Our Patients, Our People, Our Future

2015 CAA IRCP Conference Handbook

13 – 15 October 2015
Melbourne, Australia

www.caa.net.au
Thursday 15th October, 4pm to 5.30pm
CAA delegate excursion to Hisense arena

Ambulance Victoria – Responding to our Community
Explore Ambulance Victoria’s state-of-the-art vehicles and equipment, and meet our highly skilled paramedics at Hisense Arena.

Highlights

16:00 AW139 air ambulance helicopter and presentation by flight paramedic, pilot and crewman
16:10 Emergency Management display
   • Command and Communications Vehicle (known as WX1)
   • Health Commander Vehicle
   • Emergency Support Vehicle – including casualty clearing post
16:15 CPR and Public Access Defibrillator demonstration
16:20 General Purpose Ambulance
   Single Responder Unit
   Motorcycle Response Unit
16:40 Tilt tray vehicles
   Protective Equipment Vehicle
16:50 How our research is improving patient care
16:55 Careers at Ambulance Victoria
17:00 Emergency Management display
   • Personal Protective Equipment
   • Field Primary Care Clinic
   • Virtual Paramedic Simulation
   • Incident Management System (Noggin OCA)

Doors open to the public until 7pm

Venue: Pullman Melbourne On The Park
Address: 192 Wellington Parade, Melbourne
Telephone: (+61) 3 9419 2000

Conference Attire
Conference: Smart casual
Welcome reception: Smart casual
Awards Dinner: Lounge suit/cocktail dress
Registration: Level 1, opposite Grand Ballroom. Open from 7 AM

Staying in Melbourne, Victoria
Melbourne, and Victoria, offer an exceptional opportunity to enjoy Australia’s hospitality, great food & wine, gardens & parks, the arts, history, entertainment, unique attractions and unrivalled weather (just ask a local).

Visit these sites for ideas to help you make the most of your stay.
www.tourism.vic.gov.au
www.visitmelbourne.com/regions/melbourne/destinations/sports-precinct
www.tramrestaurant.com.au
www.veniceontheyarra.com.au
www.thatsmelbourne.com.au
www.visitgreatoceanroad.org.au
museumvictoria.com.au/melbournemuseum
www.slv.vic.gov.au

All delegates, speakers, sponsors and exhibitors should check in at the registration desk and receive a name badge.
Welcome

On behalf of the CAA Board, IRCP and hosts Ambulance Victoria, welcome to our 2015 Conference – Our Patients, Our People, Our Future – at Pullman Melbourne On The Park.

We are delighted to have delegates and speakers from the US, Canada and the UK join Australasian paramedics, academics and service chiefs from Australia and New Zealand.

The three day program promises an outstanding opportunity to learn from an impressive range of presentations featuring research by leading experts and insights from other agencies on how they envisage the challenges ahead.

Other highlights include a regional tour to Bendigo on the eve of the Conference, and on the final day, “Serving our Community” – an impressive display by Ambulance Victoria at Hisense Arena, in the heart of Melbourne’s dynamic sporting precinct.

The social program including a Welcome Reception and the Awards for Excellence Dinner will be an opportunity to enjoy local hospitality.

For those who have travelled from interstate and overseas, we hope you will make some extra time to explore more of Melbourne and parts of Victoria during your stay.

The CAA & IRCP Conference is an occasion to acknowledge and celebrate leadership and best practice in all aspects of paramedicine.

Best wishes

Ross Coburn  
Chair (Acting)  
CAA

Tony Walker  
CEO (Acting)  
Ambulance Victoria

David Waters  
Chief Executive (Acting)  
CAA

Gary Wingrove  
Chair  
IRCP
### Monday 12 October 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00</td>
<td>IRCP Pre-Conference regional day trip - Bendigo</td>
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<td>Depart Reception, Pullman Melbourne On The Park</td>
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### Tuesday 13 October 2015 – IRCP Day One

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>07:00</td>
<td>Registration open</td>
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**Session**

**OPERATIONS**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>08:00</td>
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<tr>
<td>08:00 – 08:45</td>
<td>11.B.1 Filling the Gaps: Community Paramedicine in Minnesota</td>
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<tr>
<td>08:45 – 09:30</td>
<td>11.B.2 Alternative Care Pathways For Low-Acuity Patients in New Zealand</td>
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**Session**

**PATIENT CARE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>11:15</td>
<td>11.C. 1 Massachusetts System of Care: Evolution of Community Paramedicine</td>
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**CrowdMics access code: 911**
In conjunction with the 11th International Roundtable of Community Paramedicine

**Venue:**
Pullman Melbourne On The Park, 192 Wellington Parade, Melbourne.

**Conference Attire:**
Smart Casual

**Monday 12 October 2015**
8:00 IRCP Pre-conference regional day trip - Bendigo

**Tuesday 13 October 2015 – IRCP Day One**

**Location:**
Delacombe Room, Level 1 Pullman

**CrowdMics access code:** 911

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>07:00</td>
<td>Reception, Pullman Melbourne On The Park</td>
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<tr>
<td>08:00 – 08:45</td>
<td>11.B.1 Filling the Gaps: Community Paramedicine in Minnesota</td>
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<tr>
<td></td>
<td>Susan Long, MA ACP: President, North Central EMS Institute (USA)</td>
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<td></td>
<td>Michael Wilcox, MD Hennepin Technical College Community Paramedic Program (USA)</td>
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<tr>
<td>08:45 – 09:30</td>
<td>11.B.2 Alternative Care Pathways For Low-Acuity Patients in New Zealand</td>
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<td></td>
<td>Kris Gagliardi, ACP BHSc: Shift Manager, St John NZ (NZL)</td>
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<tr>
<td>09:30 – 10:00</td>
<td>Morning tea</td>
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<td>10:00 – 10:30</td>
<td>11.B.3 IRCP: A Decade of Collaboration</td>
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<td></td>
<td>Gary Wingrove, ACP (ret.): Program Manager, North Central EMS Institute (USA)</td>
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<tr>
<td>10:30 – 11:15</td>
<td>11.B.4 Simulation for Success</td>
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<td>Matthew Gouodreau, ACP BPH: Director of Clinical Services, EasCare Paramedic Service (USA)</td>
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<tr>
<td>11:15 – 12:00</td>
<td>11.C.1 Massachusetts System of Care: Evolution of Community Paramedicine</td>
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<td></td>
<td>Patrick S Tyler, MBA ACP: Chief Operating Officer, Fallon Ambulance Service (USA)</td>
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<tr>
<td>12:00 – 13:00</td>
<td>Lunch</td>
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<td>13:00 – 13:45</td>
<td>11.C.2 Acute Care Delivery for Complex Patients</td>
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<td></td>
<td>Matthew Goudreau, ACP BPH: Director of Clinical Services, EasCare Paramedic Service (USA)</td>
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<tr>
<td>13:45 – 14:30</td>
<td>11.C.3 Community paramedicine model of care: an observational, ethnographic case study</td>
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<td></td>
<td>Dr Peter O'Meara Professor of Rural and Regional Paramedicine, La Trobe Rural Health School (AUS)</td>
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**Session**

**EDUCATION**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>14:30 – 15:00</td>
<td>11.D.1 Virtual Reality Simulation in Paramedic Education: Does it have the potential to change the direction of paramedic training as we see it today?</td>
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<td></td>
<td>Duncan McConnell, ACP MBA: Program Director, Paramedicine, Griffith University, School of Medicine (AUS)</td>
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<tr>
<td>15:00 – 15:30</td>
<td>Afternoon tea – Trade Exhibition open</td>
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<td>15:30 – 16:00</td>
<td>11.D.2 Paramedic + Physician Assistant = Paramedic Practitioner: A Proposed Model</td>
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<td>Scott Fyfe, CCP: Flight Paramedic, Ambulance Tasmania (AUS)</td>
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<td>Rob Zolinski, PA: Emergency Department, Townsville Hospital, (AUS)</td>
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<tr>
<td>16:00 – 16:30</td>
<td>11.D.3 Paramedic + Nurse Practitioner = Paramedic Nurse Practitioner: A Proposed Model</td>
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<td>Jackie Clapperton, ACP ENP, Nurse Practitioner, St John NZ (NZL)</td>
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<td>Shane Clapperton, CP: Territory Manager, St John NZ (NZL)</td>
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**Session**

**EVALUATION**

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>16:30 – 17:00</td>
<td>11.E.1 Integrated Care Strategy Meeting the Needs of Modern Healthcare</td>
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<td>Graeme Malone, ACP: Director of Clinical Innovation, New South Wales Ambulance Service (AUS)</td>
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<td>17:00</td>
<td>Close</td>
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**Day One Social Program**

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<th>Time</th>
<th>Event</th>
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<tr>
<td>17:30 – 20:30</td>
<td>Welcome Reception Match Day Bar, Lower Ground, Pullman Melbourne On The Park</td>
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<td>Attire: smart casual</td>
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### Wednesday 14 October 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>07:00</td>
<td>Registration open</td>
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<tr>
<td>08:15 - 08:40</td>
<td>MC &amp; Welcome to Country</td>
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<td>08:40 - 08:50</td>
<td>CAA Official Opening</td>
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<td>08:50 - 09:15</td>
<td>IRCP Ceremony</td>
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<tr>
<td>09:15 - 09:45</td>
<td>Where IRCP Began: New Data from Nova Scotia</td>
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<tr>
<td>09:45 - 10:15</td>
<td>Conference overview</td>
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<tr>
<td>10:15-10:40</td>
<td>Morning tea - Trade Exhibition open</td>
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</table>
| 10:40 - 11:20 | Improving the quality and safety of patient care  
Professor Julie Considine  
Chair in Nursing  
Eastern Health Deakin University |
| 11:20-11:50 | Ian Jacobs’ Oration  
Early Access to Defibrillation Program – A Public Health Service Innovation  
Dominic Morgan, CEO, Ambulance Tasmania |
| 11:50-12:30 | Cardiac arrest: Systems of care  
Dr Michael Sayre  
Medical Director, Seattle Fire Department, USA |
| 12:30 – 12:40 | CAA Research Forum & Register  
Judith Finn, Director: Prehospital, Resuscitation & Emergency Care Research Unit, Curtin University Adjunct Research Professor: St John Ambulance WA |
| 12:40 | Lunch |

