



UKRO CONFERENCE 2024

26th Sept 2024

*Location: No. 6 Cinema, Historic
Dockyard, Portsmouth, PO1 3LJ*



MORE INFO:



Timetable

12:30 - 13:15	Road Safety Trust/UKROed
13:15 – 14:00	Creased Puddle Ltd Neurodiversity – Minds of all Kinds in Rescue
14:00 – 14:45	Samuel Fairman, James Sivell (NFCC) Operational Learning
14:45 – 15:45	Professor Tim Nutbeam EXIT Project and new FPHC guidance
15:45 – 16:30	Roger Magan, Tim Johnson, Richie Matthews, Beth Barton Embedding a multiagency RTC Simulation into a medical school curriculum – a template for interprofessional learning

Speaker 1 (12:30 - 13:15)



The Road Safety Trust is the parent charity of UKROEd Ltd and are an independent grant-giving Trust working hard to reduce the numbers of people killed or injured on our roads. RST do this by funding research and new, practical interventions into improvements in road safety.

UKROEd provide the central governance, standards and consistency of the National Driver Offending Retraining Scheme (NDORS).

The role of UKROEd is to assist police forces to offer high-quality courses, consistently in all force areas, so as to change behaviour and play an important part in the reduction of collisions, death and injury to road users.

Speaker 2 (13:15 – 14:00)

Neurodiversity – Minds of all Kinds in Rescue



Creased Puddle Ltd

Caroline is a former Police Officer having completed 21 years for North Yorkshire Police retiring at the rank of Sergeant in 2017.

She is the CEO and founder of Creased Puddle Ltd a York based Neurodiversity training, diagnostic and consultancy company employing a predominantly Neuro divergent workforce.

Creased Puddle is well known within blue light services for providing specialist training and guidance which understands, not only Emergency services, but how it integrates with the conversation around Neurodiversity.

Caroline and her team regularly work with Fire and Rescue services to support staff, train their trainers and empower decision-makers to increase their knowledge of Neurodiversity.

In this session Caroline Turner, will look at how Neurodiversity is benefitting Fire and Rescue organisations here in the UK. She will explore the opportunities for organisations to retain and nurture talent whilst identifying key themes from past incidents to inform future practices.

Speakers 3 (14:00 – 14:45)

NFCC Organisational Learning



Samuel Fairman – Organisational Learning Manager

Worked 16 years with Hampshire and Isle of Wight Fire and Rescue Service in a variety of roles covering Performance Management, Community Risk Management Planning, and latterly Organisational Assurance and the HMICFRS SLO. I joined the NFCC in May 2023 as part of the Implementation Team supporting fire and rescue services with the incorporation of Fire Standards, Operational Guidance, and all other NFCC products and toolkits. Then in April 2024, I moved into the Organisational Learning Manager role, overseeing the review of all sector-related learning, linking into academic research and evaluations, to inform NFCC product development and sharing of impactful learning across the fire and rescue community.



James Sivell – Organisational Learning Risk Officer

14-year career in the fire service, working for London Fire Brigade and the National Fire Chiefs Council across roles within fire safety, information management, risk, and investigation. Worked on several major incident investigations, including the Grenfell Tower fire in London and the Haut Du Mont gas explosion in Jersey. Currently working for NFCC as a Risk Officer, with responsibility for analysing incidents around the UK FRS, identifying organisational learning and helping implement that learning nationally.

Speaker 4 (14:45 – 15:45)

EXIT Project and new FPHC guidance



Professor Tim Nutbeam

Tim is a consultant in emergency and prehospital emergency medicine in Devon. Tim leads the EXIT (Extrication In Trauma) project, which is focused on increasing our understanding of and improving the evidence base for post-collision care.

Over the last five years, Tim and the EXIT team, supported by the Road Safety Trust, have focused on identifying and, where possible, filling knowledge gaps in relation to extrication following a motor collision and working with stakeholders to translate this new evidence into clinical and operational practice. This work has recently been adopted into national clinical and operational guidelines and has been awarded the TARN Improvements in Trauma Care award and first place at the International Road Safety Awards.

Tim will discuss the evidence base behind the EXIT project and the new Faculty of Prehospital Care Extrication Guidance.

Speakers 5 (15:45 – 16:00)

Embedding a multiagency RTC Simulation into a medical school curriculum – a template for interprofessional learning



Richie Matthews, Watch Manager, South Wales FRS

Richie Matthews is a Watch Manager for the South Wales Fire and Rescue Service. He has been an Operational crew member and officer in charge for the past 12 years. Richie is currently based at the services training centre in Cardiff Gate in South Wales working on Road Traffic Collision and Water Rescue Training. Richie is the casualty care lead for SWFRS and is passionate about providing realistic and immersive pre-hospital casualty simulation. He has led on the delivery of TST for the Fire Service in Wales and alongside National Resilience to deliver training packages. He understands the benefit for multiagency working at the roadside and is keen to create frameworks for joint learning and development to provide effective patient centred care. Richie has attended as an instructor for the intercollegiate board for the pre-hospital medicine introductory course and has been working closely with colleagues in the School of Medicine, WAST, and MEDSERVE Cymru to share learning and experiences relating to immediate and emergency care. He is also working with the UKRO's education and development team to create learning and training packages for the UKRO academy.



