



31 JULY -
3 AUGUST
2018

Humanity, technology
and the evolution of healthcare

Program

Tuesday 31 July

7.30am–5.00pm	Registration open
8.30am–10.00am Russell Strong Auditorium	<p>Official opening <i>Chair: Professor Michael Stowasser</i></p> <p>Welcome to Country <i>Songwoman Maroochy</i></p> <p>Welcome <i>Professor Michael Stowasser, Chair, PAH Health Symposium 2018</i></p> <p>Welcoming remarks <i>Ms Janine Walker, Chair, Metro South Hospital and Health Board</i></p> <p>Official opening <i>Hon Steven Miles, Minister for Health and Minister for Ambulance Services</i></p> <p>Keynote presentation Common sense among artificial intelligence: Reconstructing a humanity within medicine and technology <i>Dr Timothy Ihrig, Chief Medical Officer, Crossroads Hospice and Palliative Care, United States of America; 2018 International Fellow; TEDx speaker</i></p>
10.00am–10.30am	Morning tea
10.30am–12.00pm Russell Strong Auditorium	<p>The future of healthcare in addiction and mental health services—keeping the person at the fore  <i>Chair: Professor David Crompton</i></p> <p>Deep brain stimulation for psychiatric disorders—sham or a pacemaker for the brain? <i>Professor Steve Kisely, Metro South Addiction and Mental Health Service</i></p> <p>Where next: The evolution of addiction services within the hospital environments <i>Ms Linda Hipper, Metro South Addiction and Mental Health Service</i></p> <p>Lightning presentation: Drug and alcohol brief interventions in the Logan Hospital with a telephone follow up model of service</p>



Ms Sandy Clancy and Ms Rhonda Beggs, Metro South Addiction and Mental Health Service

What do consumers expect from our mental health services: Using qualitative methods to guide the future of healthcare delivery
Dr Stephen Parker, Metro South Addiction and Mental Health Service

Our quest for excellence—how the MSAMHS Nursing Pathway to Excellence journey will transform nursing at our service—our hope for the future
Ms Candida Blackwell and Ms Rosalia Perica, Metro South Addiction and Mental Health Service

Panel discussion: Suicide research and implementation of the zero suicide framework—a case study in suicide prevention
Ms Voirrey Brown, Ms Sarah Hamilton, Ms Kerrie Keepa, Mr Geoff Lau, Dr Balaji Motamarri, Dr Marianne Wyder, Metro South Addiction and Mental Health Service

12.00pm–1.00pm

Lunch break



12.15pm–1.30pm
Russell Strong Auditorium

Post-Traumatic Stress Disorder—the battle continues
Chair: Professor Darrell Crawford

Physical comorbidities of PTSD in Australian Vietnam War veterans
Professor Darrell Crawford, The University of Queensland

Comparison of sleep patterns and risk of OSA among veterans with and without PTSD using actigraphy and polysomnography
Ms Sarah McLeay, Gallipoli Medical Research Institute

The epigenetics of PTSD
Professor Ross Young, Queensland University of Technology

Are there multiple opportunities to prevent full blown PTSD?
Professor Carolyn Mountford, Translational Research Institute

1.30pm–3.00pm
Russell Strong Auditorium

Translating the microbiome into medicine: A snapshot of the Brisbane approach
Chairs: Professor Gerald Holtmann and Professor Mark Morrison

Introducing SYNERGY II—Synbiotic Easing Renal Failure by Gut Microbiology
Professor Mark Morrison, The University of Queensland Diamantina Institute

The role of the gut microbiome in immune-mediated disease, ankylosing spondylitis
Dr Peter Sternes, Queensland University of Technology

From the inside, out: The role of the microbiome in wound healing
A/Professor Kiarash Khosrotehrani, The University of Queensland Diamantina Institute


Get the complete picture with metagenomic microbiome profiling
Dr Alena Pribyl, Microba