### Combined CAA IRCP Morning Plenary

- **Location:** Grand Ballroom
- **CrowdMics access code:** 111

#### 08:15 – 09:15
- MC & Welcome to Country
- **Ross Coburn,** Acting Chair CAA (AUS)
- IRCP Welcome, Susan Long, President NCEMSI
- Passing of the IRCP Gavel
- Gary Wingrove, Chair IRCP, Susan Long, NCEMSI (USA), Ross Coburn, Acting Chair, CAA (AUS)
- Proposal to host IRCP 2016, Gerry Schriemer & Dale Weiss, Paramedic Chiefs of Canada (CAN)

#### 09:15 – 09:45
- Where IRCP Began: New Data from Nova Scotia
- **Pierre Poirier,** ACP: Executive Director Paramedic Association of Canada (CAN) [Dr Ron Stewart MD, Dalhousie University (CAN)]

#### 09:45 – 10:15
- Conference overview
- **Tony Walker,** Acting Chief Executive Officer, Ambulance Victoria

### IRCP Plenary

- **Location:** Delacombe Room
- **CrowdMics code:** 911

#### 10:45 – 11:30
- **11.F.1** The health status of paramedics: A research project, literature review and preliminary results  
Richard Galeano, MPH: Paramedic  
Aspen Medical (AUS)

#### 11:30 – 12:00
- **11.E.2** Consumer perspectives of a community paramedicine program in rural Ontario  
Angela Martin, ACP GDipN MScApp (Research) Candidate: Paramedic South Australia Ambulance Service (AUS)

#### 12:00 – 12:40
- **11.E.3** The DCC-R Paramedicine Patient Referral Model  
Richard Larsen, Extended Care Paramedic, SA Ambulance Service (AUS)
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<tr>
<th>Time</th>
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<tr>
<td>12:40 – 13:30</td>
<td>Lunch Trade Exhibition open</td>
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<tr>
<td>13:30 – 14:00</td>
<td>CAA Plenary: Pre-hospital research – Where to from here?</td>
<td>Grand Ballroom</td>
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<td>Associate Prof Stephen Bernard</td>
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<td>Senior Medical Adviser, Ambulance Victoria</td>
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<tr>
<td>14:00 – 14:30</td>
<td>Early assessment for Spinal Cord Injury</td>
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<td>Dr Peter Batchelor</td>
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<td>University of Melbourne Brain Research Institute, Austin Health.</td>
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<td>14:30 – 15:00</td>
<td>Blood – the evidence for pre hospital use</td>
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<td>Ass Prof Biswadev (Dev) Mitra</td>
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<td>Emergency Physician</td>
<td>Alfred Hospital Emergency and Trauma Centre, Melbourne</td>
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<tr>
<td>15:00-15:30</td>
<td>Afternoon Tea Trade Exhibition open</td>
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<tr>
<td>15:30 – 16:00</td>
<td>CAA Plenary: Future strategic directions for Emergency Management Victoria</td>
<td>Grand Ballroom</td>
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<td></td>
<td>Craig Lapsley, Commissioner, Emergency Management Victoria</td>
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<tr>
<td>16:00 – 17:00</td>
<td>CAA Plenary: Responding to ever-evolving risk environment</td>
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<td>Multi-agency panel</td>
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<td></td>
<td>Craig Lapsley, Commissioner, Emergency Management Victoria</td>
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<td>Robert Cameron, Assistant Secretary, Crisis Co-Ordination Branch, Emergency Management Australia</td>
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<td>Peter Rau, Chief Officer, Metropolitan Fire Brigade</td>
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<td>Glenn Weir, Acting Assistant Commissioner, State Emergencies and Security Command, Victoria Police</td>
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<td>Peter Bradley, CEO, St John NZ</td>
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<td>Paul Holman, Director Emergency Management, Ambulance Victoria (Moderator)</td>
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<tr>
<td>13:30 – 14:00</td>
<td>IRCP Plenary: 11.E.4 Redesigning the Paramedic Competencies in Canada</td>
<td>Delacombe Room</td>
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<td></td>
<td>Pierre Poirier, ACP: Executive Director Paramedic Association of Canada (CAN)</td>
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<td>14:00 – 14:30</td>
<td>IRCP Plenary: 11.E.5 Paramedic Services are from Venus, hospitals are from Mars: Using data to bridge the gap</td>
<td>Delacombe Room</td>
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<td></td>
<td>Nathaniel Metz, ACP: Operations Director, Prompt Extended Health Services (USA)</td>
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<td>14:30 – 15:00</td>
<td>IRCP Plenary: 11.E.6 Will patients benefit when paramedics access electronic health records? A regulatory perspective on an evolving profession</td>
<td>Delacombe Room</td>
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<td>Jacqueline Messer-Lepage, MBA: Executive Director and Registrar Saskatchewan College of Paramedics (CAN)</td>
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<td>15:30 – 16:00</td>
<td>IRCP Plenary: 11.F.2 What is the impact of community paramedicine on paramedic identity?</td>
<td>Delacombe Room</td>
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<td>Buck Reed, ACP MIHM: Associate Lecturer in Paramedicine</td>
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<td></td>
<td>University of Western Sydney (AUS)</td>
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<td>16:00 – 16:30</td>
<td>IRCP Plenary: 11.F.3 From Qualified Paramedic to Community Paramedic: A qualitative study of the process of transition to a low acuity role</td>
<td>Delacombe Room</td>
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<td>David Long, BMSc ACP: PhD Candidate</td>
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<td>Queensland University of Technology (AUS)</td>
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<tr>
<td>16:30 – 16:50</td>
<td>IRCP Plenary: 11.F.4 Prehospital Care is Dead – long live prehospital care</td>
<td>Delacombe Room</td>
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<td></td>
<td>Francis Archer, BMedSci MPH MEd: Director Monash University Disaster Resilience Initiative (AUS) [Dr Ron Stewart MD, Dalhousie University (CAN)]</td>
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<tr>
<td>19:00 – 23:00</td>
<td>Social Program: Awards Dinner</td>
<td>Pullman Melbourne On the Park - Grand Ballroom Attire: Lounge suit/cocktail dress</td>
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### Thursday 15 October 2015

**Breakfast Symposium:** Dr. Joseph Holley, State EMS Medical Director, Tennessee, USA.  
*Perfusion on Demand - Discover the role of Intrathoracic Pressure Regulation (IPR) therapy in Cardiac arrest.*  
Hosted by ZOLL.

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Venue</th>
<th>Chair</th>
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<tbody>
<tr>
<td>07:15 – 08:15</td>
<td>Breakfast Symposium</td>
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<td>08:40 – 8:45</td>
<td>MC</td>
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<td>08:45 – 08:55</td>
<td>Ministerial address</td>
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<td>The Hon Jill Hennessy MP</td>
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<td>Minister for Health and Minister for Ambulance Services, Victoria</td>
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<td>08:55 - 10:00</td>
<td>Keynote address - Resilience</td>
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<td>Group Captain Catherine McGregor AM</td>
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<tr>
<td>10:00-10:30</td>
<td>CAA Panel</td>
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<td>CAA Board Members</td>
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<td>Major sponsor address</td>
<td></td>
<td>Glen Walker, CEO &amp; Mr Tony Nelson, Senior Sales Executive Emergency Division Bryon Group</td>
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<tr>
<td>10:30-11:00</td>
<td><strong>Morning tea. Trade Exhibition open for viewing</strong></td>
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<td>11:00-12:40</td>
<td><strong>Concurrent Session A • Grand Ballroom • Chair: D. Mann</strong></td>
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<tr>
<td>A.1 11:00 – 11:25</td>
<td>Ambulance Demand: random events or predictable patterns</td>
<td>Grand Ballroom</td>
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<td></td>
<td>Ms Kate Cantwell, MICA Paramedic</td>
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<td>Ambulance Victoria</td>
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<td>A.2 11:25 – 11:50</td>
<td>The Referral Service: Managing growing demand for ambulance services from low-acuity patients with secondary telephone triage</td>
<td>Grand Ballroom</td>
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<td></td>
<td>Kathryn Eastwood</td>
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<td>MICA Paramedic, Ambulance Victoria</td>
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<td>A.3 11:50 – 12:15</td>
<td>Partnerships in Palliative Care – Authorised Palliative Care Plans</td>
<td>Grand Ballroom</td>
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<td></td>
<td>Michelle Shiel</td>
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<td>Manager Low Acuity Care, NSW Ambulance</td>
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<td>A.4 12:15 – 12:40</td>
<td>Improving the patient experience: Extended-care paramedic initiated residential medication management review by a consultant pharmacist</td>
<td>Grand Ballroom</td>
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<td>Dr Peter Hayball, Principal Pharmacist, SA Ambulance Service</td>
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<tr>
<td>11:00-12:40</td>
<td><strong>Concurrent Session B • Delacombe Room • Chair: Mick Stephenson, AV</strong></td>
<td>Delacombe Room</td>
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<tr>
<td>B.1 11:00 – 11:25</td>
<td>“To ED or not to ED- that is the question”: Making use of an after-hours Medical Deputising Service</td>
<td>Delacombe Room</td>
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<td></td>
<td>Graeme Malone, Director Clinical Innovation, NSW Ambulance</td>
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<td>B.2 11:25 – 11:50</td>
<td>Australian Paramedic Hand Hygiene Practices</td>
<td>Delacombe Room</td>
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<td></td>
<td>Nigel Barr</td>
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<td>School of Nursing, Midwifery and Paramedicine</td>
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<td>University of the Sunshine Coast</td>
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<td>B.3 11:50 – 12:15</td>
<td>Using linked data to provide better care for stroke patients</td>
<td>Delacombe Room</td>
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<td>Daniel Gore, Global Ambulance Lead</td>
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<td>Trevor Read, Global Director Clinical Services, Lightfoot Solutions</td>
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<td>B.4 12:15 – 12:40</td>
<td>Endotracheal intubation associated with pre-hospital use of ketamine in the Australian Capital Territory: a 12 month retrospective analysis</td>
<td>Delacombe Room</td>
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<td>Patrick Meere</td>
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<td>Acting Clinical Quality Assurance Officer, ACT Ambulance Service</td>
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<td>Session D • Delacombe Room • Chair: Mick Cameron, AV</td>
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Burnout in Australian Paramedics  
Dr Elizabeth Thyer  
Senior Lecturer (Paramedicine), University of Western Sydney | **D.1 13:30 – 13:55**  
The benefits of ambulance research for our patients, our people and our services  
Mick Stephenson  
General Manager Emergency Operations (Acting), Ambulance Victoria |
It’s “time” to reflect on competency assessment in paramedicine.  
Anthony Smith, Acting Manager Continuing Education  
Queensland Ambulance Service | **D.2 13:55 – 14:20**  
Technological advances allow state of the art cardiac care for patients in rural and remote NSW  
Steven Faddy, Manager Clinical Program Evaluation, NSW Ambulance |
| 14:20 – 14:45 | **C.3 14:20 – 14:45**  
Are You WELLAware?  
Kristin Murray, Executive Manager People and Capability  
Wellington Free Ambulance, NZ | **D.3 14:20 – 14:45**  
The AVOID Trial - Air Versus Oxygen In Myocardial Infarction  
Ziad Nehme, Research Co-Ordinator  
Ambulance Victoria |
| 14:45 – 15:10 | **C.4 14:45 – 15:10**  
Integrating LGBTIQ paramedics into the workforce  
Corey Grant-Wakefield  
Lecturer, Queensland University of Technology | **D.4 14:45 – 15:10**  
Establishing the Aus-ROC Epistry  
Dr Ben Beck  
DEPM, Monash University, Australia |

