



SCIENCE ON THE SWAN 2021

Embedding Research and Innovation in Health Care with COVID-19 Insights

16-18 May 2021 • The Westin, Perth

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Sunday 16 May 2021	
9:30	Registration Opens - coffee/tea available
<p><i>Opening Session</i> Chair: Executive Director, Western Australia Health Translation Network, Prof Gary Geelhoed</p>	
10:30 - 11:00	Welcome Remarks Prof Gary Geelhoed Executive Director, Western Australia Health Translation Network
10:35 - 10:40	Welcome to Country with Matthew McGuire
10:40 - 10:50	Minister Dave Kelly MLA Minister for Water; Forestry; Youth (Representing the Premier and Deputy Premier)
10:50 - 11:00	Dr David Russell-Weisz Director General, The Department of Health WA
<p><i>PathWest</i> Chair: Chief Pathologist, Prof Miles Beaman</p>	
11:00 - 11:20	Forensic Biology in Western Australia - Current Status and Future Directions Dr Gavin Turbett PathWest
11:20 - 11:40	Early Outcomes from Mackenzie's Mission the Australian Reproductive Carrier Screening Project Prof Nigel Laing Harry Perkins Institute of Medical Research
11:40 - 12:00	"Troublesome Ticks"- an NHMRC funded multicentre study Miles Beaman PathWest
12:00 - 12:15	Genomics and Precision Cancer Management Prof Benhur Amanuel PathWest
12:15 - 12:30	In It for the long Run: FAST, COVID and Beyond Dr Tim Inglis PathWest and The University of Western Australia
12:30 - 13:30	<i>Lunch / Posters & Networking</i>
<p><i>East Metropolitan Health Service (EMHS)</i> Chair: Director of Research, Prof Daniel Fatovich</p>	
13:30 - 13:45	Research Improves Health EMHS video
13:45 - 14:00	Healthcare in a Virtual Environment Prof Grant Waterer East Metropolitan Health Service and Royal Perth Bentley Group
14:00 - 14:15	The Single Troponin Accelerated Triage (STAT) Chest Pain Study Dr Cara Barnes Royal Perth Hospital
14:15 - 14:30	The Emergence of Cell and Gene Therapies Dr Marian Sturm East Metropolitan Health Service
14:30 - 14:45	Challenging Uncertainties with Curiosity: The Story of Using Vena Cava Filters in Trauma Prof Kwok M. Ho Royal Perth Hospital
14:45 - 15:00	Royal Perth Hospital Bioengineering: 40 years of Translating Research and Innovation into Clinical Practice A/Prof Alan Kop PhD MSc CPEng IEAust Biomedical Engineer; Bioengineering (CITRA) Department of Medical Engineering and Physics Royal Perth Bentley Group
15:00 - 15:30	<i>Afternoon Tea / Posters & Networking</i>
<p><i>North Metropolitan Health Service (NMHS)</i> Chair: Executive Director of Quality, Safety, Governance and Consumer Engagement, Theresa Marshall</p>	
15:30 - 15:40	Consumer & Carer "Flipped Research" in Mental Health – PLEX / Pharmacogenomics / HBF Prof Sean Hood North Metropolitan Mental Health, Sir Charles Gairdner Hospital and The University of Western Australia
15:40 - 15:50	Probiotics for Preterm Infants: Difficulties in Translation Prof Sanjay Patole Neonatal Directorate, KEM Hospital for Women, and School of Medicine, UWA.
15:50 - 16:00	Pressure Injury Prevalence Over Two Decades at a Major Metropolitan Teaching Hospital Dr Linda Coventry Sir Charles Gairdner Hospital and Edith Cowan University
16:00 - 16:10	Creating Win-Win Outcome for Research and Clinical Care: The SCGH Pleural Experience Prof Gary Lee Sir Charles Gairdner Hospital and The University of Western Australia
16:10 - 16:20	Post-stroke Lateropulsion and Rehabilitation Outcomes: A Retrospective Analysis Ms Jess Nolan Sir Charles Gairdner Hospital and Edith Cowan University
16:20 - 17:00	The Experience of Translating Research to Practice Panel Discussion facilitated by Aron Chakera
17:00 - 19:00	<i>Welcome Reception</i> Welcome Reception Sponsorship by Business Events Perth



