

A young child with curly blonde hair is walking barefoot on a sandy beach. The child is wearing a blue and white striped t-shirt and denim shorts. The background shows the ocean with waves and a clear blue sky.

apls

Advanced Paediatric
Life Support

PAC 2018 CONFERENCE



Advanced Paediatric
Life Support

Welcome to the 2018 Paediatric Acute Care Conference.

A very warm welcome to beautiful Hobart – the home of great food, great wine, and great paediatric acute care education!

This year's conference is entitled "PAC 2018: Coming of Age" as we celebrate the 21st birthday of APLS in Australia.

Across the 21 years I have seen APLS "grow up" from a young and vibrant "Provider of Training" into a now more mature and far reaching "Community of Practice" which I hope will continue to contribute positively to the health of Australian children.

Our PAC Conference also continues to grow and mature. The Organising Committee has again responded to your feedback to provide a variety of topics, speakers and perspectives.

The Paediatric Acute Care conference provides an opportunity for our APLS Community of Practice to come together to update our knowledge, renew our friendships and enjoy some of that famous Tassie hospitality.

I look forward to catching up with many of you during the conference. Please enjoy our 2018 APLS Paediatric Acute Care Conference: "PAC 2018: Coming of Age".

**JASON ACWORTH
PRESIDENT, APLS AUSTRALIA**

CREDITS

SCIENTIFIC COMMITTEE

Jason Acworth, Jane Cichero, Phillip Davies, Justine Dawson, Ed Oakley, Jacquie Schutz, Jane Stanford, Stephen Teo, Chris Wilde

CONFERENCE COORDINATOR

Sally Guthrie

PAC ON DEMAND

David Watton, Adrian Cabrié

PROMOTIONAL PHOTOGRAPHY

Jenna Fahey-White

APLS AUSTRALIA

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DELEGATE INFORMATION

VENUE

Wrest Point Conference Centre, 410 Sandy Bay Road, Hobart, Tasmania

SESSIONS & SEMINARS

Tasman Room, Wrest Point Conference Centre. Fri 26 Oct, 8.30am-5pm; Sat 27 Oct, 9am-4.30pm

APLS INSTRUCTOR DAY

Wellington Room, Wrest Point Conference Centre, Thurs 25 Oct. APLS directors only from 10am; instructors from 1.30pm.

WORKSHOPS

Numbers are limited for the Friday afternoon program of workshops. Please sign up for the workshop of your choice at conference registration on Friday morning.

SOCIAL

Welcome Drinks | Thurs 25 Oct
Henry Jones Art Hotel, 25 Hunter Street.
Ferry departs Wrest Point to Brooke St at 6pm, return 10pm.

Conference Gala Dinner | Fri 26 Oct
Brooke Street Larder, Brooke Street Pier.
Ferry departs Wrest Point to Brooke St at 6.30pm, return 11.15pm. Ferry tickets available for \$15, speak to APLS staff.

TONI MEDCALF PLENARY

This year's Toni Medcalf Plenary will be delivered by Kate Curtis, following a short oration by Chris Webber. This session is dedicated to the memory of Toni, a much-loved APLS director, board member, and convenor of the first two PAC conferences.

SESSIONS & SPEAKERS

THURSDAY

Conversations
for learning:
APLS **instructor** day

Amy Seymour-Walsh

Stage fright: which stage do you drop?

1.30pm, Thurs

Amy has worked as a Paramedic in South Australia for 12 years and soon

began engaging in various aspects of clinical education including within the ambulance service, at university and to external agencies. Amy has recently completed a PhD which investigated and critiqued the effectiveness of an internationally-utilised four-step skill teaching method which ALS and APLS instructors will be very familiar with. Amy has recently relocated to regional South Australia with her husband, and continues to teach in the Master of Clinical Education at Flinders University between her clinical shifts.

Mike Shepherd

Maximising learning in short, low fidelity sims

2.15pm, Thurs

See p.6 for bio.

FRIDAY

Warm, pink & sweet: controversies in paediatric fluid management

John Fraser

Fluids in paediatric sepsis

9am, Fri

John is Director of the Critical Care Research Group (CCRG), the Prince Charles Hospital and University of Queensland, as well as Director of the Intensive Care Unit, St Andrew's War Memorial Hospital, and Pre-Eminent Staff Specialist – Adult Intensive Care Services at the Prince Charles Hospital. He is also Chief Executive Officer and Chief Medical Officer of De Motu Cordis Pty Ltd, and Chief Medical Officer and Founder of Quantum Medical Innovation Fund. He is a translational clinician–scientist with seven purpose built laboratories (biology, engineering and biofabrication), as well as the largest large-animal ICU in Australia. He holds professorships in intensive care, anaesthesia, medicine and engineering. Prof Fraser was recently awarded the Australian Society of Medical Research's 2018 Clinical Research Award in recognition of his efforts in research at a local, national and international level.