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<th>Time</th>
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<th>Session D • Delacombe Room • Chair: Mick Cameron, AV</th>
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<td>15:10 – 15:20</td>
<td><strong>Afternoon tea. Trade Exhibition open</strong></td>
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### Afternoon tea

#### Lunch

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<tr>
<td>12:40 – 13:30</td>
<td>Plenary Address – Grand Ballroom</td>
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<td>13:30 – 15:10</td>
<td>Invitation to 2016 CAA Conference</td>
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<td>15:45</td>
<td>Ambulance Victoria - Responding to our community highlights:</td>
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<td>16:00</td>
<td>AW139 air ambulance helicopter &amp; presentation by flight paramedic, pilot and crewman</td>
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| 16:10 | Emergency Management Display  
- Command & Communications Vehicle (WX1)  
- Health Commander Vehicle  
- Emergency Support Vehicle including casualty clearing post |  |
| 16:15 | CPR & Public Access Defibrillator demonstration |  |
| 16:20 | General Purpose Ambulance; Single Responder Unit; Motorcycle Response Unit |  |
16:40  Tilt tray vehicles; Protective Equipment Vehicle
16:50  How our research is improving patient care
16:55  Careers at Ambulance Victoria
17:00  Emergency Management display
      - Personal Protective Equipment
      - Field Primary Care Clinic
      - Virtual Paramedic Simulation
      - Incident Management System (Noggin OCA)

Doors open to the public from 5PM to 7PM
CAA gratefully acknowledges our conference sponsors

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CAA Speakers – program

Conference MC
David Mann OAM, FAICD

In addition to his extensive career in media and public relations, David Mann is well known in the emergency services sector.

David is affectionately known as “the civilian with a trifecta of experience” in the Emergency Services circle for his roles with the Victoria Police Force, Melbourne Metropolitan Fire Brigade and Ambulance Victoria, where he has worked in an operational capacity for more than 30 years.

He has also travelled extensively over the past 20 years working with Emergency Services across the United States. He lectures to Emergency Service personnel on the role of the media in Australia - and the organisation of Emergency Services in the United States.

David has received many accolades including the Centenary Medal awarded by the Governor General in April 2003 in recognition of his dedication to emergency services.

He was also awarded an Order of Australia Medal (OAM) in January 2006: “For service to the community through a range of police, nursing, heritage and emergency services organisations”.

Awarded the ‘Chief Executive Officer commendation’ by Associate Professor Tony Walker ASM, Acting Chief Executive Officer Ambulance Victoria in September 2015.

Nigel Barr
Lecturer
University of the Sunshine Coast

Nigel is both a registered nurse and paramedic. He started in nursing in 1988 and then started as a paramedic in 1996. He is currently a lecturer at the University of the Sunshine Coast where he is completing a PhD exploring infection prevention and control in paramedicine.

Nigel has previously held the positions of Program Leader for the Bachelor of Paramedic Science programme at the University of the Sunshine Coast from 2010 to 2014, and Senior Operations Officer (clinical and education support) with Rural Ambulance Victoria.

Dr Ben Beck
Research Fellow
Monash University

Dr Ben Beck is a Research Fellow with the Australian Resuscitation Outcomes Consortium (Aus-ROC) within the Department of Epidemiology & Preventive Medicine at Monash University.

Within Aus-ROC, Dr Beck is the co-ordinator of the out-of-hospital cardiac arrest epidemiological registry, known as the Aus-ROC Epistry.

Professor Stephen Bernard
Senior Medical Adviser,
Ambulance Victoria

Stephen Bernard MD, FACEM, FCICM, FCCM, ASM is a senior intensive care physician at The Alfred Hospital and Director of Intensive Care at Knox Private Hospital, and Senior Medical Adviser to Ambulance Victoria.

His current research trials include: Therapeutic hypothermia for the treatment of neurological injury during cardiac arrest (The RINSE trial), Hyperoxia or normoxia after cardiac arrest (the EXACT pilot trial), and pre-hospital TXA in major trauma (The PATCH trial). He is also co-investigator in a number of other research projects in the pre-hospital setting.

Peter Bradley
CAA Board member & CEO,
St John Ambulance NZ

Peter began his career as an ambulance officer in Auckland before working his way up to the Regional Director of Ambulance Services for St John’s Northern Region. Peter then headed to Otago University to complete his MBA before he was head hunted by the London Ambulance Service (LAS) where he held a number of senior roles, most recently as
their Chief Executive Office. He was also the Chairman of the Association of Ambulance Chief Executives and National Director of Ambulance Services for the Department of Health from 2004 until his recent return to New Zealand.

Peter was awarded a CBE in the 2005 Queen’s New Year’s Honours for services to the Ambulance Service in England. He is a Fellow of the New Zealand Institute of Management.

**Robert Cameron OAM**

*Assistant Secretary*

*Crisis Coordination Branch*  
*Emergency Management Australia*

Rob is the Assistant Secretary, Crisis Coordination Branch, Emergency Management Australia. In this role he is responsible for the Australian Government Crisis Coordination Centre, a dedicated 24 hour facility which provides all-hazards, whole-of-government situational awareness, planning and incident management, the National Security Hotline.

Rob’s Branch develops and maintain national response plans which underpin the provision of Australian Government disaster assistance to states and territories and, working closely with them, is responsible for evaluating and exercising counter-terrorism and emergency management capability development.

Prior to his current role Rob managed the Health Emergency Management Branch in the Australian Government Department of Health’s Office of Health Protection. Rob has a Master’s degree in Public Policy from the Australian National University and a Graduate Certificate in Public Sector Management from Flinders University.

**Kate Cantwell**

*MICA Paramedic*  
*Ambulance Victoria*

Kate is an Intensive Care Paramedic with Ambulance Victoria in Melbourne Australia. She has been a paramedic for 20 years. Kate has a Master’s degree in Epidemiology and Biostatistics and is now completing a PhD in Public Health. Her PhD topic is time of day and day of week patterns in ambulance demand.

**Professor Julie Considine**

*Deakin University’s Chair in Nursing at Eastern Heath*

Professor Julie Considine is Deakin University’s Chair in Nursing at Eastern Heath, one of Victoria’s largest health care services. In this joint appointment, Julie combines education and research in clinical and academic sectors. Julie has held clinical, education and research roles in emergency care over the last two decades and internationally recognised as a leader in research and education.

Julie is a Founding Fellow of the College of Emergency Nursing Australasia (CENA), and in 2013 was awarded the Julie Finucane OAM Medal for leadership in emergency nursing and commitment to CENA. She leads comprehensive research programs in Clinical Risk Management and Workforce Development and Service Delivery Models and her work related to clinical decision making, recognising and responding to clinical deterioration, and alternative graduate programs for nursing-paramedicine graduates is well recognised nationally and internationally.

Julie is the Deputy Editor of the Australasian Emergency Nursing Journal and represents CENA on the Australian Resuscitation Council where she also holds a position on their National Executive as Deputy Basic Life Support Convener. She also represents ANZCOR (Australian and New Zealand Committee on Resuscitation) on the ILCOR (International Liaison Committee on Resuscitation) Basic Life Support Taskforce. Julie has over 90 refereed journal publications and has attracted more than $4M in research and project funding.

**Dr Michael Cowling**

*Senior Lecturer*  
*CQUniversity*

Dr Michael Cowling is an information technologist with a keen interest in educational technology and technology ubiquity in the digital age, especially as it relates to the use of mixed reality in skills training, the changing technology culture in education, and the specific needs of students from non-English speaking backgrounds.