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Monday 17 May 2021	
07:00	Registration Opens
07:30 - 09:00	<p><i>Consumer and Community Involvement in Research Breakfast</i> <i>Putting the 'I' into Health Service Research -</i> Breakfast with a CCI Focus <i>Panel Facilitator: Consumer and Community Involvement Program, Western Australia Health Translation Network, Ms Deb Langridge</i></p>
	<p>Consumers: Jane Pearce and Kerry MacLaurin Researchers: Prof Cath Elliot Curtin University Prof Peter McEvoy Centre for Clinical Interventions, North Metropolitan Health Services, and School of Population Health, Curtin University Prof Daniel Fatovich Royal Perth Hospital and East Metropolitan Health Service</p>
09:00 - 10:30	<p><i>Child and Adolescent Health Services (CAHS)</i> <i>Chair: Chief Executive, Peter Richmond</i></p>
09:00 - 09:15	<p>Improving Prevention, Diagnosis and Management of sepsis in preterm infants Dr Tobias Strunk Neonatology, Child and Adolescent Health Service</p>
09:15 - 09:30	<p>"Djaalinj Waakinj (Listening, Talking)": partnering with the community to improve prevention, treatment and long-term outcomes for Aboriginal children with ear disease and hearing loss Dr Chris Brennan Jones Perth Children's Hospital, Child and Adolescent Health Service</p>
09:30 - 09:45	<p>General Movements : What are they , How have they changed care and what might more can they tell us ? Dr Jane Valentine Perth Children's Hospital, Child and Adolescent Health Service</p>
09:45 - 10:00	<p>"Getting acT1ve": A novel digital solution to empower young people with type 1 diabetes during exercise Dr Vinutha Shetty Perth Children's Hospital, Child and Adolescent Health Service</p>
10:00 - 10:15	<p>Improving Outcomes For Adolescent Mental Health Prof Helen Milroy Child and Adolescent Mental Health Service, Child and Adolescent Health Service</p>
10:15 - 10:30	Panel Discussion
10:30 - 11:00	<i>Morning Tea / Posters & Networking</i>
11:00 - 12:30	<p><i>WA Country Health Service (WACHS)</i> <i>Chair: Executive Director Innovation and Development, Ms Robyn Sermon</i></p>
11:00 - 11:15	<p>Working in Partnership for Research Translation Mrs Anita John and Mr Justin Manuel WA Country Health Service</p>
11:15 - 11:30	<p>Improving Chronic Kidney Disease Outcomes through Linked Data Modelling Mr David Lim Curtin University</p>
11:30 - 11:45	<p>The MADE Paediatric Safety Audit - Rethinking Paediatric Safeguarding in Rural Australian Hospitals Dr Marshall Makate Curtin University Dr John Van Bockxmeer WA Country Health Services</p>
11:45 - 12:00	<p>Treating Western Australia's Worst Serial Killer – Albany's Smoking Clinic A/Prof Mat Coleman Associate Professor in Rural and Remote Mental Health Practice, WACHS and UWA</p>
12:00 - 12:15	<p>The Compassionate Communities Connectors Model of Care: A Community and Health Service Partnership in the South West of Western Australia Prof Samar Aoun Perron Institute and La Trobe University</p>
12:15 - 12:30	<p>Tele Trials in WA Dr Wei-Sen Lam WA Country Health Services</p>
12:30 - 13:30	<i>Lunch / Posters & Networking</i>

13:30 - 15:00	<i>Private Hospital Research</i> <i>Chair: Deputy Director Medical Services, St John of God Hospital Subiaco, Prof Eli Gabbay</i>
13:30 - 13:45	Value Based Healthcare Prof Christobel Saunders The University of Western Australia
13:45 - 14:00	Cluster Designs Dr Ed Litton Fiona Stanley Hospital
14:00 - 14:15	PADDI - A Landmark ANZCA CTN Trial Suited to Many Hospital Types Prof Tomas Corcoran Royal Perth Hospital, The University of Western Australia and Monash University
14:15 - 14:30	TRACEBACK: A Proposed Framework to Increase Identification and Genetic Counselling of BRCA1 and BRCA2 Mutation Carriers Through Family-based Outreach to Prevent Women's Cancers Dr Paul Cohen St John of God Hospital (SJGH) Subiaco and The University of Western Australia
14:30 - 14:45	The ORIGINS Project: Creating a Platform to increase research capacity to better understand non-communicable diseases Prof Desiree De Silva Joondalup Health Campus; Telethon Kids Institute and The University of Western Australia
14:45 - 15:00	The Bendat Family Research Foundation: First 5 years Prof Eli Gabbay St John of God Hospital (SJGH) Subiaco, University of Notre Dame and The University of Western Australia
15:00 - 15:30	<i>Afternoon Tea / Posters & Networking</i>
15:30 - 17:00	<i>South Metropolitan Health Service (SMHS)</i> <i>Chair: Chief Executive, Paul Forden</i>
15:30 - 15:40	Optimisation of Cochlear Implant Settings Based on Cortical Auditory Evoked Responses Dr Dayse Tavora-Vieira Fiona Stanley Hospital
15:40 - 15:50	Exercise and CV Outcomes Prof Andrew Maiorana Curtin University and Fiona Stanley Hospital
15:50 - 16:00	NuESE-led Smoking Cessation Service Utilising Motivation Interviewing and Nicotine Replacement Therapy in Crohn's Disease Mr Daniel Lightowler Fiona Stanley Hospital and The University of Western Australia
16:00 - 16:10	The Lived Experience of Patients Following Total Laryngectomy in Western Australia; a Narrative Inquiry Ms Elizabeth Gatonga Edith Cowan University
16:10 - 16:20	Targeted lung cancer screening: The International LungScreen Trial (ILST) Dr Annette McWilliams Fiona Stanley Hospital and The University of Western Australia
16:20 - 16:30	VR and Medical Education Dr Rob Swart Fiona Stanley Hospital
16:30 - 16:40	Innovations in Patient Care in the ED Dr Ian Dey Fiona Stanley Hospital
16:40 - 16:50	AI and Radiology Dr Ashu Gupta Fiona Stanley Hospital
17:00 - 18:30	<i>Drinks with Oral Poster Presentations</i> <i>Chair: Melinda Fitzgerald</i> <i>Best Poster Abstracts</i>
17:00 - 18:30	Costs Associated with A Pre-operative Iron Deficiency Anaemia Clinic Mr Kevin Trentino Applying a Child-centred, Respectful Approach in Paediatric Trials Dr Therese O'Sullivan Flavonoid Intake and Ischemic Stroke Incidence in the Danish Diet, Cancer, and Health Cohort Mr Ben Parmenter Optimised Analytical Workflows for Targeted Phenomics in Population Cohorts Ms Monique Ryan Text Messaging to Follow-up An Emergency Department Cohort: Costs, Benefits and Lessons Learned Mr Jonathon Burcham Examining Cannabinoid-based Medicine Among Recipients Diagnosed with Dementia: A Cross-over Trial Dr Amanda Timler The Student Research Initiative Western Australia (STRIVE WA) for International Audit and Research Mr Kyle Raubenheimer (Presented by Mr James Leigh) Precision radiotherapy informed by multi-parametric MRI and machine learning Prof Martin Ebert