Susan Adams

Fluids in paediatric trauma

9.30am, Fri

Susan is a Senior Staff Specialist Paediatric general surgeon at Sydney Children's Hospital in Randwick. She has a long-term interest in paediatric trauma management, teaching and injury prevention. Susan is currently on the NSW Child Death Review Team for her injury

prevention knowledge. She coordinates a trauma research group across the Sydney Children's Hospitals Network and is involved in collaborative injury research with the Brown Group at Neuroscience Research Australia. Susan was one of the early Sydney APLS providers, and has been involved with APLS as an instructor for longer than it is polite to say. She learns at least as much as she imparts at every course.

Elliot Long

Fluids in paediatric DKA

10am, Fri

See p.7 for bio.

It takes a **system** to save a child

Kate Trenoweth

Setting up a new rapid response system

11am, Fri

Kate is a Medical Emergency Team (MET) Clinical Nurse Consultant at the Lady Cilento Children's Hospital in Brisbane. Kate has been a paediatric emergency nurse for 15 years and worked in both clinical and educational roles. She has a particular interest in rapid response systems, clinical redesign and quality improvement and continues to dabble in education and simulation when the opportunity arises. When she is not working she can usually be found undertaking an international trek from her ever expanding travel wish list.

Jane Cichero

Clinical scenario testing: testing new hospital systems for functionality using a simulation platform

11.30am, Fri

Jane has been a Paediatric Nurse Educa-

tor since 2002. Jane holds a Graduate Certificate of Paediatrics, Paediatric Critical Care and a Graduate Diploma of Clinical Teaching. Jane has extensive experience in general paediatric nursing, paediatric intensive care and paediatric emergency nursing. Her passion for education incorporates a passion for simulation. Jane completed the Harvard Medical Simulation as a Teaching Tool Instructor Course in 2011 and has continued to develop skills and knowledge in the world of simulation. Her current role as Nurse Lead for Simulation in the Emergency Department at Sydney Children's Hospital, Randwick enables her to promote and utilise simulation in many aspects of multidisciplinary education and quality and safety in emergency care. Jane has been an APLS instructor since 2004 and regularly instructs on the GIC courses.

Dane Chalkley

Nurse practitioners: models of care

12pm, Fri

Dane was born in the UK and trained primarily around trauma hospitals in London. A FRCER and FRCER, he moved to Australia in 2011 in search of pools, prawns, sunshine and barbecues. Dane has been an APLS instructor since 2015 and is the Acting Deputy Director of the emergency department at the Royal Prince Alfred Hospital in Sydney. He is the liaison with the hospital's paediatric department and has mentored nurse practitioners in both the UK and Australia.

Ruth Irwin

Nurse practitioners: models of care

12pm, Fri

Ruth is a Paediatric Emergency Nurse Practitioner at Royal Prince Alfred Hospital, Sydney. She has been a registered nurse for 10 years and an APLS instructor since 2014. Ruth previously worked at Sydney Children's Emergency Department as a Clinical Nurse Specialist, Clinical

Nurse Educator and Clinical Nurse Specialist 2. She has also has experience as a retrieval nurse with NETS NSW. Ruth has a passion for education and is committed to promoting the nurse practitioner role in emergency and paediatrics.

Bernadette Oxenberry

Nurse practitioners: models of care

12pm, Fri

Bernie is a Nurse Practitioner in the Paediatric Emergency Department at the Women's and Children's Hospital Adelaide. Bernie has over 30 years' experience in paediatric nursing having worked in oncology, PICU and emergency. She completed a postgraduate Diploma in Community Child Health Nursing in 2004 and worked in the Community in Family Home Visiting Programs, Pre-school screening, and Disability Services for seven years. Bernie returned to the PED in 2010 and soon after completed her Masters in Nursing to pursue a career as a nurse practitioner while helping to establish a new NP service within the department. She is passionate about succession planning for a strong and sustainable cohort of paediatric emergency NPs for the future.