He is currently a Senior Lecturer in the School of Engineering & Technology at CQUniversity Australia. Dr Cowling is
currently a partner in an OLT Innovation and Development grant and is the recipient of 3 CQUniversity Learning and Teaching grants related to teaching technology. He is a twice recipient of the CQUniversity Learning & Teaching Award and gained a CQUniversity Student Voice Commendation for his teaching practice in 2014. He is a regular contributor to media outlet The Conversation and is also a regular contributor to Australian radio and print media on the topics of Educational Technology and Technology Ubiquity.

Kathryn Eastwood
PhD Candidate / MICA Paramedic
Monash University / Ambulance Victoria
Kathryn Eastwood is a MICA Paramedic with Ambulance Victoria, where she has worked for 15 years. She is currently completing her PhD whereby she is investigating the management of low-acuity patients by Ambulance Victoria.

Steven Faddy
Manager, Clinical Project Evaluation
NSW Ambulance
Steven is a clinical and research scientist with a background in cardiology and heart transplant research. He commenced employment with NSW Ambulance in 2010 where he is the Manager, Clinical Project Evaluation. This role includes monitoring and enhancement of the Prehospital Assessment for Primary Angioplasty (PAPA) and Prehospital Thrombolysis programs. Steven also currently sits on the NSW Chest Pain Pathway Working Group and the NSW State Cardiac Reperfusion Steering Committee.

With interests in prehospital care and systems improvement, Steven was heavily involved in implementing procedures to reduce door-to-balloon times in the major Sydney hospital where he previously worked.

Professor Judith Finn
Director of PRECRU, Curtin University
Professor Judith Finn is the Director of the Pre-hospital, Resuscitation and Emergency Care Research Unit (PRECRU) in the School of Nursing, Midwifery and Paramedicine at Curtin University; and Director of the Australian Resuscitation Outcomes Consortium (Aus-ROC) - NHMRC Centre of Research Excellence, administratively based in the School of Public Health & Preventive Medicine at Monash University.

Judith also holds an adjunct appointment as Research Professor with St John Ambulance Western Australia; and leads a successful program of pre-hospital and resuscitation research.

Daniel Gore
Global Ambulance Lead,
Healthcare Lightfoot Solutions
Daniel is part of the Global Healthcare Team at Lightfoot, specialising in Ambulance Services and Unscheduled Care. Daniel has worked in and around the NHS for 25 years and has held a number of middle and senior manager posts, including Director of Service Delivery at West Midlands Ambulance Service (UK) and Head of Emergency Operations and Performance Improvement at Essex Ambulance Service (UK).

More recently, as part of his work with St John New Zealand, Daniel led the design and implementation of a new response system across the country, modernising the way in which calls are prioritised and dispatched within the organisations control centres.

With his practical real-life experience with ambulance services across the globe, Daniel believes a broader, more system-wide perspective on health delivers greater benefits to patient outcomes and ambulance services. Much of his recent work is focussed on improving the system view of patient pathways, including stroke.

Corey Grant-Wakefield
Associate
Queensland University of Technology
Corey is an associate at the Queensland University of Technology in the Paramedic Faculty holding degrees in Paramedics and Nursing. He works full time as a registered nurse at St. Andrew’s War Memorial Hospital in Brisbane.

His key areas of interest are education and lesbian, gay, bisexual, transgender and intersex inclusion within the health care work force. He has assisted on two publications and previously presented at PAIC.
Peter Hayball
Principal Pharmacist
South Australian Ambulance Service

Dr Peter Hayball joined the South Australian Ambulance Service (SAAS) as the Service’s inaugural ambulance pharmacist in early 2012 after returning to Adelaide from Malaysia where he worked as Professor of Pharmacy with the UK’s University of Sunderland.

Peter has more than 25 years of experience in academic, hospital, community and consultant aspects of pharmacy and therapeutics in Australia, the UK and Malaysia and has published more than 50 international, peer-reviewed journal articles and book chapters. He is working towards achieving greater recognition for paramedic practice by pharmaceutical industry in the design of targeted medicine formulations for pre-hospital use.

When not working for SAAS he is a consultant pharmacist performing Medicare-funded Home Medication Reviews (HMRs) for patients referred to him by local General Practitioners; the aim of this service is to improve health outcomes, patient safety and to enhance quality use of medicines, most notably for elderly patients living in the community who are prescribed large numbers of medicines for multiple morbidities.

Paul Holman
Director Emergency Management, Ambulance Victoria

Paul has extensive and wide-ranging experience in operations and management across almost 40 years in the ambulance sector.

He has worked as a paramedic in mobile intensive care ambulance, Air Ambulance, helicopter, communications and field management. Prior to his current role, Paul held the position of Operations Manager, Emergency Management Department and Air Ambulance Victoria.

Paul is a member of the Australian College of Ambulance Professionals, Victoria, and holds a Graduate Diploma in Administration (Health). He was awarded the Ambulance Service Medal (ASM) in 2007 and the National Emergency Medal in 2011 for his service during the 2009 bushfires.

Toby Keene
Clinical Quality Assurance Officer
ACT Ambulance Service

Toby Keene joined the ACT Ambulance Service in 2001, qualifying as an Intensive Care Paramedic in 2004. Since then, he has gained experience as a flight paramedic, clinical educator and operations manager.

In 2007, he completed a 12-month attachment to the Australian Federal Police as an operations support paramedic. He has deployed on disaster relief operations to Victoria in 2009, Philippines in 2013, and Western Australia in 2015. In 2012, he was appointed to the position of Clinical Quality Assurance Officer in the ACT Ambulance Service. Toby’s tertiary qualifications include a Graduate Diploma in Applied Psychology, a Graduate Certificate in Aeromedical Retrieval and a Master of Public Health.

Craig Laplsey
Emergency Management Commissioner, Victoria

A year ago, Craig Lapsley was appointed as Victoria’s first Emergency Management Commissioner (EMC).

He is supported by Emergency Management Victoria.
As Commissioner, he has legislated coordination and control responsibilities over major emergencies in the south east Australian state of Victoria. Craig is responsible for the overall response to major emergencies, including the co-ordinated management of the consequences of emergencies.

Craig was Victoria’s first and only Fire Services Commissioner, appointed in 2010. The Fire Services Commissioner had legislative responsibility to provide leadership to the State’s three fire services - the Country Fire Authority (CFA), Department of Environment & Primary Industries (DEPI), and the Metropolitan Fire Brigade (MFB).

In his capacity as Fire Commissioner, Craig was the State’s senior-most operational fire fighter, leading response to major bushfires as the State Fire Controller.

Craig lead the co-ordination of relief and recovery efforts after the death of 173 people during the Black Saturday bushfires on 7 February 2009 as the Director of Emergency Management of Health and Human Services in Victoria. Almost three times that number died in the lead up as Victoria sweltered through a heatwave.

Graeme Malone ASM
Director, Clinical Innovation
NSW Ambulance

Graeme Malone is a career paramedic (Intensive Care paramedic) with over 36 years’ experience in NSW Ambulance managing across a broad number of areas including clinical governance, education and operational management in both rural and metropolitan settings.

Currently the Director, Clinical Innovation he is acutely aware that NSW Ambulance is one of the most rapidly changing components of the health care system in the nature of services provided, the speed of demand growth and in the skills and roles of its clinical workforce. He is passionate about the care provided to patients and is not afraid to question the “status quo” if it leads to improved patient outcomes.

He is active in implementing changes that improve clinical care, responds to new challenges in leading clinical innovation and new models of care. Of particular note are key areas of development in acute care (cardiac, stroke and trauma) and sub-acute and non-acute care (Low Acuity pathways, authorised and palliative care plans).

Group Captain Catherine McGregor
Speechwriter, strategic adviser to the Chief of the Air Force, Australia

Group Captain Catherine McGregor is currently serving as the speechwriter and strategic adviser to the Chief of the Air Force. She entered the Royal Military College Duntroon in 1974 and graduated to the Royal Australian Infantry.

Over a career in the Australian Regular Army spanning 40 years, she held a wide variety of regimental and staff appointments. She deployed on operations on three occasions including as the Commanding Officer of the Australian Army Training Team in Timor Leste. She is a Tetum linguist. In 2008, she was a Visiting Fellow to The Leverhulme Changing Character of War Programme at All Souls Oxford University in 2008 and holds a Master of Arts in War Studies from UNSW.

She was awarded the Order of Australia on 26 January 2012 for her exceptional service to The Australian Army. She served continuously as speechwriter to every Chief of the Army since 2000. She has held various appointments in Strategic Policy Branch at Army Headquarters. She transferred to the Royal Australian Air Force Reserve in June of this year on promotion to Group Captain.

She is a published author and has written on politics and cricket for The Australian, The Sydney Morning Herald, The Australian Financial Review, The Age. She is the Prime Minister’s delegate to the National Selection Panel for selection of The Prime Minister’s XI and is also the Head of Australian Services Women’s cricket. She is still active as a player and coach and will be part of the ABC Grandstand team for the forthcoming summer.

She was recently named as one of Australia’s 50 most powerful women by the Australian Women’s Weekly.

Associate Professor Biswadev Mitra
MBBS, MHS, PhD, MAAFP, FACEM
Emergency and Trauma Physician, The Alfred Hospital
Critical Care Research Division, Monash University

Dev is an Emergency Physician at the Alfred Hospital Emergency and Trauma Centre and an Adjunct Senior
Research Fellow at the Department of Epidemiology & Preventive Medicine, Monash University. He completed his medical undergraduate training at The University of Melbourne in 2000 and fellowship training in Emergency Medicine at The Alfred Hospital in 2008.

Dev also completed a Masters in Health Services Management at Monash University in 2008. He received an NHMRC Postgraduate Research Scholarship and completed his PhD on acute traumatic coagulopathy in 2012. Dev is also a member of the Australian Association for Forensic Physicians.

