Annual International Research Conference 2021: Global Developments in Paramedic Research
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<th>UK Time</th>
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<th>USA East Coast Time</th>
<th>USA West Coast Time</th>
<th>Title</th>
<th>Speaker</th>
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</table>
| TUES 10.00 | TUES 2100 | TUES 05.00 | TUES 02.00 | Welcome  
Professor Julia Williams  
David Page  
Dr Paul Simpson | Tracy Nichols, CEO, UK College of Paramedics  
John Bruning, CEO, Australasian College of Paramedicine |
| TUES 10.30 | TUES 2130 | TUES 05.30 | TUES 02.30 | **Chair: Professor Julia Williams  
Q&A: Liz Harris**  
The Malcolm Woollard Lecture: The painful truth | Dr Greg Whitley (UK) |
| UK 11.15 | AEDT 22.15 | US EAST 06.15 | US WEST 03.15 | **BREAK** | |
| TUES 11.30 | TUES 22.30 | TUES 06.30 | TUES 03.30 | **Chair: Dr Niamh Cummins  
Q&A: Jack Barratt**  
**Stream 1**  
Accuracy of emergency service telephone triage for predicting adverse outcomes in suspected COVID-19: An observational cohort study  
Richard Pilbery (UK) | Exploring variation in ambulance calls and conveyance rates for adults with diabetes mellitus who contact the Northern Ireland Ambulance Service: a retrospective database analysis  
Aoife Watson (UK) |
| TUES 11.45 | TUES 22.45 | TUES 06.45 | TUES 03.45 | Temperature measurement of babies born in the pre-hospital setting: analysis of ambulance service data and interviews with paramedics  
Dr Laura Goodwin (UK) | Balancing the best job in the world with navigating a complex space. The experiences of Māori (Indigenous Peoples) entering the paramedic profession in Aotearoa New Zealand.  
Belinda Westenra (New Zealand) |
| TUES 12.10 | TUES 23.10 | TUES 07.10 | TUES 04.10 | Direct Admission to a COVID-19 Ward directed by Paramedic-performed Lateral Flow Testing  
Alexander Richards (UK) | Hangings attended by ambulance clinicians in the North East of England: a service evaluation  
Dr Graham McClelland (UK) |
| 12.25 | 23.25 | 07.25 | 04.25 | **BREAK** | |
| TUES 12.40 | TUES 23.40 | TUES 07.40 | TUES 04.40 | **Chair: Georgina Jones  
Q&A: Professor Julia Williams**  
**Stream 1**  
What factors influence clinical decision making for paramedics when attending to paediatric emergencies in the community within one Ambulance Service Trust?  
Jeff Hetherington (UK) | The investigation of how paramedics assess capacity and insight in mental health presentations  
Pamela Nicolson (Australia) |
| TUES 12.55 | TUES 23.55 | TUES 07.55 | TUES 04.55 | Families’ experiences of supporting emergency service first responders (ESFRs) and veterans to seek help for a mental health problem.  
Dr Louise Roberts (Australia) | RESPOND - Resuscitation Ethics: Paramedic Onsite Decisions  
Iain Campbell (UK) |
## Characterising frailty in over 50s using a UK ambulance service: an observational study
Karl Charlton (UK)

## Stakeholder perspectives of piloting pre-hospital Covid-19 lateral flow testing and direct admissions pathway.
Dr Fiona Sampson (UK)

## International Panel Discussion:
Use of social media in healthcare research: the good, the bad and the ugly

**Professor Julia Williams (Chair)**

Q&A: Liz Harris

Panelists:
- Dr. Lisa McNamee (Ireland)
- Aidan Baron (Australia)
- Dr Buck Reed (Australia)
- Georgette Eaton (UK)

## Discussion/workshop sessions:
Getting started in research

**Chair:** Louise Reynolds

**Q&A:** Georgina Murphy-Jones

Panelists:
- Dr Enrico Dippenaar (UK)
- Dr Megan Corry (USA)
- Sasha Johnston (UK)
- Jack Barrett (UK)

## “See us as humans. Speak to us with respect. Listen to us.” A qualitative report on ambulance staff requirements of leadership whilst working during the COVID-19 pandemic.
Pete Eaton Williams (UK)