The before, during and aftermath: traumatic experiences

Toni Medcalf Plenary

Kate Curtis

Current paediatric injury research: changing policy and practice

1.30pm, Fri

Kate has been an Emergency Nurse since 1994 and is currently the Nurse Consultant for Emergency at Illawarra Shoalhaven Local Health District. Kate is

Professor of Emergency and Trauma Nursing at the University of Sydney and an honorary professorial fellow at the George Institute for Global Health. Kate's translational research program focuses on improving the way we deliver care to patients and their families, and has attracted more than \$3 million funding. Kate is the world's most published author in the field of Trauma and Emergency Nursing and has mentored more than 40 clinicians in research projects.

Mike Shepherd

The hot debrief

2pm, Fri

Mike is a Paediatric Emergency Specialist from Starship Children's Hospital, Auckland, New Zealand. Mike was the Director of the Children's Emergency Department and is now the Director of Child Health – Medical and Community, Starship. Mike is an APLS course director and the vice-President of APLS New Zealand. Mike's work interests include evidence based practice, quality and safety systems, paediatric injury prevention and simulation training and education.

Trevor Matthews

What's new in pre-hospital trauma?

2.30pm, Fri

Trevor is a Rescue and Retrieval Paramedic with over 20 years' experience working for SA Ambulance Service. Apart from his operational role, his work responsibilities include staff wellness, driver development, database administration and activity reporting. Previously Trevor completed a Computer Systems Engineering degree and between family and work responsibilities still finds time to explore interests in this field, as well as diving.

Workshops and wellness

Jane Cichero

Putting the "Basic Assumption" into practice... in sim and everyday!

3.30pm, Fri

See p.4 for bio.

Abdul Musa

Mental health: de-escalating the difficult adolescent

3.30pm, Fri

Abdul is a Paediatric Emergency Physician at the Women's & Children's Hospital in SA. His interests are emergency mental health care and promoting paediatric resuscitation skills and knowledge in low resources areas. Dr. Musa is a Faculty member of the Paediatric Mental Health emergency training course PMH-ET that has ran at WCH since 2009. He is the Paediatric ED liaison with mental health team and the lead writer of several mental health polices and guidelines. He is the founder & faculty chair of the International Paediatric Life Support (IPLS) course that was established in 2014 and runs at six paediatric teaching hospitals in Iraq. The IPLS course recently provided to medical students at University of Adelaide. Find his work at www.iplscourse.com.

Andi Snelling

Mental health: de-escalating the difficult adolescent

3.30pm, Fri

Andi is a Melbourne-based actor, writer and role-play specialist. Her career highlights include working for the BBC, performing on London's West End, being the voice of Qatar Airways and her recurring role in Neighbours. Andi has been working in the patient simula-

tion sector for many years, helping facilitate a diverse range of educational needs around empathy and communication. She has worked extensively at the Royal Children's Hospital, the Eye and Ear Hospital, the Royal Women's Hospital and for the State Government of Victoria. She was also hand-picked to write an academic paper on the use of patient simulation as a key tool for empathy development for the University of Western Sydney. See www.andisnelling.com.

Sheree Paterson

A coach approach: a critical capability to achieve in healthcare for you and your team

3.30pm, Fri

Sheree is an Executive Coach, Facilitator, Leadership and Development Consultant (Ma App Sc, Coach Psych; Ma Ed, Adult Ed). Sheree is an executive coaching and leadership development specialist. Over 20 years' experience working in healthcare organisations in frontline clinician, development and senior management roles has enabled an understanding of the challenges health professionals face in increasingly complex systems. Sheree integrates evidenced-based positive approaches with a critical and developmental lens. She believes that purposeful action drives sustainable performance, and is committed to helping healthcare professionals develop capability in order to support themselves and those around them. Sheree helps clients to reframe challenges into opportunities, expand leadership and management practice, and supports wellbeing.

Numbers are limited for these sessions, so please sign up for the workshop of your choice at conference registration.

SATURDAY

PREDICT
presents

Stuart Dalziel

Status epilepticus: which second line is best?

9am, Sat

Evidence in the pipeline: a surf through new research studies

10am, Sat

Stuart is a Paediatric Emergency Physician at Starship Children's Hospital and Professor of Emergency Medicine and Paediatrics at the University of Auckland. He is the current chair of the Paediatric Research in Emergency Departments International Collaborative (PREDICT, Australasia's paediatric emergency medicine research network) and holder of numerous research grants from the Health Research Council (HRC) in New Zealand and the National Health & Medical Research Council (NHMRC) in Australia. His research interests are focused around acute paediatric presentations, specifically respiratory and neurological presentations, as well as long-term effects of perinatal / early life treatments.

Elliot Long

Head injury: isolated vomiting and other risk factors

9.20am, Sat

Elliot is a Paediatric Emergency Physician working at the Royal Children's Hospital in Melbourne. He has been an APLS instructor since 2008. He should be near completion of PhD studies through the University of Melbourne, be sure to ask him how it is going. His fluid research is increasingly focused on those composed of malted barley.

