

A young girl with dark hair tied in a small ponytail with a yellow hair tie, wearing a white sleeveless dress, is leaning over a patch of yellow wildflowers on a sandy beach. She is reaching out with her right hand towards the flowers. The background shows a blurred view of the ocean and a clear sky, suggesting a bright, sunny day.

apls

Advanced Paediatric  
Life Support

PAC 2015  
CONFERENCE



Advanced Paediatric  
Life Support

# Welcome to the 2015 Paediatric Acute Care Conference.

APLS Australia is again delighted to sponsor this meeting for the benefit of our instructors and other paediatric acute care providers.

The annual PAC conference draws upon the expertise of a range of pre-hospital and hospital clinicians involved in the treatment of acutely sick and injured children.

I'd like to thank the members of the organising committee who, following on from their success in 2014, have committed to deliver another fantastic program this year.

In keeping with our mission to promote paediatric emergency health care through the delivery of high quality contemporary education, this year we have embraced the FOAM movement and arranged free and open access to PAC content online.

So whilst there is no substitute for being here, now everyone with an interest in acute care paediatrics can benefit. Whether promoting our message to those unfamiliar with PAC or merely reviewing some talks yourself, be sure to have a look at [vimeo.com/aplsaaustralia](http://vimeo.com/aplsaaustralia).

I am confident you will enjoy the next few days and look forward to seeing many of you again in 2016.

STUART LEWENA  
PRESIDENT, APLS AUSTRALIA

## CREDITS

### SCIENTIFIC COMMITTEE

Franz Babl, Phillip  
Davies, Justine Dawson,  
Arjun Rao, Jane Stanford,  
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### CONFERENCE COORDINATOR

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## TONI MEDCALF PLENARY

Karen Zwi will deliver this year's Toni Medcalf Plenary.

The session is dedicated to the memory of Toni, a much-loved APLS director, board member, and convenor of the first two PAC conferences.

## ABOUT APLS AUSTRALIA

APLS Australia trains over two thousand doctors, nurses and paramedics a year to the highest standards of paediatric emergency care.

In both Australia and nearby developing countries, our three day APLS and one day PLS courses give medical professionals confidence and skills which save children's lives.

Visit [www.apls.org.au](http://www.apls.org.au) or speak to any of our staff at PAC 2015 for more about us.

## DELEGATE INFORMATION

### VENUE

Crowne Plaza Coogee Beach, 242 Arden Street, Coogee, Sydney, NSW 2034. (02) 9315 7600.

### REGISTRATION

Fri 23 Oct, 8.30am.

### SESSIONS & SEMINARS

Oceanic Ballroom, Crowne Plaza Coogee Beach. Fri 23 Oct, 9am-4.30pm; Sat 24 Oct, 9am-4pm.

### APLS INSTRUCTOR DAY

Thurs 22 Oct. 12pm-1.30pm APLS directors only; 2pm-5pm APLS instructors & directors. APLS AGM, 4pm.

### PREDICT MEMBERS' MEETING

Wed 21 Oct, 9.30am-5pm; Thurs 22 Oct, 9am-12pm. PREDICT is the Paediatric Research in Emergency Departments International Collaborative and host their biannual members' meeting at PAC 2015.

### WELCOME DRINKS & DINNER

Coogee Surf Life Saving Club, corner Beach & Carr Street, Thurs 22 Oct, registered guests and families only. Drinks and canapés at 6pm, followed by beach-inspired casual dining, a gelato bar and live music.

### CONFERENCE DINNER

Crowne Plaza Coogee Beach, Fri 23 Oct, registered guests only. Pre-dinner drinks Bluesalt Bar 6.30pm, dinner Oceanic Ballroom 7.15pm. Three course gala dinner with live entertainment. If you wish to attend either function without a booking, speak to APLS staff.

### FOOD & DRINK

Meals during day sessions are included with your delegate package. All special dietary requirements requested in advance will be catered for.

### CPD POINTS

ACCRM and RACGP points are available for PAC, contact the governing body directly.

# SESSIONS & SPEAKERS

## THURSDAY

### Brian Jolly

#### **The role of assessment in APLS,**

12.30pm, Thurs

Brian is the Professor of Medical Education in the School of Medicine and Public Health at the University of Newcastle. He has long-standing interests and expertise in simulation, assessment, clinical teaching, giving feedback, clinical skills development, and research design and statistics. Brian is currently involved in redesigning the medical program at the Universities of Newcastle and New England. He is a recent past chair of the Australian Society for Simulation in Healthcare, a past member of the Medical School Accreditation Committee of the Australian Medical Council and a co-author of the revised Australian Curriculum Framework for Junior Doctors.

