

Health Education England

Simulation, Innovation & Patient Safety Conference Achieving Excellence in Healthcare

Thursday 17th October 2019

FREE Multidisciplinary Conference

Opportunities for shared learning & best practice

Workshops

**Tiny Sim: Fitting a full educational
experience into a small time-frame**

Simbulance Experience

Virtual Reality

Technology Enhanced Learning (TEL)

Human Factors & Reducing Errors

Moulage

Speakers

Bryn Baxendale

Chair of Simulation Working Group,
Royal College of Anaesthetists &
Simulation Advisory & Development Committee HEE

Sukie Shinn

Project Manager for National Simulation-Based Education
(SBE) Strategy & National TEL Programme HEE

Professor Robert J. Stone

Visiting Professor in XR & Telepresence,
Extreme Robotics Laboratory, University of Birmingham

Ben Ivory

Intensive Care Consultant
National Education Lead for Organ Donation, NHSBT

**Certificates & honorarium for best oral & poster
presentations**

6 CPD credits

**Mercure Exeter Rougemont
Hotel, EX4 3SP**



Call for abstracts:

Closing date 19th August 2019

Reserve your place PenADAdmin.SW@hee.nhs.uk

Simulation, Innovation & Patient Safety Conference

Programme – Thursday 17th October 2019

09:00-09:30 *Registration & refreshments*

09:30-09:40 *Welcome*

Professor Wai Tse & Dr Dan Freshwater-Turner

09:40-10:00 *HEE's strategic overview and vision of simulation-based education (SBE)*

Sukie Shinn

10:00-10:30 *Virtual, Augmented and Mixed Reality for Healthcare
.... the Facts ... the Fiction*

Professor Robert Stone

10:30-10:50 *The National Deceased Donation Simulation Course -
Experiences of running a national simulation course.*

Ben Ivory

10:50-11:35 *Workshop 1 (Repeated in the afternoon)*

| | |
|--|--|
| Kirsty Brown | Tiny Sim: Fitting a full educational experience into a small time frame |
| Wayne Evans | Experience the Simbalance |
| Robert Stone, Nicholas Peres, Elizabeth Tooby & Julian Wright | Digital Interactive Technologies for Simulation including 4 VR stations |
| Nick Napper | Technology Enhanced Learning |
| Paul McArdle | Human Factors & Reducing Errors |
| Lisa Merrett | Moulage |

11:35-12:05 *Refreshments & viewing of HEE funded project posters*

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Simulation, Innovation & Patient Safety Conference

Programme – Thursday 17th October 2019

12:00-12:50 5 Oral presentations

| | |
|-----------------------------|--|
| Sharan Athwal | Changing work culture in Obstetrics through multi-professional human factors simulation training |
| Deborah Glennie | Using the escape room format to encourage the development of Non-technical and non-clinical Skills in the Operating Department |
| James Ross | The Great Barrier debrief: Using 360° video to enhance simulation debrief |
| Christopher Timmis | Reflections on developing in-situ simulation in both high and low resource settings |
| Johannes von Vopelius-Feldt | Improving patient safety during critical care transfers: The Transport Course |

12:50-13:40 Lunch & Poster Viewing

13:40-14:25 HEE Funded Projects

BRI Outreach Community SIM Project - Laura Harrison

South West Ambulance Service NHS Trust - Wayne Evans

Bath Falls Project - Annette Eason

14:25-15:10 Workshop 2

| | |
|---|---|
| Kirsty Brown | Tiny Sim: Fitting a full educational experience into a small time frame |
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15:10-15:50 Refreshments & Poster Presentations

15:50-16:15 Adaptive simulation: meeting the needs of the future workforce

Bryn Baxendale

16:15-16:25 Prize giving & Close

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Speakers

Professor Wai Tse



Wai graduated from Leeds University with her MBChB honours degree and first class honours intercalated BSc degree in pharmacology, and holds a postgraduate diploma in medical leadership. She was a Medical Research Council fellow and her PhD was on systemic vasculitis. Currently Wai is a consultant nephrologist and service line director, at Derriford Hospital in Plymouth, Professor of education at Plymouth University Peninsula Schools of Medicine and Dentistry, Senior Fellow of Higher Education Academy and Associate Dean for Health Education England (HEE) South West. At HEE, Wai is leading on the portfolios of quality improvement and simulation. Wai is a keen educationist and is an accredited Royal College of Physician educator, PACES examiner and member of the Royal College of Physicians specialty question writing group.