## Is Pathfinder a Safe Alternative to the Emergency Department for Older Patients? An Observational Analysis
Laura McMahon (Ireland)
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| TUES 16.30 | TUES 11.30 | TUES 8.30 | Researching at High Speed: Experiences of an International Paramedic Research Team  
Lindsey Boechler (Canada) | The Calgary-Cambridge Guide, is it a suitable model for use in a pre-hospital setting? An empirical qualitative study evaluating the practice experiences of newly qualified and student Paramedics.  
Claire Hastings (UK) |
| TUES 16.45 | TUES 11.45 | TUES 8.45 | People with hypoglycaemia: How are treat and leave decisions made?  
Aoife Watson (UK) | Mediating Mental Health Stressors for First Responders Using Therapy Dogs in Gaston County, NC  
Jessica Ross (USA) |
| 17.00 | 04.00 | 12.00 | 08.00 | Break | |
| TUES 17.15 | TUES 12.15 | TUES 09.15 | Chair: Dr Graham McClelland  
Q&A: Professor Julia Williams | CRASH4: Pre-hospital TXA use – what every paramedic should know.  
‘Research culture in Paramedicine: The times they are a-changin!’ |
| TUES 18.30 | Wed 05.30 | TUES 13.30 | International Conference Newsround | Professor Julia Williams  
David Page  
Dr Paul Simpson |
| TUES 18.45 | Wed 05.45 | TUES 13.45 | Chair: Dave Page  
Q&A: Professor Julia Williams | Secondary traumatic stress in emergency services: quantifying and predicting suicidality, compassion fatigue and the effects of vicarious trauma  
Dr Ginny Renkiewicz (USA) |
| 19.30 | 06.30 | 14.30 | 11.30 | Break | |
| TUES 19.45 | TUES 14.45 | TUES 11.45 | Chair: Jack Barrett  
Q&A: Professor Julia Williams  
Stream 1 | Paramedic Perceptions of Health  
Nathan Malek (USA) |
| TUES 20.00 | TUES 15.00 | TUES 12.00 | A Cross-Sectional Analysis of Organisational Structural Predictors of Ambulance Crashes  
Dr Justin Sleffel (USA) | Ethical dilemmas on the frontlines of COVID-19: Integrating a pluralistic ethical framework and the lived experiences of paramedic, law enforcement and nursing personnel  
Lindsey Boechler (Canada) |

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**College of Paramedics’ Annual International Research Conference 2021: Global Developments in Paramedic Research**
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<td>Firefighters and Ambulance Clinicians experiences of working as part of a front-line ambulance crew during Covid-19 across a UK County: A Comparison of Perspectives. Suzanne Moffat (UK) Carl Smith (UK)</td>
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<td>12.25</td>
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<td>The Association Between Emergency Medical Technician (EMT) Program Testing Frequency and NREMT Success Dr Charles Foat (USA)</td>
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<td>Adverse events from nitrate administration during right ventricular myocardial infarction and right coronary artery occlusion: a systematic review and meta-analysis Matt Wilkinson-Stokes (Australia)</td>
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<td>The detection of atrial fibrillation in a non-conveyed population: a retrospective study of emergency call patients not transported to hospital by the North East Ambulance Service. Emily Heppenstall (UK)</td>
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<td>‘Finding the good in the bad’ - predicting post traumatic stress and post traumatic growth in dual role Firefighter/Paramedics. Brian Doyle (Ireland)</td>
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<td>Chair: Jackson Deziel Q&amp;A: Professor Julia Williams Stream 2</td>
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<td>Early recognition of sepsis by EMS clinicians is associated with better patient outcomes Marc Thomas (USA)</td>
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<td>Prehospital Firearms-related Injury Descriptives: U.S. National Trends Morgan Anderson (USA)</td>
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<td>Anthropogenic bioaerosol kinetics within a simulated ambulance environment: estimating potential exposure to SARS-CoV-2 Professor Rob Chilcott (UK)</td>
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<td>Chair: Dave Page Q&amp;A: Liz Harris Panelists: Dr Remle Crowe (USA) Ruth Townsend (Australia) Marty Nichols (Australia) Georgette Eaton (UK) Iain Campbell (UK)</td>
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### Discussion/workshop sessions:

#### Where is the patient’s voice? Involving community engagement (patient and public) in EMS Research:

**Chair: Professor Julia Williams**

**Panelists:**
- Rebecca Pierce (Australia)
- Janet Holah (UK)
- Karl Charlton (UK)
- Lindsey Boechler (Canada)

#### Let’s Collaborate! - Building Effective Research Networks

**Chair: Dave Page**

**Panelists:**
- Dr Niamh Cummins (Ireland)
- Alan Batt (Canada)
- Jennie Helmer (Canada)
- Professor Linda Ross (Australia)