Panel discussion



3.00pm–3.30pm	Afternoon tea
3.30pm–5.00pm Russell Strong Auditorium	<p>This is spinal trauma <i>Chair: Dr David Lockwood</i></p> <p>Mouthpiece ventilation—positively INSPIRational <i>Ms Brooke Wadsworth, Princess Alexandra Hospital</i></p> <p>Early modulation of spinal cord injury <i>A/Professor Marc Ruitenberg, The University of Queensland</i></p> <p>Getting spinal injury patients back to work <i>Tania Goossen, Spinal Life Australia</i></p> <p>Taking risks or becoming frail: Understanding spinal injury hospitalisations <i>Dr Steven McPhail, Centre for Functioning and Health Research</i></p> <p>Panel discussion: Translating innovation to outcomes</p>
5.00pm	Close

Wednesday 1 August

7.30am–7.00pm	Registration open
8.30am–10.00am Russell Strong Auditorium	<p>Technology and imaging advances in oncology <i>Chairs: Professor Ken O’Byrne and Dr Mark Pinkham</i></p>  <p>Innovative imaging technologies in dermato-oncology <i>Dr Anthony Raphael, The University of Queensland Diamantina Institute</i></p> <p>Multiparametric MR imaging in breast cancer <i>Dr Gorane Santamaria, Princess Alexandra Hospital and Translational Research Institute</i></p> <p>Functional imaging and tumour heterogeneity <i>Dr Rahul Ladwa, Princess Alexandra Hospital</i></p> <p>Theranostics: Combining imaging diagnosis and therapy <i>A/Professor Paul Thomas, Royal Brisbane and Women’s Hospital</i></p> <p>Innovation in cancer imaging with high and ultra-high field MRI <i>A/Professor Markus Barth, The University of Queensland</i></p>
10.00am–10.30am	Morning tea
10.30am–12.00pm Russell Strong Auditorium	<p>Genomics, personalised medicine, and you <i>Chairs: Professor Matt Brown and Dr Colm Keane</i></p> <p>Integration of genomics into healthcare: The Melbourne experience <i>A/Professor Clara Gaff, Melbourne Genomics Health Alliance</i></p>



Genomics and healthcare: International perspectives and Queensland plans
Professor Keith McNeil, Queensland Health

Providing personalised medicine to oncology patients at the Princess Alexandra Hospital
A/Professor Paul Leo, Queensland University of Technology

Panel discussion

12.00pm–1.00pm

Lunch break



12.30pm–1.30pm
Russell Strong
Auditorium

All in the wrist: Evolution of robotic surgery
Chair: Dr David Lockwood



Robotic Radical Cystectomy
Dr Ian McKenzie, Princess Alexandra Hospital

Colorectal surgery
Dr Joy Chakraborty, Princess Alexandra Hospital

Hepatobiliary surgery
Dr Shinn Yeung, Princess Alexandra Hospital

Skull base surgery
Prof Ben Panizza, Princess Alexandra Hospital

1.30pm–3.00pm
Russell Strong
Auditorium

Living and dying well with dementia
Chair: Associate Professor Ruth Hubbard



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

PA-Southside
Clinical Unit

A journey through health, ageing and dementia in the Torres Strait and Cape York: Can research and technology support clinical services and community driven models of care?
A/Professor Edward Strivens, Cairns and Hinterland Hospital and Health Service

Can social robots improve quality of life in people living with dementia?
Professor Wendy Moyle, Griffith University

How should patients with dementia die?
Dr Timothy Ihrig, Chief Medical Officer, Crossroads Hospice and Palliative Care, United States of America

3.00pm–3.30pm

Afternoon tea

3.30pm–5.00pm
TRI Auditorium

Research Excellence Awards—oral finalists
Chairs: Dr Helen Benham and Mr Dan Siskind



Laboratory/basic science—student

- *Ms Samantha Cosh*
- *Ms Paula Kuo*
- *Ms Farhana Matin*

Clinical science—student

- *Dr Samuel Chan*
- *Dr Danielle Harrop*
- *Miss Maleea Holbert*



5.00pm–7.00pm
TRI Atrium and
Seminar Rooms

Laboratory/basic science—early-career researcher

- *Dr Arutha Kulasinghe*
- *Dr Mitchell Sullivan*
- *Ms Christine Zhang*

Clinical science—early-career researcher

- *Dr Elizabeth Brown*
- *Dr Fiona Chan*
- *Dr Andrew Swayne*

Research Excellence Awards—poster exhibition and networking



7.00pm

Close

Thursday 2 August

7.00am–8.30am
TRI Seminar Room
2003

Radiologists using AI will replace those who don't
Dr Thomas Friese, Siemens Healthineers