Dr Dan Freshwater-Turner



Dan Freshwater-Turner is Associate Dean for Simulation and Patient Safety for HEE South West, and co-Lead of the HEE South West Simulation Network. He is also Chair of the Bristol Medical Simulation Centre, and is a consultant in Intensive Care Medicine at the Bristol Royal Infirmary. He has extensive experience in delivering multi-disciplinary simulation-based education, and has designed and delivered several bespoke high-level Training-the-Trainers courses to develop simulation expertise in numerous healthcare organisations across the South West region.

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Speakers

Professor Bryn Baxendale



Bryn was appointed as a consultant anaesthetist at NUH in 1998 and currently has clinical responsibilities related primarily to vascular and emergency surgical services at QMC. In 2009 he was appointed as an honorary professor by the School of Psychology at the University of Nottingham. He has been President of the Association of Simulated Practice in Healthcare since 2009, which is the national learned body in relation to the use of simulation and related innovative learning technologies to professional education and training, workforce development, and quality and patient safety improvement.

In 2012 Bryn joined the national strategy board for Technology Enhanced Learning led by Health Education England and the Higher Education Academy.

His interests relate to leading the widespread adoption of simulation-based methodologies across the healthcare system in order to enhance patient safety and quality of care. Specifically this involves exploration of how best to enhance the development of expertise in individual professionals and multiprofessional teams, and how to support organisational learning and attainment of high reliability amidst complexity and constrained resources.

Sukie Shinn



Sukie Shinn Project Manager – National Simulation-Based Education (SBE) framework Sukie's role as project manager for the simulation-based education (SBE) framework was created because of her earlier involvement in a review of simulation as part of the Lead Provider Review project for HEE. This role followed on from her previous position as project manager for the HEE London and South East (LaSE) Quality Review. The links with simulation and quality arose because of Sukie's earlier involvement with the National Clinical Assessment Service (NCAS) as the assessment development

manager. In this position, Sukie was responsible for ensuring that the NCAS assessment processes were robust, quality assured, fit for purpose and able to withstand legal challenge. Some of the elements of this quality assurance involved simulation – in particular, setting-up a high fidelity, high impact simulation for anaesthetists with Imperial College and a GP simulated surgery, as part of the observation of practice assessment process.

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Speakers

Dr Ben Ivory



Ben graduated from Leicester medical school in 2001. A fairly circuitous route via a brief spell as a surgical trainee, medical training and some time as an oncology registrar eventually led to intensive care and anaesthesia. The majority of his training was in the southwest with a year-long fellowship at the Hunter New England Simulation Centre in Newcastle NSW under the supervision of Dr Cate McIntosh. Clinically he works as an Intensive Care Consultant at Torbay Hospital and also works as the National Education Lead for Organ Donation with NHSBT. Within the world of simulation he has specific interests in the teaching of communication skills and ethical decision making and debriefing methodology. Outside of work he enjoys landscape photography, overambitious running challenges and has 3 too many children.

Professor Robert Stone



A Chartered Psychologist, Human Factors specialist and a 32-year veteran of the international Virtual, Augmented and Mixed Reality (“XR”) community, is a Visiting Professor of XR & Telepresence at the University of Birmingham, where he is also Director of the Human Interface Technologies (HIT) Team. His medical Human Factors research in the early 1990s led to the development of a world-first keyhole surgical skills VR trainer (MIST), marketed and developed further by Mentice of Sweden. As a result of this work, Bob became a co-director of the North of England Wolfson Centre for Human-Centred Medical Technologies (1994 to 2005) and sat on a working party on behalf of the Royal College of Surgeons’ Joint Committee on Higher Surgical Training (JCHST) investigating the assessment of surgical training and competence (1999-2002). Today, he works closely with the Royal Centre for Defence Medicine and the Queen Elizabeth Hospital in Birmingham, researching the use of VR for healthcare restoration and rehabilitation programmes and for the training of future Medical Emergency Response Teams. In 2011, Bob was awarded the MoD Chief Scientific Advisor’s Commendation for his contributions to Defence Science & Technology, the highest award given to an individual by that Governmental Department. In July 2017, Bob and his University team were awarded the West Midlands Academic Health Science Network Innovative Team of the Year Award, in recognition of their achievements in the Virtual healthcare arena. In March 2018, Bob was awarded the Inaugural West Midlands Tech Awards for Innovation in Medicine and Health.

