylaxis emergencies: a multi-centre simulation study. <i>Anaesthesia</i> 2016; 71: 389-404.</p> <p>Smolenaers F, Chestney T, Walsh J, Mathieson, S., Thompson, D., Gurkan, M., Marshall, S.D. User Centred Development of a Smartphone Application for Wayfinding in a Complex Hospital Environment International Ergonomics Association. Florence, Italy, 2018 (In press).</p> <p>Anaesthesia</p> <p>Chrimes N, Marshall SD The illusion of informed consent. <i>Anaesthesia</i> 2018; 73: 9-14.</p> <p>Kolawole H, Marshall SD, Crilly H, Kerridge RK, Roessler P ANZAAG/ANZCA Perioperative Anaphylaxis Management Guidelines. <i>Anaesth Intensive Care</i> 2017; 45: 151-8.</p> <p>Education</p> <p>Nickson C, Summers I, Marshall SD. Scenario Design. In: Stanley B and Sturgess J, eds. <i>Simulation - Getting the basics right</i>. Cambridge, UK: Cambridge University Press, 2018 (In press).</p> <p>Marshall SD, McIntosh C. Strategies for managing adverse events in healthcare simulations. In: Nestel D, Kelly M, Jolly B and Watson M, eds. <i>Healthcare Simulation Education: Evidence, Theory & Practice</i>: John Wiley and Sons, 2017: 152-7.</p> <p>Marshall SD, Chrimes N Time for a breath of fresh air: Rethinking training in airway management. <i>Anaesthesia</i> 2016; 71: 1259-64.</p>
<p>Conferences / Lectures (long text)</p>	<p>Invited lecture at Whistler Anesthesiology Summit, March 2018, University of British Columbia, Canada 'Cognitive aids in anaesthetic crises'</p>

	<p>Invited South Australia and Northern Territory visiting ANZCA/ASA Burnell-José Professor for 2017 under the theme 'Critical Decision Making: Can we improve our performance?'</p> <p>Invited coordinator of the skills component of the airway workshop of the Social Media and Critical Care (SMACC) conference, Berlin, June 2017</p> <p>Invited presentation at the Health Informatics Conference: "Unintended Patient Safety Consequences of Interface Design", Melbourne, July 2016</p> <p>Invited presentation at the Australian and New Zealand College of Anaesthetists' Annual Scientific Meeting, Auckland: "Human Factors in Airway Management", May 2016</p>
<p>External links to work</p>	<p>https://research.monash.edu/en/persons/stuart-marshall</p> <p>https://www.researchgate.net/profile/Stuart_Marshall</p> <p>www.ahhfg.org</p>