

Timings	Title	Faculty	Key Content/ Learning Objectives	Room / location
1030-1530	Human Factors	Bryn Baxendale (Consultant Anaesthetist & Director, Trent Simulation & Clinical Skills Centre, Nottingham University Hospitals NHS Trust and Chair, Simulation Advisory Committee, Health Education England), Al Ross (Lecturer in Behavioural Science, Dental School, University of Glasgow), Helen Vosper (Senior Lecturer in Human Factors & Ergonomics, School of Pharmacy & Life Sciences, Robert Gordon University) and Paul Bowie (Programme Director, Safety & Improvement, NHS Education for Scotland) Local Co-ordinator: Mike Morrow	<p>The potential value of Human Factors as a science and its application to health and social care is becoming increasingly recognised at a strategic level, but there are challenges to be addressed in terms of how this can be implemented. This preconference workshop will consider a number of these issues and provide delegates with some practical advice and resources to develop within their institutions and areas of practice.</p> <ul style="list-style-type: none"> • Part 1: Human Factors versus Quality Improvement versus Organisational Development – developing an integrated approach for improvement • Part 2: Introduction to a toolkit of HF methods ('brilliant basics') • Part 3: Using simulation to design or test systems and explore the impact of complexity and everyday 'work hassles' on performance <p>The ASPIH HF SIG meeting will follow the workshop and be open to all delegates. This will offer updates on national developments and provide opportunity for attendees to share key programmes of work in which they are involved.</p>	Meeting room 1A
1030-1530	In the Hot Seat: Applying multi-phase models of debrief to experiential learning	Martin Duffy, Consultant Anaesthetist & Intensivist, Mater Hospital, Belfast Nicola Weatherup, Simulation Lead for BHSC and EM Consultant, Royal Victoria Hospital, Belfast. Colette Laws-Chapman, Lead Nurse & Deputy Director simulation at Guys & St Thomas Hospital, London, ASPIH Executive Committee Margarita Burmester, Lead Consultant Paediatric Intensive Care Unit, Director SPRinT programme, Royal Brompton and Harefield NHS Foundation Trust ASPIH Executive Committee	<p>This pre-conference workshop is an interactive learning experience with subject experts leading a multivariate timetable that includes a live simulation with audience participation.</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> - Exposure to different models of debrief for simulation based education - Interactive discussion with experts - Experience conducting a debrief in a safe supportive environment - Enhance debrief and communication skills - Explore varied approaches to engage learners - Share your experience with multidisciplinary colleagues <p>Who should attend? Healthcare educators, including those new to using simulation in education and experienced debriefers who may only know one type of debrief model</p>	Meeting room 1B
1030-1530	Tech Development Day	Led by Caroline Pugh, Belfast Trust with Samantha McCormack and Jane Nicklin	Develop your skills, get new tools and join the Sim Tech community to solve your simulation glitches. This day includes a moulage workshop, an opportunity to compare leading manikins, the first ever Sim Tech Problem Solving Clinic and plenty chances to network and exchange ideas.	Meeting room 2A

1030-1530	Top ten tips and tricks to setting up and sustaining a simulation programme	Dr Dave Wright and the Hull Institute for Learning & Simulation (HILS) team	Explore the top ten evidence-based strategies for establishing successful simulation-based practices in different healthcare and educational contexts. This will include the role of educational leadership, resource management, course design and delivery, faculty preparation and support, organisation and maintenance of facilities and equipment, and tips for trouble shooting in general. There will be a chance to tackle real life case studies of issues faced in different institutions and explore strategies to overcome them.	Meeting room 2B
1030-1530	Research Symposium – *To be held offsite at Queen's University*	Professor Gerry Gormley, Professor Bronagh Blackwood & Dr. Marian Traynor, Queen's University, to be joined by Walter Eppich, & Debra Nestel	<p>The overall aim of this pre-conference masterclass is to introduce and develop interest in carrying out quality research in simulation related practice.</p> <p>After this masterclass participants should be able to</p> <ol style="list-style-type: none"> 1. Understand the basic principles of research relating to simulation 2. Explain the difference between <i>research vs quality improvement vs evaluation</i> 3. Describe the steps of developing a research aim and question – including <ol style="list-style-type: none"> a. Problematization / purpose of the research b. Gap analysis c. What your proposed study will add? 4. Describe differences between 'quantitative' and 'qualitative' research 5. Introduce participants to different research methods and methodologies 6. Consider the next steps in developing and realising their research ideas 	This workshop is taking place offsite at Queens University Belfast – Canada Room