Roger Magan, Group Manager (Training Delivery) South Wales FRS

Roger Magan is a Group Manager for the South Wales Fire and Rescue Service with 27 year's experience. His career experience to date has seen him work predominantly within the operational & training arena. His career path has given him the pleasure of being able to work and develop with a vast array of very good people and teams. During this time, I have developed skills in coaching, building and leading teams and individuals as well as collaborating with stakeholders UKRO (United Kingdom Rescue organisation) and World Rescue Organisation) both nationally and internationally within the technical rescue world. He has developed teams and individuals and areas within service in Road Traffic collision & Heavy Rescue skills, new vehicle technology, Methods of entry, Bariatric patient rescue. At heart he is a passionate firefighter who prides oneself on operational practical skills, leadership, and incident command. His development in this area has enabled him to be part of a successful RTC extrication team, SW USAR (Urban search & Rescue) & UK ISAR (International search & rescue). This experience developed and enabled him to

collaborate with people nationally & internationally in the areas of technical Rescue, Road Traffic Collision incident extrication and management. For the last 4 years he has collaborated with Tim Johnson and the multiagency team from, Fire Control, MEDSERVE Cymru, Welsh Ambulance Service Trust and South Wales Police running Road Traffic Collision Simulation training for medical students at Cardiff. His passion and understanding of the benefits for multiagency working at the roadside and is keen to create frameworks for joint learning and development to provide effective patient centred care, multi-agency incident management.



Dr Beth Barton, Consultant in Intensive Care Intensive Care and Pre-hospital Emergency Medicine, Swansea.

Dr Beth Barton is a Consultant in Intensive Care and Prehospital Emergency Medicine working in Morriston Hospital, Swansea and with EMRTS Cymru. She is a Cardiff MBBCh graduate where she is now an Honorary Lecturer working on RTC simulation. Beth is active in the Faculty of Prehospital Care and Intercollegiate Board for Training in Pre-Hospital Emergency Medicine, where she sits on the board as the current Chair of the Curriculum Committee as well as representing PHEM at the Faculty of Intensive Care Medicine. She has been faculty on the annual National Induction Course since 2019, training



Dr Tim Johnson, Deputy Programme Director (MBBCh), Cardiff University School of Medicine.

Dr Tim Johnson is currently the Interim Deputy Programme Director for the undergraduate medicine programme at Cardiff. He is responsible for much of the teaching of physiology in the curriculum and leads on teaching aspects of managing the 'acutely ill patient' in the early years of the programme. For the last 4 years he has been working with a multiagency team from South Wales Fire and Rescue Service, Fire Control, MEDSERVE Cymru, Welsh Ambulance Service Trust and South Wales Police running Road Traffic Collision Simulation training for medical students at Cardiff. The work on RTC

doctors and paramedics starting their training to work on HEMS services across the UK and is also an active examiner for PHEM at the Royal College of Surgeons of Edinburgh for the Diploma and Fellowship in Immediate Medical Care and the new Diploma in Major Incident Management (DipMIM). Beth is also an operational Firefighter with South Wales Fire & Rescue Service and has volunteered alongside the UKRO teams for several years, joining as a member of the extrication and trauma teams this year. She also volunteers a great deal of her time to support the Training and Development Department at SWFRS in Cardiff Gate in delivery of a range of courses as well as supporting with multi-agency exercises across the service. Beth was recently awarded the national Women in the Fire Service 'Firefighter Rising Star' (see <https://wfs.org.uk/2024/05/01/women-in-the-fire-service-awards-2024-celebrating-excellence-in-the-fire-and-rescue-service>) and has more recently become a member of the National Executive Committee. In her spare time, Beth volunteers as a BASICS responder and team lead for MEDSERVE Wales, attending calls across South Wales to provide additional skills on scene 24/7 in support of the Welsh Ambulance Service.

simulation training has received recognition by the General Medical Council who "*...commend Cardiff University Medical School on how well the event was delivered... promotes a culture of learning and collaboration between specialties and professions*". This work has also been showcased nationally at the British Trauma Society and Faculty of Prehospital Care conferences in 2023 and the Welsh Simulation Symposia in 2022 and 2023.

About the presentation:

With 30,000 people being killed or seriously injured on UK roads in 2022, road traffic collision (RTC) training is an essential component of safe and effective casualty management. Despite this, there is little or any opportunity for most healthcare trainees to experience the pre-hospital emergency medicine environment. This presentation will outline the development of an RTC training programme by a team from SWFRS, Joint Fire Control, MEDSERVE Cymru, WAST, South Wales Police and Cardiff University School of Medicine, providing an opportunity for a realistic and immersive RTC simulation based on JESIP principles (see <https://www.youtube.com/watch?v=24XhjaDcjwo>). The programme represents a major step forward in creating a template for clinically accurate RTC simulation whilst providing opportunities for interdisciplinary learning. The framework used in designing the event involves the generation of complex RTC scenarios to be played out in real time effectively delivering learning opportunities for all involved, from 'incidental bystander' to 'experienced responders'. By incorporating RTC training into healthcare programmes nationally there is an opportunity for a

greater shared understanding of effective early medical intervention and reduced 'hesitancy' for the bystander and less experienced responder.