7.30am–3.00pm

Registration open

8.30am–10.00am
Russell Strong
Auditorium

Kurt Aaron Oration and Awards Ceremony
Chair: Dr Michael Cleary



Awards

Research Excellence Awards winners announced

Kurt Aaron Oration

Technology and healthcare—what will the next ten years hold?

Ms Cathie Reid, ICON Group

The technology driven disruption of healthcare has been mooted for many years now, but with health data growing at an exponential rate are we nearly at the tipping point? What will the next 10 years hold, and how will clinicians merge technology and their humanity to good effect.

10.00am–10.30am

Morning tea

10.30am–12.00pm
Russell Strong
Auditorium

Human-machine collaboration: 3D bioprinting, digitising patients, machine learning and artificial intelligence

Chair: Dr Chris Cole

Digitalisation is key for better patient care

Dr Thomas Friese, Siemens Healthineers

Finding solutions for complex surgical problems: The integrated surgical planning suite

Dr Michael Wagels, Princess Alexandra Hospital

Google in healthcare



	<i>Mr Angelo Joseph, Head of Customer Engineering ANZ, Google</i>	
	Panel discussion: Barriers to digital progress	
12.00pm–1.00pm	Lunch break	
12.30pm–1.30pm Russell Strong Auditorium	The Great Debate: Technology has taken the humanity out of healthcare <i>Chair: Ms Bernadette Thomson</i>	
	Affirmative team <ul style="list-style-type: none"> - <i>Ms Lyndal Gray, Princess Alexandra Hospital</i> - <i>Dr Charley McNabb, Princess Alexandra Hospital</i> - <i>Mr Tom Steffens, Princess Alexandra Hospital</i> 	
	Negative team <ul style="list-style-type: none"> - <i>Ms Toni Bardwell, Princess Alexandra Hospital and QEII Jubilee Hospital</i> - <i>Dr Michael Cleary, PAH-QEII Health Network</i> - <i>Mr Joshua Simmons, Princess Alexandra Hospital</i> 	
	Summation <i>Dr Stephen Ayre, Metro South Health</i>	
1.30pm–3.00pm Russell Strong Auditorium	Challenges of kidney transplantation in adolescents and young adults <i>Chair: Dr Ross Francis</i>	
	Setting up a transition and young adult transplant clinic <i>Dr Rob Carroll, Department of Nephrology, Royal Adelaide Hospital</i>	
	Improving patient outcomes by better supporting adherence <i>Ms Amelia Cossart, The University of Queensland</i>	
	Helping young adults thrive: A developmentally informed support service for young people with a kidney transplant <i>Dr Alan Headey, Mater Young Adult Health Centre Brisbane</i>	
	Panel discussion	
3.00pm–3.10pm	Closing <i>A/Professor Matthew Foote, Program Chair, PAH Health Symposium 2018</i>	
3.10pm–3.30pm	Afternoon tea	
3.30pm	Close	



Friday 3 August

11.00pm–2.00pm

Registration open

12.00pm–1.30pm

Non-lethal strangulation: 'Red flag' of Domestic and Family Violence

Chair: Ms Sue Cumming

Opening remarks

Ms Janine Walker, Chair, Metro South Hospital and Health Board

Medical science of strangulation 101

Dr Bill Smock, Louisville Metro Police Department, United States of America

Non-lethal strangulation in Queensland: Two steps forward one step back

Ms Angela Lynch, Women's Legal Service

Learning from tragedy: The role of health in responding to the findings from the Queensland Domestic and Family Violence Death Review and Advisory Board

Dr Kathleen Baird, Griffith University and Mr Travis Heller, Department of Justice and Attorney-General QLD

1.30pm–2.30pm

Lunch

2.30pm

Close

Program correct as at 26 July 2018. Changes to program may occur.