### Mike Starr

#### **The role of assessment in APLS,**

12.30pm, Thurs

Mike is a General Paediatrician, Infectious Diseases Physician, Consultant in Emergency Medicine, and Director of Paediatric Education at Royal Children's Hospital Melbourne. He's an APLS instructor/director. He's been involved in physician education and assessment for almost 20 years. He was formerly chair of the Royal Australasian College of Physicians Written Exam Committee and is currently chair of the RACP Clinical Exam Committee and the Physician Assessment Committee. He's interested in how formative and summative assessments can be mapped to a curriculum. But more important than all that, he sings in a rock band.

## FRIDAY

### Donovan Dwyer

#### **Chest trauma in children,** 9am, Fri

Donovan completed his internship and RMO year in 1991 at Baragwanath Hospital, South Africa, before embarking on a travelling career as a rural GP in South Africa, Canada, New Zealand and Australia. A one year stint at Johannesburg General Hospital Trauma Unit fostered an interest in emergency medicine and a move to Sydney. He currently works as an Emergency Physician at St George and Sydney Children's Hospitals. A long-standing interest in trauma has resulted in trauma representation in ITIM, ACEM and RACS and he is currently Director of Trauma at Sydney Children's Hospital.

### Joanne Morris

#### **The difficult adolescent patient in the emergency department,** 9.45am, Fri

Joanne is a General Paediatrician at Wollongong Hospital with an interest in adolescent medicine and weight management. She also works as a VMO with the Adolescent Medicine Unit at the Children's Hospital Westmead.

### Warwick Butt

#### **ECMO: uses and abuses,** 11am, Fri

Warwick is the Director of PICU at Royal Children's Hospital, Melbourne. He was the inaugural lead clinician of ECMO from its initial use at RCH in 1988 until November 2013. He has had over 300 scientific communications with major invited presentations at national and international meetings on critical care, post cardiac surgery, ECMO and anaesthesia. He also has a major research interest in ECLS, sepsis, traumatic brain injury and the assessment and prediction of outcome after ICU. He is currently on the editorial board of Pediatric Critical Care Medicine (WFPICCS) and Critical Care and Resuscitation (Australia, CICM).



### Ed Oakley

**We know what the evidence is. Why don't we do it?**, 11.45am, Fri

Ed is a Paediatric Emergency Physician and Director of Emergency Medicine at the Royal Children's Hospital Melbourne. He has an interest in research and incorporating best care into clinical practice in emergency departments. He is the lead researcher in the Paediatric Emergency Medicine Centre of Research Excellence in Australia, and is involved in research through the Paediatric Research in Emergency Departments International Collaborative (PREDICT).

### Paul Bloomfield

**Panel: transport dilemmas**, 1.30pm, Fri  
Paul is a General Paediatrician based in Orange, NSW. He became an APLS instructor in 2002 and a course director in 2009. His areas of interest include acute paediatrics, newborn resuscitation, developmental paediatrics and soccer.

### Deon Brink

**Panel: transport dilemmas**, 1.30pm, Fri  
Deon has been an Advanced Life Support paramedic for the past 15 years (road, helicopter and fixed wing), trained in South Africa. For the last eight years he has been based in Perth, where he is now the Executive Manager Clinical Governance for St John Ambulance WA. An APLS instructor since 2011 and course director since last year, he sits on the Australasian Council of Ambulance Authorities Clinical and Research committees and holds an Adjunct Research Associate position at Curtin University. Deon is also completing a Master in Health Service Management through Monash University Melbourne.

### Tina Kendrick

**Panel: transport dilemmas**, 1.30pm, Fri  
Tina is currently the Clinical Nurse Consultant – Paediatrics at NETS NSW. Tina

has been practising, teaching and researching in paediatrics and critical care for the past three decades. She has co-authored book chapters and journal articles on critically ill children, critical care nurse practice standards and credentialing for specialist critical care nurses, and transition to specialty practice. Her research is focused on clinical practices (e.g. cuffed ETT management in children, high flow oxygen therapy, clinical handover) in the paediatric retrieval environment.

### Kevin McCaffrey

**Panel: transport dilemmas**, 1.30pm, Fri  
Kevin trained as a Paediatrician with subspecialty Paediatric Intensive Care accreditation in the United Kingdom. In a move to reduce his carbon footprint he moved to Brisbane in 2007, but only after he'd confirmed that a beautiful shiny new Children's Hospital was to be built. Amongst his professional interests is the complex and risk-prone process of safely moving critically ill children between institutions. For fun, Kevin is completing his Fellowship in Wilderness Medicine, with a particular focus on issues relevant to children in austere environments.