Simon Craig

High flow in bronchiolitis: PARIS and beyond

9.40am, Sat

Simon is an Emergency Physician working at Monash Medical Centre in Melbourne. He has a strong interest in clinical research, and is an active member of the PREDICT network. He wrote the Monash Children's Paediatric Emergency Medication Book, and was an editor of the recently released 3rd edition of the Textbook of Paediatric Emergency Medicine. He is undertaking a PhD in acute severe asthma, however, has in recent months discovered how much time can be wasted on Twitter!

Rapid-fire updates

Jason Acworth

What's new in paediatric resuscitation?

11am, Sat

Jason is the Director of Paediatric Emergency Medicine at the Lady Cilento Children's Hospital in Brisbane. He was a student on the first APLS course in Brisbane in 1997 and has been hanging around the organisation ever since. The organisation finally gave up and made him President last year. He is the Deputy Convenor of the Australian Resuscitation Council Paediatric ALS Sub-committee and holds an honorary position as the President of First Aid Services for St John Ambulance Queensland. Jason has a passion for paediatric resuscitation and simulation education and research. He married the girl of his dreams in 1993 (she still puts up with him) and is the proud father of two fine young men.

Mike Starr

What's new in paediatric sepsis?

11.20am, Sat

Mike is a Paediatrician, Infectious Diseases Physician and Emergency Consultant at the Royal Children's Hospital. He's Director of Paediatric Education and a Clinical Associate Professor at Melbourne University. He also sings in a band with a group of uni mates. None of them are about to give up their day jobs!

Mathie Muthucumaru

What's new in paediatric abdominal trauma?

11.40am, Sat

Mathie is a Consultant Paediatric Surgeon at the Royal Hobart Hospital. She has worked in Australia, UK, New Zealand, Sri Lanka, Fiji and Cambodia as a paediatric surgeon. Her qualifications include FRACS (Paediatric surgery), FRCS (Edin), FEBPS, MS (Sri Lanka). Her special interests include paediatric urology, hepatobiliary surgery and minimally invasive surgery.

Ben Symon

What's new in paediatric education?

12pm, Sat

Ben is a Paediatric Emergency Physician working at the Prince Charles Hospital and a Simulation Educator at Queensland Childrens Hospital's SToRK Unit. As a card carrying sim nerd, Ben has a strong interest in encouraging coal-face educators to become more familiar with the research behind simulation education in order to improve the depth and breadth of their debriefing skills. He founded the Simulcast Online Journal Club in 2016, an international, open access journal club that involves educators from around the world. Together with Jesse Spurr and Vic Brazil he regularly podcasts about new and classic simulation literature on their podcast 'Simulcast'. He can be found on twitter at @symon_ben.

Troubling patients: things that make you go... hmm

Jacquie Schutz

Heart-stopping moments

1.30pm, Sat

Jacquie is a Paediatric Emergency Physician from the Women's and Children's Hospital in Adelaide. She enjoys the variety and challenges that emergency medicine brings and the fun (usually) of working with children. She is constantly curious about how current practice has evolved, and discovering how it can be done better. She first attended an APLS course in 1997 and has been hooked ever since. Currently she is involved in the Course Development Committee, as well as instructing on local and overseas APLS courses.

Michelle Williams

Troubled teens in troubled times

1.50pm, Sat

Michelle is a Staff Specialist Paediatrician at the Royal Hobart Hospital, and

seems to have been around a long time. Like most regional paediatricians she does a bit of everything. She started the Paediatric and Adolescent Eating Disorder Service and sees a lot of adolescents. That has led to a lot of adolescent health and mental health joint clinics with the CAMHS teams. They have taught her lots – including some things that she wishes she could unlearn.

Kylie Stark

Too sick for the ward... not sick enough for the ICU

2.10pm, Sat

Kylie has a 34 year history in paediatric nursing and has worked in five children's hospitals in five different countries. She has a passion for leadership, nursing development and patient safety, and is focused on reducing harm to children and supporting staff in the delivery of evidence-based quality care. Kylie is an active consumer of any resources that may help us keep children safer. She's a current member of the NSW CENA Committee and Chair of NSW Emergency Care Institute ACI MOH.

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PAC On Demand.

Every conference session. **Free.**

vimeo.com/aplsaaustralia



Naomi Spotswood

There's a neonate in my waiting room!