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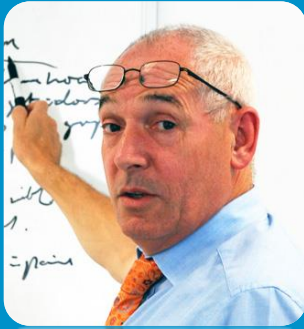
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Workshop Leaders

Nick Napper



Nick Napper has spent his career improving teaching and learning in the NHS. He is Lead Learning Advisor with Taunton & Somerset NHS Foundation Trust and Chair of the Southwest Technology Enhanced Learning Forum. He has been engaged in NHS training for over 35 years and has taught others to teach for much of that time. His specialist research area is visual support for learning and his PhD inquired into why many teachers and trainers squander the visual acuity of their learners by simply reading aloud from PowerPoint text. Nick's passion is the promotion of Evidence-Based Education within healthcare.

Kirsty Brown

Kirsty Brown has worked at the Bristol Medical Simulation Centre since 2016 and is co-Lead Educator and Coordinator of the Bristol Paediatric Simulation Programme. She has a background in Paediatric Nursing, with experience in PICU and High-Dependency care. She has had posters and presentations at numerous international Simulation conferences, and has delivered workshops at both IPSS and ASPiH conferences in 2018.

Mr Paul McArdle



Paul works as AMD for Safety and Quality at Plymouth Hospitals NHS Trust. A surgeon by background, he has worked with many Hospitals to help improve their safety systems particularly in operating theatres and is part of the NHS England NATSSIPs working group. He has an MSc in leadership for Quality having completed the GenerationQ programme as a Health Foundation Fellow. He is leading the establishment of a Quality Academy in Plymouth, our ambition to help patients and front line staff own and improve the care we provide by developing improvement capability and capacity.

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Workshop Leaders

The Learning Technologies & Simulation Team at T&SD



We currently provide simulation training for medical students; F1 and F2 training programmes, in situ simulation, Preceptorship (newly qualified) simulation and now developing simulation into the community looking at our staff but also the private and voluntary sector. At Torbay we have a dedicated embedded VR lab that has been in operation for two years where we have developed a number of VR interventions for staff and patient-based studies. We also have a live streaming capable TV studio that is utilised for both internal and external communication messaging. We work in partnership with local university and industry in order to help us discover the true value of learning technologies in healthcare.

Lisa Merrett



Lisa qualified as a Registered Operating Department Practitioner (RODP) in 1997, and worked at North Bristol Trust in various theatre suites until 2013, leaving to pursue career in Healthcare Education at the University of the West of England (UWE).

Currently Lisa is working as a Senior Technical Instructor at UWE, and Associate Fellow of Higher Education Academy, training healthcare students on Undergraduate programmes, delivering training in Clinical skills, Manual handling, BLS, and Simulations.

Lisa has a passion for simulation, and is trained in the application of Moulage, enjoys creating the scene and developing scenarios with colleagues, and co coordinating the group of Standardised patients, who are integral part of the simulation.

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Workshop Leaders / Speakers

Wayne Evans



I have been working for the NHS Ambulance Service for some 20years, mainly within front line operations. For the past three years I have been working within the Education Department of South Western Ambulance Service (SWAST), as their Clinical Simulation Lead. My passion has become about the delivery of up-to-date learning practices. I am married with a daughter who is away studying and live in rural Herefordshire, where we have a small holding looking after, sheep, pigs and chickens. All making for an interesting life.

Laura Harrison



Laura Harrison Co-ordinates the Community Outreach Simulation Programme at the Bristol Medical Simulation Centre. The programme involves working with young people in the community to encourage NHS careers via the median of simulation. Her background is Adult Nursing and has varied experience ranging from cardiac care, Intensive Care, Liver transplant, intestinal failure and general surgery. She has recently presented her Community Outreach work at SESAM 2019

Annette Eason



Annette was previously a Registered Nurse now working as a Clinical Skills Trainer for Bristol University Medical Students at the Royal United Hospital - Bath Academy

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