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#### Chair: Nick Nudell

**Q&A: Professor Julia Williams**

**Stream 1**

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#### Chair: Jackson Deziel

**Q&A: Amy Hutchison**

**Stream 2**

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- **What are paramedics experiences of decision-making when managing non-urgent patients? A qualitative study.**
  - Audrey McAdam (UK)

- **Peripheral intravenous catheter and intraosseous access devices in the prehospital setting, a descriptive and correlational study of data from the NEMSIS public release dataset and the Queensland Ambulance Service.**
  - Matt Mason (Australia)

- **Evaluating Prehospital Point of Care Ultrasound Interpretation Accuracy**
  - Kevin Collopy (USA)

- **Impact of COVID-19 on paramedicine students: A mixed-methods study**
  - Cameron Gosling (Australia)

- **Short-Term Outcomes in Air Medical Trauma Patients Treated with Whole Blood Versus Packed Red Blood Cells**
  - Leslie Brown (USA)

- **Abstract presentation (10 +5 mins)**
  - Minimum Vital Sign Set Documentation among 9-1-1 Patients that were not Transported by EMS in the USA of America. Dr Antonio Fernandez (USA)

- **Chair: Dave Page**

**Q&A: Professor Julia Williams**

**Disparities in care: Equity, Diversity and pain management**

- Dr Remle Crowe (USA)
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<td>International Conference Newsround</td>
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<td>Tues 18.45</td>
<td>Chair: Louise Reynolds Q&amp;A: Amy Hutchison Women in paramedicine</td>
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<td>Chair: Professor Linda Ross Q&amp;A: Sascha Baldry Stream 1</td>
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<td>Wed 04.00</td>
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<td>Tues 23.00</td>
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<td>How do paramedics cope? Dr Natalie Dodd (Australia)</td>
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<td>Building in Bias: Disparities in Paramedic Simulation Training Kathleen O’Connor (USA)</td>
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<td>Acceptance and Motivations of COVID-19 Vaccination among Emergency Medical Services Professionals Nate Andrews (USA)</td>
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<td>The Impact of Emergency Remote Teaching on EMS Exam Scores Kelly Kohler (USA)</td>
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<td>The Impact of Remote Teaching on EMS Exam Scores Krista Reed (USA)</td>
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### International Panel:
The rise of mixed-methods research in paramedicine.

**Chair:** Paul Simpson  
**Q&A:** Nigel Barr  
**Panelists:**
- Dr Navin Naidoo (Australia)  
- Tegwyn McManamny (Australia)  
- Dr Scott Munro (UK)

### Discussion/workshop sessions:
Getting Published in Paramedicine and Emergency Medicine

**Chair:** Nigel Barr  
**Q&A:** Louise Reynolds  
**Panelists:**
- Dr Graham McClelland, Editor British Paramedic Journal  
- Professor Chris Stein, Editor South African Journal of Prehospital and Emergency Care  
- Professor Ramon Z. Shaban, Editor-in-Chief, Australasian Emergency Care  
- Caitlin Wilson, Associate Editor British Paramedic Journal

### Discussion/workshop sessions:
Balancing research and clinical practice

**Chair:** Ben Meadley  
**Q&A:** Harry Reeves  
**Panelists:**
- Jamie Miles (UK)  
- Kathryn Eastwood (Australia)  
- Dr Hamish Carver (Australia)  
- Paul Misasi (US)

### Experiences of learning, development, and preparedness for clinical practice among undergraduate paramedicine students, graduate/intern paramedics, and their preceptors: a qualitative systematic review.

**Hilding Hanna (Australia)**

### The Impact of a Mass Distribution Letter as an Early Intervention for Potential Frequent Callers to a UK Ambulance Service

**Aidan McDonnell (UK)**
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<tr>
<td>Wed 08.30</td>
<td>The prognostication of lactate during out of hospital cardiac arrest – an observational study</td>
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<td>Wed 08.45</td>
<td>Defining Paramedicine: An International Delphi study</td>
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<td>Wed 09.00</td>
<td>What are the demographic and clinical differences between those older adults with traumatic brain injury who receive a neurosurgical intervention to those that do not? A systematic review with narrative synthesis</td>
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**Chair:** Professor Linda Ross  
**Q&A:** Amy Hutchison

Research translation and implementation.

**Professor Craig Lockwood, Australia**