### Paul Middleton

**Pre-hospital care, paramedics and paediatrics**, 2.30pm, Fri

Paul is a specialist in pre-hospital and emergency medicine, has worked as part of pre-hospital trauma and helicopter critical care retrieval teams in both the UK and Australia, and has been an APLS instructor since 1997. Paul is chair of the NSW branch of the Australian Resuscitation Council and Take Heart Australia. He is the Principal Investigator of the Distributed Research in Emergency and Acute Medicine (DREAM) Collaboration, aiming to perform epidemiological studies of all patients seen in ED. He was the lead author of What To Do When Your Child Gets Sick, and is the principal of SavingLittleLives, a

company founded to teach parents and other carers how to recognise sick and injured children. His former roles include several years as Medical Director of the Ambulance Service of NSW, founding Director of the Ambulance Research Institute and Chief Medical Officer to St John Ambulance, Australia.

### **Domenic Cincotta**

#### **Allergy for the acute care clinician,**

3.45pm, Fri

Domenic is a Paediatric Emergency Physician and Paediatric Allergy Specialist. An APLS instructor since 2005, he joined the Royal Children's Hospital Melbourne ED team in 1999 and the Allergy Department 10 years ago. Domenic currently works as a full time Emergency Consultant and in outpatient allergy settings. Consequently he sees a full spectrum of allergy presentations including anaphylaxis, food allergy and atopy – his primary interests.

## **SATURDAY**

### **Hasantha Gunasekera**

#### **Panel: the indigenous child in the emergency department,** 9am, Sat

Hasantha is a General Paediatrician at the Children's Hospital at Westmead and the Child and Adolescent Health Specialty Block Coordinator for the University of Sydney Medical Program. His PhD examined the epidemiology and management of otitis media in Aboriginal and non-Aboriginal children. He is involved in several Aboriginal research and service delivery projects across NSW and is part of the leadership group of the NHMRC Centre for Research Excellence in indigenous children's healthy ears.

### **Cathy McAdam**

#### **Panel: the indigenous child in the emergency department,** 9am, Sat

Cathy is a General Paediatrician whose primary role is Head of General Paediat-

rics at Monash Children's Hospital in Melbourne. She also spends five weeks per year working as a Paediatrician in the far north of WA in the remote Kimberley region. Her interest in indigenous health began as a medical student doing an elective with RFDS in Derby, was further enhanced by her time in Alice Springs as a Paediatric Registrar, then developed into a regular appointment as a Paediatrician in the Kimberley for the past 10 years. Cathy has been an APLS instructor since 1998 and enjoys directing the Kimberley course each year.

### **Andrew McDonald**

#### **Panel: the indigenous child in the emergency department,** 9am, Sat

Andrew trained as a Paediatrician in Sydney and England, and in 1990 commenced as a Paediatric Staff Specialist at Campbelltown Hospital. Since 1995 he has been visiting Tharawal Aboriginal medical service. He was elected as a Labor state MP for Macquarie Fields in 2007, and then again in 2011. From 2008 to 2011, he was Parliamentary Secretary for Health. From 2011 to 2014, he was Shadow Health Minister. Since returning to medicine in 2015 he continues to work at Campbelltown Hospital and Tharawal AMS, and lives in Campbelltown with his wife Jenny, also a Paediatrician. Andrew is a Conjoint Associate Professor at UWS and UNSW, remains a fellow of the RACP, as well being a fellow of the Royal College of Physicians and the Royal College of Paediatrics and Child Health (UK). He likes riding his red bicycle very slowly.

### **Toni Medcalf Plenary**

#### **Karen Zwi**

#### **Refugee children: issues to consider,** 10am, Sat

Karen is a Consultant Community Paediatrician at Sydney Children's Hospital (SCH), Head of the Department of Community Child Health, and Conjoint



Associate Professor at the University of New South Wales. She is Clinical Director at SCH. She has been centrally involved in service development for refugee and Aboriginal children in South Eastern Sydney and the Illawarra and was a Paediatric Adviser to the Australian Human Rights Commission Inquiry into Children in Immigration Detention.

### **Angela Chiew**

**Toxicology: pills that kill**, 11.15am, Sat  
Angela is an Emergency Physician and Clinical Toxicologist and currently works for Prince of Wales Hospital and as a VMO for NSW PIC. The Prince of Wales clinical toxicology service provides a consulting service for the Sydney Children's Hospital. Dr Chiew is also completing a PhD on paracetamol overdose – in particular massive paracetamol overdose, sustained release overdose and new biomarkers.