Dev’s main research interests include trauma resuscitation, epidemiology, health systems, policy and management. He is an examiner for the MICA Panel at the Department of Community Emergency Health and Paramedic Practice at Monash University, a facilitator for the Emergency Medicine Research Short Course and lecturer in Health Services Management, 4th year MBBS at Monash University.

**Research Projects:** Early Coagulopathy in Trauma Study, PATCH, HBOCVic

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**Dominic Morgan ASM**  
**CEO, Ambulance Tasmania**  
Dominic has over 23 years of diverse career development with Ambulance Service NSW, as a clinician, manager and specialist. This experience secured him the role of Chief Executive Officer of Ambulance Tasmania in 2009.

Dominic has a strong national profile as a Board member of The Australasian Council of Ambulance Authorities and has chaired a number of its sub committees. He is a Fellow of the Australian Institute of Management and is a Member of Paramedics Australasia, as well as being a currently certified Paramedic.

He is a member of the Tasmanian Department of Health and Human Service Executive and has a qualifications in education, health science and business administration. In 2011 was awarded the Ambulance Service Medal in the Australian Honors System for distinguished service to the sector.

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**Kristin Murray**  
**Executive Manager People and Capability Wellington Free Ambulance**  
Dr Kristin Murray is currently employed as the Executive Manager People and Capability at Wellington Free Ambulance. In her current role Kristin has focussed on building the people and capability strategy. A key component of this strategy has been the launch of the wellness program – Wellaware.

Kristin is a professional member of the Human Resources Institute of New Zealand with over 15 years’ experience as an senior HR practitioner in the public, private and charitable sectors in New Zealand and the UK. She recently completed her PhD in Human Resource management where she investigated generational cohorts and what they value in the workplace. She has presented at conferences both in New Zealand and internationally and has been published in both academic journals and business reviews.

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**Ziad Nehme**  
**Research Coordinator, Ambulance Victoria**  
Ziad Nehme is a paramedic and research coordinator at Ambulance Victoria. Ziad has a keen interest in clinical research, and is completing his PhD at Monash University. During his time as a research coordinator, he led coordination of the Air Versus Oxygen in myocardial infarction (AVOID) trial.

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**Peter Rau, Chief Officer, MFB**  
*EMPA, MBA, Grad Dip BA, Assoc Dip Applied Science (Fire Tech), Ad Dip Firefighting Management, GfFireE, GAICD*  
Peter joined the MFB’s executive leadership team in 2008 and has made a significant leadership contribution to the MFB and to several important initiatives including the successful FOLD project which resulted in the creation of the new Victorian Emergency Management Training Centre (VEMTC) at Craigieburn.

Peter Rau was appointed MFB’s Acting Chief Officer in December 2013 and was formally appointed to the role on 29 May 2014. He has over 30 years’ experience in fire and emergency management with the CFA and MFB.
Trevor Read
Global Director Clinical Services
Lightfoot Solutions

Trevor is a health professional by background having held senior clinical, operational and advisory positions in hospitals, central government agencies and professional bodies.

Frustrated by the lack of good information available to clinicians and managers to support decision making, Trevor moved into a role that saw the development of clinical case mix and activity based costing methodologies applied to the New Zealand health sector for the first time. After completing an MBA, Trevor became a Director in the Health, Education and Public Sector consulting team of Cap Gemini Ernst & Young and Practice Leader of the clinical decision support and case mix costing service lines for the health sector in Australia and New Zealand.

A move to a specialised public sector consulting firm working in Australasia and the UK, Trevor continued to focus on specification development, evaluation, selection and cost benefit analysis of ICT systems and process improvement within health provider units, particularly technology enabled process reengineering.

Michael R. Sayre, MD
Professor, Division of Emergency Medicine
University of Washington
Seattle, Washington, USA

Michael Sayre received his Doctor of Medicine from University of Cincinnati and completed Emergency Medicine residency at Allegheny General Hospital in Pittsburgh. He joined the Department of Emergency Medicine at the University of Cincinnati and served as the EMS Medical Director for the City of Cincinnati from 1992-2000. In 2003, he moved to The Ohio State University where he focused on improving survival from cardiac arrest.

He was the Chair of the Emergency Cardiovascular Care Committee for the American Heart Association during the 2010 AHA CPR & ECC Guidelines cycle. In 2012, he relocated to the University of Washington where he works as an emergency physician at Harborview Medical Center, serves as Medical Director for the Seattle Fire Department Medic One program, and directs the UW EMS Medicine Fellowship.

Michelle Shiel
Current position: Manager
– Low Acuity Care
NSW Ambulance

A qualified paramedic with a nursing background where the passion for palliative care was ignited while working in a palliative care nursing role, caring for both community and facility based patients.

Michelle has also successfully completed Project Management and Business Administration qualifications. Her current position focuses primarily on demand management strategies, non-acute models of care and continued work on safe alternatives to transporting patients to emergency departments and responsible for:

- The coordination of clinical redesign projects to facilitate in the reduction of access block in the emergency departments;
- Setting up of systems designed to provide ongoing measurable effectiveness of project initiatives;
- The ongoing monitoring of clinical outcomes, patient care and satisfaction.

Anthony Smith
Acting Manager of Continuing Education
Queensland Ambulance Service

Anthony is a career ambulance paramedic who has been involved in Queensland Ambulance Service for more than 30 years. During this time he has held various positions in operation, aeromedical, education, staff development and communication. Anthony has worked in both rural and urban locations.

Currently Anthony is in his second year of a PhD, with an interest in student paramedic assessment. The intention of the project is to investigate how professional and clinical competencies are used by assessors - university lecturers, sessional staff, and on-road paramedics, in the assessment of final year undergraduate students in a Paramedic Degree program in Australia and New Zealand.

Qualifications: Master of Education; Post Graduate Certificate in Professional Learning; Bachelor of Business Management; Advanced Diploma of Health Science (Pre-hospital); Certificate of Staff Training and Development; Associate Diploma of Applied Science (Ambulance)
Mick Stephenson  
**General Manager Emergency Operations (Acting), Ambulance Victoria**  
Mick is the acting General Manager of Emergency Operations with Ambulance Victoria, a MICA Paramedic and sessional lecturer at Monash University for MICA paramedic and Air Ambulance Victoria (AAV) students and holds a research adjunct position with ANZICS.  
His responsibilities include the delivery of road and air ambulance response for the state of Victoria.  
Mick has qualifications in paramedicine, intensive care paramedicine and intensive care nursing. He has co-authored a number of research publications and is a management committee member for a number of significant clinical trials. In the 2015 Australia day awards he was honoured with the Ambulance Service Medal for his work in clinical advancements and improving patient care.

Elizabeth Thyer  
**Senior Lecturer**  
University of Western Sydney  
Liz has worked as an advanced life support paramedic in Victoria for 11 years including time as a clinical instructor and peer support officer before her move into academia. She lectured in the Victoria University Paramedic program for 5 years before moving to Deakin Learning Futures, at Deakin University.  
Liz is now a Senior Lecturer and Academic Course Advisor at the University of Western Sydney Paramedic Program, working to develop the newest paramedic course in Australia.  
Her PhD was in physical anthropology and her more recent research has focused on the developing field of paramedic education and the paramedic workforce.

Glenn Weir  
**Acting Assistant Commissioner| State Emergencies and Security Command| Victoria Police**  
Glenn joined Victoria Police as a Police Cadet in 1980. After graduating from the Police Academy he served in the inner suburbs of Melbourne, mainly in uniform General Duties and several plain clothes secondments.  
In 1990 Glenn was promoted to the rank of Sergeant, performing supervision duties at Communications, and then at various locations in and around Melbourne, performing a number of secondments in the drug investigation field leading small teams focused on local drug interdiction.  
In 2000 Glenn was promoted to Senior Sergeant in the training field before transferring to station command at Dandenong and then Frankston Police Stations. Glenn then performed several secondments at Inspector rank.  
In 2006 Glenn played a lead role in the largest police operation ever conducted in Victoria, the 2006 Melbourne Commonwealth Games, as Deputy Commander of policing operations in the public domain. At the completion of the Commonwealth games Glenn performed an assignment as a member of a corporate project team Glenn was promoted to Inspector in 2006.  
In 2010 Glenn was appointed as the Local Area Commander for the Bass Coast/South Gippsland Police Service Area in South-East Victoria. Whilst at Bass Coast he had command of several international events such as the Australian Moto-GP and the World Superbikes Events at Phillip Island.  
In 2012 Glenn was promoted to Superintendent as the Divisional Commander for the Brimbank Division of Victoria Police’s North West Metro Region. He is currently performing higher duties as the Assistant Commissioner for the State Emergencies and Security Command.  
Glenn holds A Graduate Diploma of Leadership and Management and a Graduate Certificate in Advanced Management.  
He is a board member of the Westgate Branch of the Blue Ribbon Foundation and sits as a member on several community and industry steering committees, including the Sons of the West Program run by the Western Bulldogs Football Club. He is the immediate past President of one of Victoria’s largest cricket clubs and is an accredited Cricket Australia umpire.  
Glenn has been married to Helen, a medical administrator, for more than 30 years and has two children, who both work for Victoria Police.
Emeritus Professor Frank Archer
Director Monash University Disaster Resilience Initiative, Australia

Emeritus Professor Frank Archer, the former Head of the Department of Community Emergency Health and Paramedic Practice at Monash University, is Director of the Monash University Disaster Resilience Initiative (MUDRI), within the Monash Injury Research Institute.

Frank recently completed his term as the Chair, Board of Directors of the World Association for Disaster and Emergency Medicine (WADEM) and continues to serve on the Scientific Program Committee for WADEM’s biennial World Congresses. From 1993 to 2003, Professor Archer was the Senior Medical Director at the Metropolitan Ambulance Service in Melbourne and in addition to this, was the State Ambulance Medical Director for the Victorian Department of Human Services for 25 years.