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Tuesday 18 May 2021 - COVID DAY	
08:15	Registration Opens
09:00 - 10:15	<i>WA Response to COVID-19</i> Chair:
09:00 - 09:05	Prof Gary Geelhoed Executive Director, Western Australia Health Translation Network
09:05 - 09:20	Dr David Russell-Weisz Director General, The Department of Health WA
09:20 - 09:35	Dr Andrew Roberstson Chief Health Officer
09:35 - 09:50	Dr Robyn Lawrence Deputy Chief Health Officer
09:50 - 10:05	Prof Peter Klinken AC Chief Scientist
10:05 - 10:15	Panel Discussion
10:15 - 10:45	<i>Morning Tea / Posters & Networking</i>
10:45 - 12:30	<i>WA Research Response to COVID-19</i> Chair: <i>Prof Sue Fletcher</i>
10:45 - 11:00	Department of Health Dr Darren Gibson Department of Health WA
11:00 - 11:15	WAHTN Experience Prof Gary Geelhoed Executive Director, Western Australia Health Translation Network
11:15 - 11:30	Covid Research Response Prof Toby Richards WA COVID Research Response and The University of Western Australia
11:30 - 11:45	Research Infrastructure Dr Merrilee Needham Fiona Stanley Hospital, Murdoch University and Notre Dame University Australia
11:45 - 12:00	Immunological Response to COVID Dr Michael O'Sullivan PathWest
12:00 - 12:15	Thrombosis and COVID-19 Prof Ross Baker Perth Blood Institute
12:15 - 12:30	Silver Chain Group, The Future of Care in the Home. More than 125 Years in the Making A/Prof Anna Barker Silver Chain
12:30 - 13:30	<i>Lunch / Posters & Networking</i>
13:30 - 14:30	<i>Keynote Address</i> Chair: <i>Dr Merrilee Needham</i>
13:30 - 14:30	The Secret Life of SARS-COV-2: A Molecular Physiological Perspective on the Natural History of COVID-19 and the Post COVID-Syndrome Prof Jeremy Nicholson Murdoch University
14:30 - 15:00	<i>WA Research Response to COVID-19</i> Chair: <i>Dr Merrilee Needham</i>
14:30 - 14:45	Canary in the Coalmine: Initiatives to Keep WA Mining Safe During COVID-19 Prof Chris Reid Curtin University
14:45 - 15:00	Collaborative, Cross-institution Mental Health Covid-19 Research Prof Sean Hood North Metropolitan Mental Health, Sir Charles Gairdner Hospital and The University of Western Australia
15:00 - 15:30	<i>Afternoon Tea / Posters & Networking</i>
15:30 - 17:00	<i>COVID-19 Session</i> Chair: <i>Susan Rumisha</i>
15:30 - 16:00	From Running Clinical Trials to Answering Community Questions Prof Jonathan Carapetis Telethon Kids Institute
16:00 - 16:15	REMAP-CAP: A Bayesian Adaptive Trial Identifying Treatments for COVID-19 Prof Steve Webb Monash University
16:15 - 16:30	Behaviour and Mental Health Before and After the Onset of the Covid-19 Epidemic Prof Alan James Sir Charles Gairdner Hospital
16:30 - 16:45	The Use of SARS-CoV-2 Genomics in Public Health Responses Dr David Speers PathWest
16:45 - 17:00	The WA community's drive to be involved in research Ms Deb Langridge Consumer and Community Involvement Program, Western Australia Health Translation Network
17:00 - 17:15	Closing Remarks Prof Gary Geelhoed Executive Director, Western Australia Health Translation Network
17:15 - 18:00	<i>Post-Conference Networking Drinks</i>