2.30pm, Sat

Naomi is a Neonatologist who has recently joined Royal Hobart Hospital's Neonatal and Paediatric Intensive Care Unit. She completed her specialist training across Tasmania, South Australia and Victoria, and is currently undertaking a PhD which focuses on improving the diagnostic process for neonatal sepsis. Her interests include medical education, neonatal research and improving health equity. She teaches with several organisations, and particularly enjoys demystifying the secrets of neonatology.

Medical manslaughter: could it happen here?

Rosa Canalese

Medical manslaughter: could it happen here?

3.30pm, Sat

In her position as a Senior Medical Advisor at Avant, Rosa has assisted and supported many doctors who have been subject to complaints and faced disciplinary proceedings, coronial inquests and other types of investigative & regulatory processes. She brings to the role over 25 years' of clinical experience in general practice, as well as an extensive track record in education and training that has spanned the professional lifecycle from medical students to pre vocational & vocational training, as well as practitioner professional development and CPD. She has delivered countless hours of education and training, in addition to developing and implementing medical student and GP registrar curriculums. She has been actively engaged in medical education development and research, particularly in the area of assessment.

Don Grant

Medical manslaughter: could it happen here?

3.30pm, Sat

Don is a Senior Solicitor at Avant Law. In his role Don represents members in medico-legal litigation (complex and high value civil claims) and is based in the Sydney office. Don has worked in the defence of medical and other health practitioners for 20 years in civil proceedings, coronial inquests and disciplinary complaints. Prior to his current role at Avant Law Don worked for Meridian Lawyers in Sydney. Prior to working in medical defence Don worked as a Registered Nurse in coronary care.

Matthew Nettle

Medical manslaughter: could it happen here?

3.30pm, Sat

Matt is an Advanced Trainee in Emergency Medicine working in Brisbane. He has had experience working in primary health care and emergency medicine in many rural and remote locations in Queensland and metropolitan public and private EDs. He has taught and taken lead on various rural emergency courses over the last 10 years. He has completed a DCH and intends to return to Northern Australia on finishing his studies. His interests outside medicine include running and home DIY (especially trips to Bunnings!)

Kylie Stark

Medical manslaughter: could it happen here?

3.30pm, Sat

See p.9 for bio.

Mike Starr

Medical manslaughter: could it happen here?

3.30pm, Sat

See p.8 for bio.

Global Medics is pleased to support Advanced Paediatric Life Support



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THU 25 OCTOBER

APLS Directors

10am
Welcome & updates

APLS Instructors

12.30pm Lunch

1.30pm
Stage fright: which stage do you drop?
Amy Seymour-Walsh

2.15pm
Maximising learning in low fidelity sims
Mike Shepherd

3.30pm Afternoon tea

3.45pm
APLS committee updates

4.45pm
APLS AGM

5pm Close

6.30pm
Welcome Drinks

FRI 26 OCTOBER

8am Registration

8.45am
Welcome to PAC 2018
Jason Acworth

9am
Fluids in paediatric sepsis, trauma and DKA
John Fraser, Susan Adams, Elliot Long

10.30am Morning Tea

11am
Rapid response systems
Kate Trenoweth

11.30am
Clinical scenario testing
Jane Cichero

12pm
NPs: models of care
Ruth Irwin, Bernadette Oxenberry, Dane Chalkley

12.30pm Lunch

1.30pm
Current paediatric injury research: changing policy?
Kate Curtis

2pm
The hot debrief
Michael Shepherd

2.30pm
Pre-hospital trauma
Trevor Matthews

3pm Afternoon tea

3.30pm | Concurrent
Coaching workshop
Sheree Paterson
Mental health workshop
Abdul Musa
Simulation workshop
Jane Cichero

7pm
Conference Gala Dinner

SAT 27 OCTOBER

9am
Status epilepticus: which second line is best?
Stuart Dalziel

9.20am
Head injuries & risk factors
Elliot Long

9.40am
High flow in bronchiolitis
Simon Craig

10am
Evidence in the pipeline
Stuart Dalziel

10.30am Morning Tea

11am
What's new in paediatric resuscitation, sepsis, trauma & education?
Jason Acworth, Mike Starr, Mathie Muthucumaru, Ben Symon

12.30pm Lunch

1.30pm
Heart-stopping moments
Jacquie Schutz

1.50pm
Troubled teens
Michelle Williams

2.10pm
Too sick for the ward, not sick enough for ICU?
Kylie Stark

2.30pm
Neonate in my waiting room!
Naomi Spotswood

3pm Afternoon tea

3.30pm
Medical manslaughter: could it happen here?
Panel

4.30pm Close

MORNING

LUNCH

AFTERNOON

EVENING