Professor Archer has postgraduate specialist clinical fellowships in general practice, immediate medical care, and public health medicine. He is also a member of many national and international committees in the area of pre-hospital care.

Ryan Brown, BSc, MPH(c), PCP
Clinical Development Paramedic, Canada

Ryan roles at the Emergency Health Services in Nova Scotia include Palliative Care Training Paramedic, Clinical Development Paramedic and Mobile Care Team CEC Project Lead.

Donald’s academic achievements include a Bachelor of Science at Cape Breton University in Sydney, Nova Scotia and a Paramedicine Certificate as a Primary Care Paramedic.

He is currently a Master of Public Health Candidate at the University of Liverpool and has certifications for Airway Interventions & Management in Emergencies: Paediatric Advanced Life Support Provider: Advanced Cardiac Life Support Provider; International Trauma Life Support Provider and Cardiopulmonary Resuscitation (HCP). Ryan is also the Provincial EMS Journal Club Coordinator.

Jackie Clapperton
Emergency Nurse Practitioner, Critical Care Paramedic
St John New Zealand

Jackie has a Masters in Health Sciences. Her background in nursing led to her role as an emergency nurse practitioner and a critical care paramedic.

She is based in Gisborne on the east coast of New Zealand’s north island and has been with St John for 15 years.

Shane Clapperton
Territory Manager, St John New Zealand

Shane is also a critical care paramedic. Shane worked as a paramedic for 27 years before taking on the role of Territory Manager for St John for the past three years.

Scott Fyfe
Intensive Care Flight Paramedic, Ambulance Tasmania, Australia

Scott began his career as an ambulance officer in Victoria, moving on to become a mobile intensive care paramedic (MICA) and a clinical instructor working in Victoria. In the years before taking up his position in 2014 as an intensive care flight paramedic, fixed wing-Aero-medical and Medical Retrieval Division with Ambulance Tasmania, Scott obtained a Bachelor of Paramedic Studies at Monash University and a Bachelor of Health Science – Physician Assistant at James Cook University.

He has also undertaken a range of other courses including a Strategic Command Course at the Australian School of Emergency Management.

Before taking on his current role, Scott was Ambulance Victoria’s MICA Paramedic Community Support Coordinator in Omeo, in the state’s south east.
Kris Gagliardi  
*Shift Manager and Intensive Care Paramedic, Nelson, New Zealand*

At St John New Zealand, Kris is responsible for developing and implementing alternative care pathways across Nelson, Marlborough and the West Coast.

Prior to moving to Nelson in 2013, Kris was an ICP in Christchurch. His duties included regular shifts on response cars specifically dispatched to assess and treat low-acuity patients.

Kris has a strong interest in ST-elevation myocardial infarction (STEMI) systems of care, out-of-hospital referral pathways for low-acuity patients and treatment plans for frequent ambulance callers.

Kris is a Trustee of the New Zealand Paramedic Education & Research Trust, formed in 2011 to support paramedic tertiary education and research and to promote paramedicine as a mainstream health career.

Kris has a Bachelor of Arts (Political Science & History) from the University of Canterbury (UC), a Bachelor of Health Science (Paramedicine) from Auckland University of Technology (AUT) and is currently studying a Post Graduate Diploma in Health Science at AUT.

Richard Galeano ASM, MPH, B Bus, Paramedic  
*Aspen Medical, Australia*

After 12 years with Victorian Ambulance Service and 25 years with Queensland Ambulance Service, Richard retired and took up an appointment with Aspen Medical as an Intensive Care Paramedic.

Richard has worked in many areas of ambulance including clinical, educational, operational, executive manager, Workplace Health and Safety, strategy and policy. He has been involved with Queensland University of Technology since 2006 in the Paramedic Science and operational management areas.

Richard’s dissertation in his Master of Public health concerned cardiovascular risk in paramedics. He has developed a keen interest in the health and work-life balance of operational personnel and is completing a PhD in this area at QUT.

Matthew Goudreau CAP BPH  
*Director of Clinical Services, EasCare Paramedic Service, USA*

As Director of Clinical Services, Matthew coordinates all aspects of the Advanced Life Support Division for the largest private ambulance company in Massachusetts. He is one of the primary architects of EasCare’s Community Paramedicine Pilot Program and currently the Clinical Director and the Primary Investigator for the project.

Matthew has also worked at other services as an Advanced Life Support (ALS) supervisor and coordinator. At the New England Organ Bank, Matthew was the Donation Coordinator responsible for the management of organ donations including evaluation testing of organs, allocation to transplant centres and oversight of surgical recovery of organs.

Matthew’s academics achievements include a Bachelor of Public Health with an emphasis on Emergency Management. At the University of Pittsburgh’s Center for Emergency Medicine, certification as a Critical Care Paramedic with flight certification and instructor certifications for the American Heart Association.

Richard Larsen  
*Operations Manager, Patient Safety and Quality, SA Ambulance Service*

Richard Larsen is currently the Operations Manager, Patient Safety and Quality for SA Ambulance Service and is a Fellow of Paramedics Australasia.

He has been associated with SA Ambulance Service in a wide variety of roles for 25 years and has a clinical background as an Extended Care Paramedic, practicing in both the rural and metropolitan settings. Richard has a keen interest in the regulation of Paramedics, the development of paramedicine as a profession and practitioner education.
David Long BMScACP PhD Candidate

Intensive Care Paramedic (Casual), Ambulance Service of NSW, Metropolitan Division

One of David’s initial forays into his life-saving role began in the UK in 1992 when he qualified for a Royal Lifesaving Society Bronze Medallion.

Back in Australia he continued to be a lifeguard before signing up as a recruit for the Army Reserve Field Ambulance. In addition to officer training, David has a Bachelor of Education (Habilitation) ACU; an Advance Diploma Paramedical Science (Ambulance); a Bachelor of Health Science (Pre-Hospital Care) Charles Sturt University and was the winner of the Australian College of Ambulance Professionals (NSW Division) John Overton Prize for 2006.

Among other acknowledgements, David received the NSW Police Region Commander’s Certificate of Appreciation in 2007. David is a member of the Australian and New Zealand College of Paramedicine and a Candidate for Master of Applied Science (Research) at the Faculty of Health, Queensland University of Technology.

Susan Long MA ACP

President, North Central EMS Institute, USA

Susan, a paramedic for 31 years, is the Director of Clinical and Support Services at Allina Health Emergency Medical Services.

Allina Health has more than 26,000 employees, 5,000 associated and employed physicians and more than 4,000 volunteers across Minnesota and western Wisconsin.

In her role, Susan oversees the quality and safety functions, internal and external education activities.

In 2012, Susan was awarded a Masters of Arts in Leadership for her thesis, Study of Leadership Characteristics During Transformational Change in Healthcare Organizations, from the Metropolitan State University of Minneapolis.

She also has Bachelors of Arts and Business Administration from the Mankato State University.

Susan is also a member of the National Registry of Emergency Medical Technicians and currently serves as the chair of the Minnesota Ambulance Association Community Paramedic Advisory Committee.

Angela Martin

Paramedic, South Australia Ambulance Serviced, MScApp (Research) Candidate

Angela Martin has been a Paramedic with the SA Ambulance Service since 2003 and is currently based in Gawler, South Australia.

Angela holds a Bachelor of Nursing and a Graduate Diploma in Nursing Science (Emergency) and has previously held numerous positions in various urban and rural hospitals in Australia and the UK.

Angela’s passion is rural health and for the past three years she has been undertaking research to support the development of a model of care which could be adopted by the SA Ambulance Service to support volunteer operations and improve health outcomes for rural South Australian’s. This has included project management work and a two-month secondment to Country Health SA to scope out integration opportunities for community paramedics.

As the successful recipient of the 2013 SA Ambulance Service PA ASM Rod Kershaw Scholarship, Angela was able to consolidate her vision for SAAS by undertaking a research trip to North America, where she investigated three innovative Community Paramedicine programs.

Angela began her Masters in Applied Science (Research) at La Trobe University, Bendigo in January 2014 and was recommended for PhD upgrade in April 2015. Angela has joined a highly reputable Australian paramedical research team led by mentor Professor Peter O’Meara and has been actively reporting on her qualitative research findings from her North American trip via publication. Through her continuing research, Angela aspires to be a key advocate and driver in the development of an innovative community paramedicine program in rural South Australia.

Duncan McConnell ACP MBC

Program Director, Paramedicine, Griffith University, School of Medicine, Australia

Duncan has had 15 years operational experience as a paramedic during which time he has been awarded the
In conjunction with the 11th International Roundtable of Community Paramedicine

2010-2011 Queensland Floods and Cyclone Group Citation; the Australian Defence Medal (2005) and the Assistant Commissioner’s Commendation (for Bravery) 2004.

In 2011, he received the National Medal, which “recognizes long and diligent service by members of recognized government and voluntary organisations that risk their lives or safety to protect or assist the community in enforcement of the law or in times of emergency or natural disaster”.

Duncan’s qualifications include an Executive Masters in Business Administration; Master of Commerce; Graduate Certificate in Ambulance Manager from the Queensland University of Technology; Diploma of Health Science (Ambulance); Diploma of Information Technology and an Australian Fixed Wing Pilot’s licence.

Jacqueline Messer-Lepage
MBA
Executive Director and Registrar
Saskatchewan College of Paramedics, Canada

Jacqueline’s role as Executive Director and Registrar serves to protect the public through registering, licencing, educating and disciplining members of the college. It also sets strategic direction, budget development and has overall operational management, all in the public interest. Specific responsibilities include working on provincial, inter-provincial and national initiatives.

Jacqueline’s academic achievements include a Master of Business Administration; Advance Graduate Diploma Management (AGDM); Bachelor of Laboratory Technology; Certificate in Medical Laboratory Technology and a Certificate in Cardiology Technology.