### **Ken Winkel**

**Danger in the long grass: venomous bites in children**, 12pm, Sat

Ken, a leading Australian toxinologist, is Senior Research Fellow in the Department of Pharmacology and Therapeutics at the University of Melbourne and is a Fellow of the Australasian College of Tropical Medicine (ACTM). He is a CSL IH Group honorary consultant on envenomation, and leads the AVRU medical advisory service. He co-developed the award winning Sharing Place, Learning Together indigenous science education and engagement project with Maningrida School in Arnhem Land and also co-developed the AVRU-bioCSL Australian Bites and Stings First Aid App. In 2008 every Australian school received a copy of the AVRU's children book Venom Patrol.

### **Franz Babl**

**Practicalities for research: converting a QI project into a publishable research project**, 1.30pm, Sat

Franz is a Paediatric Emergency Physician at the Royal Children's Hospital in Melbourne, Head of Research at the Murdoch Children's Research Institute and an Associate Professor at the University of Melbourne. He is the founding chair of PREDICT, and an executive committee member of PERN, the global collaboration of emergency research networks. He is a chief investigator on several National Health and Medical Research Council grants and a section editor of EMA.

### **Karen Dunn**

**M&Ms: recurring themes in the paediatric emergency department**, 2.15pm, Sat

Karen is a Paediatric Emergency Physician at the Royal Children's Hospital, Melbourne. Her career began in paediatrics, extended to genetics, international health, quality and safety in healthcare, and then to PEM. Her PhD (2008) on Adverse Events in a Tertiary Paediatric Hospital: Awareness, Seeking and Knowing, explored how healthcare professionals detect when things are going wrong. This led to understanding the importance of systems, transparency, and a culture of rescue. She is the co-ordinator of the Quality and Safety program in the Emergency Department of RCH and runs the monthly MM sessions.

### **Dianne Crellin**

**Establishing a nurse practitioner service**, 3pm, Sat

Di is a Nurse Practitioner in Emergency at the Royal Children's Hospital, Melbourne and the NP Stream Coordinator for the Master of Advanced Nursing Practice at the University of Melbourne. She established the NP service at RCH over 10 years ago and developed the clinical components of the NP program which is now accredited with the NMBA. Di has been an APLS instructor for over 10 years and is a current board member.

**THU 22**  
OCTOBER

**FRI 23**  
OCTOBER

**SAT 24**  
OCTOBER

MORNING



**WED 21 OCT**

9.30am-5pm

**THU 22 OCT**

9am-12pm

**PREDICT members' meeting**

**APLS Directors**

12pm

**Updates for directors**

Stuart Lewena

12.30pm

**Assessment in APLS**

Brian Jolly, Mike Starr

**1.30pm Lunch**

**APLS Instructors**

2pm

**Clinical & educational updates**

Tom Grattan-Smith,  
Jane Stanford

2.30pm

**ALSi workshop**

iSimulate

4pm

**APLS AGM**

4.15pm

**APLS Q&A**

Stuart Lewena

**5pm Close**

6pm

**Welcome Drinks & Dinner**

LUNCH

AFTERNOON

EVENING

**8.30am Registration**

9am

**Chest trauma in children**

Donovan Dwyer

9.45am

**The difficult adolescent patient in the ED**

Joanne Morris

**10.30am Morning Tea**

11am

**ECMO: uses and abuses**

Warwick Butt

11.45am

**We know what the evidence is. Why don't we do it?**

Ed Oakley

**12.30pm Lunch**

1.30pm

**Transport dilemmas**

Panel: Paul Bloomfield,  
Deon Brink, Tina Kendrick,  
Kevin McCaffrey

2.30pm

**Pre-hospital care, paramedics and paediatrics**

Paul Middleton

**3.15pm Afternoon tea**

3.45pm

**Allergy for the acute care clinician**

Domenic Cincotta

**4.30pm Close**

**6.30pm Drinks**

7.15pm

**Conference Dinner**

9am

**The indigenous child in ED**

Panel: Hasantha Gunasekera,  
Cathy McAdam,  
Andrew McDonald

10am

**Refugee children: issues to consider**

Karen Zwi

**10.45am Morning Tea**

11.15am

**Toxicology: pills that kill**

Angela Chiew

12pm

**Venomous bites in children**

Ken Winkel

**12.45pm Lunch**

1.30pm

**Practicalities for research**

Franz Bahl

2.15pm

**M&Ms: recurring themes in the paediatric ED**

Karen Dunn

3pm

**Establishing a nurse practitioner service**

Dianne Crellin

**4pm Close**

see you next year?

PAC 2016 | ADELAIDE | 20-22 OCT