Nathaniel Metz EMT-P
ACP, Operations Director, Prompt Extended Health Services, Battle Ground, Indiana USA

Nathaniel began his health career in the private sector, expanding his experience through nursing school and working in a hospital setting in a variety of roles from Nurses Aid to EKG Tech in the ICU, ultimately earning Paramedic certification.

He worked as the Education Officer for a local county operated service before being given the opportunity to run operations for the Central Division of Prompt Medical, Indiana’s largest private EMS service. Nathaniel established a Community Paramedicine Program for Prompt Medical called Prompt Extended Health Services, based on diversified EMS deployment models.

For several years, He has been involved in the proliferation of the Community Paramedicine models within Indiana. He supports and lobbies for legislation through his role as Vice President of Indiana EMS Association, and is President and Founder of the not-for-profit group, Indiana Mobile Health Collaborative, which is designed to assist EMS agencies within the state in the development of Community Paramedicine initiatives.

Nathaniel also serves on state formed stakeholder committees tasked with the early development of Community Paramedicine within Indiana.

Dr Peter O’Meara
Professor of Paramedicine, La Trobe University, Melbourne, Australia

Dr Peter O’Meara is the Professor of Paramedicine at La Trobe University. Peter has academic qualifications in health administration and public policy. His doctorate examined rural paramedicine models of service delivery. Prior to his La Trobe appointment he was employed at both Monash University and Charles Sturt University after working in rural ambulance services in Victoria for over 20 years.

Peter’s research publications and research interests focus on rural health, paramedic education and paramedicine models of care. He has focused on the evolution of community paramedicine models in North America. His research students are further extending this work through their own studies. He is a frequent conference speaker in Canada and the United States where the concept of community paramedicine is gaining traction as a mainstream role to meet the needs of communities and improve the operation of the health system.

Pierre Poirier.

Currently, Pierre is the Executive Director of the Paramedic Association of Canada. He is the chair of the renewal project for the Canadian Paramedic Profile (formerly...
the National Occupational Competency Profile) which defines the roles and the knowledge, skills, and abilities required to be a paramedic.

Pierre has been an Advanced Care Paramedic for more than 25 years. He has worked in private, municipal, third service and fire based systems. He has worked in Alberta and Ontario (Canada), Kuwait, Brunei, and Qatar. He spent 8 years with an air ambulance service. In 13 years with the Ottawa Paramedic Service, he assumed several Deputy Chief roles. In addition, he was the Project Manager for the construction of a world class Paramedic headquarters and Communications Centre.

Pierre has a Masters certificate in Municipal Leadership from Schulich School of Business at York University, a certificate in Health Management from the University of Saskatchewan, a Bachelor of Arts degree from the University of Manitoba and a Masters in Business Administration from the University of Alberta.

At present, Pierre holds the position of Chief, Security and Emergency Management with the City of Ottawa. In addition, he is the Project Director for the Interoperable Communications (radio) renewal project for the City of Ottawa.

He is the recipient of the Alberta Long Service Award, the Governor General’s Diamond Jubilee medal and the Exemplary Service medal.

Greg Reaburn ACP PA
Rural Paramedic, Queensland Ambulance Service

Greg began his career as an ambulance office with the Queensland Ambulance Transport Brigade in 1986 and went on to become a training officer. At Queensland Ambulance Service he progressed through the ranks as a station officer, intensive care paramedic and single officer ICP response. For two years he was rescue paramedic with the Care Flight Helicopter Rescue Service and went on to become a rural intensive care paramedic in 2008.

Greg’s qualifications include an Associate Diploma of Applied Science (Southbank TAFE), Bachelor of Arts (University of New England) and a Bachelor of Health Science – Physician Assistant (James Cook University). He is a board member of the Australian Society of Physician Assistants and a member of the Gold Key International Honour Society.

Buck Reed
Associate Lecturer in Paramedicine at the University of Western Sydney

Buck is a Qualified Paramedic in New South Wales and has practiced in both metropolitan and rural environments. Buck was the first rural paramedic to receive a prestigious Churchill Fellowship, which allowed him to study international models of community paramedicine.

He was also the first paramedic accepted to the NSW Health Rural Research Capacity Building Program. Buck is a PhD candidate researching community paramedicine and holds a Master of International Health Management.

Buck is heavily involved in the Australian paramedicine community as an academic, researcher and Deputy Chair of the NSW Chapter of Paramedics Australasia.

Patrick Sean Tyler
Executive Vice President & Chief Operating Officer, Fallon Ambulance Service, USA

Patrick has more than 20 years’ experience delivering mission-critical results. Working as the Executive Vice President and Chief Operating Officer, he is charged with company and subsidiary oversight, committed to cost-effective management of resources and quality performance.

Appointed Executive VP and Chief Operating Officer in 1998, Patrick has overseen the largest privately held, family-owned and operated service in New England. Fallon has more than 60 employees in 11 different locations through Massachusetts.

Patrick was appointed President and Chairman of the Board of the Metropolitan Boston Emergency Medical Services Council in July 2013. The Council is the agency designated to coordinate the delivery of emergency medical services, within the 61 cities and towns comprising the Metropolitan Boston Area.

Patrick holds a Master of Business Administration and Masters of Science: Industrial Organizational Psychology, both from the Isenberg School of Management, University of Massachusetts, and each achieving Magna Cum Laude.
Michael Wilcox  
**MD, Hennepin Technical College**  
**Community Paramedic Program, Minnesota, USA**  
Michael holds a Bachelor of Arts and Bachelor of Science – Medical Doctor, both from the University of Minnesota. His medical training included Hennepin County Medical Center; a medical fellowship in Critical/Emergency at the Archibald Bush Foundation and the Physician’s Leadership College at the University of St Thomas.

His background in EMS includes appointments as Medical Director across four different multi-county regions in Minnesota. Michael is a Fellow of the American College of Emergency Physicians and the American Academy of Family Practice.

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Mr Gary Wingrove, Chair,  
**International Roundtable on Community Paramedicine (IRCP)**  
Gary Wingrove is director of government relations and strategic affairs at Mayo Clinic Medical Transport of Minnesota and Western Wisconsin. He is president of The Paramedic Foundation and the Center for Leadership, Innovation and Research in EMS.

Gary will chair the board of Minnesota’s federally designated and contracted Quality Improvement Network, StratisHealth, in 2016 and 2017. Gary lives in rural Buffalo, Minnesota with his 16 year old twins, Joey and Allie, and cats Oreo and Midnight.

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Robert Zolcinski  
**Physician Assistant, Emergency Department, Townsville Hospital, Queensland**  
Robert had an unorthodox entry into the world of paramedicine starting out with a Bachelor of Business – Accounting and working as a programmer and systems analyst in Victoria. At Monash University, he obtained another degree, a Bachelor of Applied Science while managing a business and went to complete a Diploma of Paramedic Studies. He was awarded a Bachelor of Health Science – Physician Assistant at James Cook University in 2014.

Robert has worked as an advanced life support paramedic and acting team manager at Ambulance Victoria, been a full timer carer and a national sales manager for a medical equipment company. He is now a Physician Assistant and a Board member of the Australian Society of Physician Assistants.
Sponsors

Major Sponsors

Byron Group

Byron Group operates under several brands, although one attribute underpins everything we do. We are driven by results. Our clients’ requirements are unique to them and we have experienced consistent growth since the 1960s because we understand, we innovate and we deliver.

Customers come to us from a wide variety of industries and sectors to manufacture solutions that solve their business problems, meet the needs of their businesses and to satisfy their regulatory requirements.

We’re an employer of more than 300 people in Australia and the United Arab Emirates, and our manufacturing plants across Australia span over 18,000sqm, including onsite certification and testing facilities.

North Central EMS Institute

The North Central EMS Institute (NCEMSI)

The North Central EMS Institute (NCEMSI) is a Minnesota non-profit corporation with charity 501(c)(3) tax-exempt status from the Internal Revenue Service. It was founded in 2000 by board members of the North Central EMS Cooperative.

NCEMSI is governed by a volunteer board of directors and receives income from individuals, corporations, and governments. Its efforts are primarily concentrated in research, benchmarking, education, performance of EMS systems and fostering collaboration among national and international groups.

NCEMSI is the main sponsor of the International Roundtable on Community Paramedicine (IRCP). The 10th annual IRCP meeting will be held in Reno, Nevada, United States, in September 2014. In 2008 NCEMSI copyrighted a “Community Paramedic” curriculum that was developed in collaboration with universities in the US, Canada and Australia. The curriculum is provided free of charge to any accredited college or university worldwide. The curriculum is currently in version 3, which was released in May 2012. In Fall 2011 we released the “Community Paramedic Program Manual”, a guide for communities and ambulance services to use in developing a Community Paramedic program. The manual has been downloaded from the internet an average of five times per day, every day, since October 17, 2011.

In 2014, we have commissioned a research study of our EMS Benchmarking Initiative. The NCEMSI has been collecting benchmarking data from EMS providers across the country since 2002 and we expect the analysis will provide opportunities for best practices for EMS services.

Vision

Improved EMS through the promotion of industry innovation and the elevation of its community recognition.

Mission

Bringing to life EMS innovations focused on value-added best practices and emerging ideas.

Values

- Creativity through Innovation.
- Accountability through Transparency.
- Collaboration with other thought leaders.
Platinum Sponsors

Stryker

Stryker EMS engineering and design teams focus on continuous innovation globally with the singular goal of improving patient safety and reducing injuries among medics and caregivers.

Stryker EMS is dedicated to delivering best-in-class solutions for real industry issues that reduce the risk of injuries to the caregiver and patient alike.

We have focused our efforts to address high risk injury areas including: transferring a patient up and down stairs, raising and lowering a patient on a cot, lateral patient transfer, and loading and unloading into and out of an ambulance.

RAPP

RAPP Australia’s NEANN brand design, manufacture and distributes innovative products of the highest quality for first response, pre-hospital, emergency and hospital medical equipment and suppliers.

An Australian owned company, RAPP Australia has been in operation for over 30 years. NEANN provide a full range of products to suit all areas of the medical arena from resuscitators, medical kits, CPAP devices, spinal equipment, anesthesia and airway devices, positioners, oxygen regulators and associated equipment. These products and more can be found in use around Australia in most ambulances, hospitals, clinics and emergency service team areas.

RAPP Australia Pty Ltd holds ongoing contracts will all State Governments in Australia as well as leading emergency agencies worldwide.

RAPP Australia is dedicated to the provision of medical equipment that adheres to the visions of each of our services, that is

• Effectiveness
• Reliability
• Safety of Use

Physio-Control

For us, it’s all about our vision: A world in which no person dies suddenly as a result of an acute, treatable medical event.

When it comes to Defibrillation, you can trust Physio-Control. 60 years on from inventing the first defibrillator we are the world leader in the development, manufacture, sale and service of external defibrillator/monitors and emergency medical response products and services.

Working in partnership with EMS, nurses, doctors and medical researchers, we vigorously pursue new technologies for incorporation into our family of products. Today our products are designed to work together to give emergency caregivers, in the hospital or on the street, more control of a critical event. Our path is clear. Our goal is simple. To manufacture emergency response tools of the highest quality to help clinicians and emergency responders, anywhere in the world, through the toughest kind of emergencies. We take our responsibilities seriously. When we say we work to help save lives, we mean it.

Every 15 minutes somewhere in the world, someone’s life is saved by a Physio-Control device.
Lightfoot

Lightfoot Solutions unlocks a transformative perspective that turns data into a key enabler for change.

Lightfoot helps healthcare organisations transition from a traditional silo based structure to a flow-based system-wide management approach. Harnessing the data behind the patient flow, organisations can optimize people, processes and equipment to deliver better patient outcomes across the ambulance service. The same data empowers staff at the grassroots to proactively explore new solutions and possible actions based on evidence and data-led predictions.

In the wider healthcare economy, the data delivered through Lightfoot’s lens enables ambulance to play an active and integral part in the wider healthcare ecosystem. Through this whole of system approach in health and social care we help create integrated pathways focused on patient needs that improve patients’ quality of life.

Our approach provides a unified, high definition view of what really drives effectiveness along the full patient journey. See it in real-data action for stroke patients on Thursday at 11:50am.

Gold Sponsors

Laerdal

Laerdal Medical is a leading provider of training, educational and therapy products for lifesaving and emergency medical care, dedicated to helping save lives. Our vision is that no one should die or be disabled unnecessarily during birth or from sudden illness or trauma.

Laerdal’s portfolio of patient safety programs, medical simulation products, CPR training manikins and emergency therapeutic products are used by enterprises around the world.

For more information, visit www.laerdal.com

CAE

CAE is a global provider of training solutions across the healthcare, emergency management, defence and mining sectors. CAE supports Emergency Management, including Ambulance through the provision of simulation based solutions which enable both individual and collective training at all level of operations. CAE is pleased to be supporting Ambulance Victoria through the first of kind development of the Ambulance Victoria Virtual Paramedic which delivers training of paramedics anytime and anywhere.”
The Australian & New Zealand College of Paramedicine

The Australian & New Zealand College of Paramedicine is a not for profit, member organisation focused on the professional development and support of paramedics and out of hospital clinicians in Australia and New Zealand.

The College provides face to face and online professional development events, educational scholarships and grants, advocacy for the paramedics, and runs the Paramedic Shop as a benefit to members and the profession.

The major College conferences for 2016 are Trauma on the Border, Tweed Heads, Friday 8th April and ANZCP Conference 2016, Melbourne, Friday 19th and Saturday 20th August. Details of the College, our conferences and activities can be found at www.anzcp.org.au

Interdev

Interdev is a leading developer globally of solutions for Emergency Medical Services and Professional Credential Management. Interdev is 100% Canadian owned company. Their flagship application (iMEDIC) leads the industry in innovation, analytics and integration. Interdev offers clients expertise in both health care and information technology. An emphasis on the user experience has gained Interdev a proven record of acceptance from paramedics across the country.

Founded in 1988 by a technology expert and a senior paramedic administrator, Interdev Technologies Inc. Has over 20 years of experience in Emergency Medical Services planning and data management. After two decades of growth, the founding partners keep involved with day-to-day operations, ensuring customers have the solutions and support they need to provide the highest level of patient care.

Keynote Sponsor

Australian Helicopters

Australian Helicopters (AHPL) specialises in immediate-response mission-critical helicopter services, operating 24 hours a day, every day of the year. These services include Emergency Medical Services (EMS), Search and Rescue (SAR), surveillance, law enforcement, aerial work and fire-fighting support. The company has been in operation for more than 25 years, employing dedicated and experienced industry professionals and is a trusted provider of critical community support services across Australia.

AHPL currently flies over 8,000 hours per year across its fleet of 18 turbine engine helicopters, from eight locations across Australia for customers such as the State Governments of South Australia, Queensland and Victoria and the Australian Federal Government. The company operates both single and twin-engine aircraft that are able to be deployed day or night across the country to support operations where required.

AHPL have been working with Air Ambulance Victoria in Essendon and Warrnambool for over 6 years and have recently been awarded a ten year contract taking effect from January 2016. The new contract involves adding operations to Bendigo and Latrobe Valley and the introduction of new specially configured AW139 twin-engine helicopters at all bases. This improved capability gives Ambulance Victoria the confidence to deliver best possible outcomes ensuring patient care is the priority.
Exhibitors

Active mobility

Active Mobility is proud to support the CAA by exhibiting the Mangar emergency lifting cushions. Visit us on Stand no. 23 to view the amazing ELK and CAMEL which can lift patients weighing up to 450kg from the floor.

The introduction of these products to Australian ambulance services will make groundbreaking improvements in the Work Health and Safety environment of emergency retrieval. With patient falls comprising a large proportion of call outs, the risk of musculoskeletal injury to paramedics is very high. By implementing Mangar ELKs, one UK ambulance service has been able to save almost $700000.00 in the first year through reduced staff leave.

To date, we have implemented ELKs and CAMELs in the following state services – Queensland, Victoria, Tasmania, South Australia and Western Australia. The ACT and Northern Territory currently have product on trial.

USL & Weinmann

USL Medical is a New Zealand owned Sales and Marketing Company, specializing in the supply of Medical products, Equipment, Service and support to the Health Care market of NZ and Australia. With an Annual turnover of $70 million, 7500 product lines, 110 staff, and offices in Auckland, Christchurch, Brisbane and Melbourne.

In a new association with Weinmann Medical Technology a family owned German company which develop and produce high-quality life-saving system solutions for the Emergency market. USL will provide the support and service to the Pre hospital, Hospital and Aero Medical markets.

Both companies guiding principle is to provide great reliability to our end users. Weinmann reliability is based on top quality equipment which is made possible by Weinmann 130 years of experience.

USL and Weinmann have highly motivated employees and our very close relationship with customers and end users helps with ensuring innovation, cost-effective and customized system solutions. This in turn provides treatment options which benefit of patients, doctors, nurses and paramedics.

FERNO

When lives are on the line, there is a company just as dedicated to protecting people and saving lives as you are.

Ferno Australia

Ferno develops, manufactures and distributes more than 10,000 products, providing essential emergency, rescue and safety equipment for any situation.

The quality and dependability of Ferno’s brand is well recognized and every day, our equipment is trusted by medical, rescue and safety professionals and volunteers.

From award-winning stretchers, immobilisation and evacuation products, ventilation and de-fib devices, medical and first aid cases to protective equipment, many of our products have been adopted as industry standard. For well designed, strong products, which perform when it’s critical, you can rely on Ferno.

Varley

Varley was established in 1886 and is one of Australia’s oldest and most advanced engineering and manufacturing companies.

Throughout its long history, Varley has steadily grown and diversified to provide a comprehensive range of first class products, service and workmanship to a broad range of major industries.

Varley’s ability to transform customer ideas into reality has earned the company a competitive reputation as a provider of innovative turnkey solutions and unsurpassed service, on local, national and international stages.

Varley’s current projects include, but are not limited to:

- specialised ambulance, fire, police, health, education and rescue vehicles (produced in Queensland, New South Wales or Victoria depending upon customer location);
- defence ambulances and arms storage facilities;
- industrial and recreational electric vehicles;
- power plant restorations;
- rail maintenance works.
Varley’s facilities are located at Tomago (Head Office), Carrington, Virginia, Milperra, Ballarat, Melbourne, Perth, Indonesia, USA.

**Medical Developments International**

Medical Developments International is an Australian company listed on the Australian Stock Exchange (ASX: MDI) delivering emergency medical solutions dedicated to improving patient outcomes. MDI is a leader in emergency pain relief and respiratory products.

The Company manufactures Penthrox®, a fast acting trauma and emergency pain relief product. It is used in Australian Hospitals including Emergency Departments, Australian Ambulance Services, the Australian Defence Forces, Sports Medicine and for analgesia during short surgical procedures such as Dental and Cosmetic surgery as well as in other medical applications.

MDI is expanding internationally and manufactures a range of world-leading Asthma respiratory devices.

**ZOLL**

ZOLL Medical Corporation, an Asahi Kasei Group company, develops and markets medical devices and software solutions that help advance emergency care and save lives, while increasing clinical and operational efficiencies.

With products for defibrillation and monitoring, circulation and CPR feedback, ventilation, data management, fluid resuscitation, and therapeutic temperature management, ZOLL provides a comprehensive set of technologies that help clinicians, EMS, and lay rescuers treat victims needing resuscitation and critical care. For more information, visit www.zoll.com.au