



SCIENCE ON THE SWAN 2018

Science, Health and Community

from mechanisms to models of care

1 - 3 May 2018 | Fremantle, Western Australia
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Monday 30 April 2018

09:00 - 16:00	Consumer & Community Involvement in Research Workshop - Ms Anne McKenzie AM , Head, Consumer and Community Health Research Network (CCHR) and Colleagues (Garden Room)
12:40 - 17:00	Life as a Clinician Scientist Workshop - Australian Academy of Health and Medical Sciences (AAHMS), Chaired by Professor Steve Webb (Rottnest Room)
17:30 - 19:30	Welcome Reception at Bathers Beach House - Sponsored by Perron Institute for Neurological and Translational Science

Day 1 – Tuesday 1 May 2018

09:00 - 09:45	Conference Opening & Welcome to Country: Chair Professor Graham Hall , Telethon Kids Institute Welcome to Country by Aunty May McGuire Welcome by Conference Co-Chairs Formal Conference Opening by Hon. Roger Cook MLA , Minister for Health
09:45 - 10:30	Session 1: Brain Development and Mental Health: Chair Professor Jim Coddie , The University of Notre Dame Australia Professor Jill Zwicker , Occupational Science and Occupational Therapy, Faculty of Medicine, The University of British Columbia, Canada <i>Integrating Brain Imaging and Rehabilitation to Improve Outcomes</i>
10:30 - 11:00	Morning Tea
11:00 - 12:30	Session 2: Changing Health Systems and Health Outcomes: Chair Professor Gary Geelhoed , The University of Western Australia Professor Rob Moodie , Academic Specialist, Melbourne School of Population and Global Health, The University of Melbourne <i>Corporations Taking Deadly Aim: How Some Supranational Corporations are Killing Us</i> Professor Christobel Saunders , Biochemistry, Professor of Surgical Oncology, The University of Western Australia <i>Value Based Health Care: The New Paradigm in Cancer Care</i> Professor Mike Daube AO , Professor of Health Policy, Faculty of Health Sciences, Curtin University <i>Tobacco Control and Public Health Policy: What Have We Learned?</i> Dr John Wray , Senior Clinical Advisor Child Development Service Department of Health WA and Ms Joanne Mizen , Senior Policy Officer Child Development Service Department of Health WA <i>A Child Development Service: The Story So Far</i>
12:30 - 14:00	Lunch and Poster Session
14:00 - 15:30	Session 3: Brain Development and Mental Health: Chair Professor Leon Flicker , The University of Western Australia Professor Tom Brenna , Professor of Paediatrics and Chemistry, Dell Medical School, The University of Texas, USA <i>Brainy Omega-3s: Why We Need Them, Some More Than Others</i> Associate Professor Erin Godecke , Senior Research Fellow, Speech Pathology within the School of Medical and Health Sciences, Edith Cowan University <i>Engaging Rehabilitation Services after Brain Injury: Equity, Quality and Improving Outcomes</i> Dr Sajib Kumar Saha , CSIRO, Rising Star Presentation <i>A Machine Learning Approach for Automated Classification of Exudates and Retinal Sheen in Fundus Photographs</i>
15:30 - 15:45	Afternoon Tea
15:45 - 17:10	Session 4: Exercise and Physical Activity as Medicine: Chair Professor Danny Green , The University of Western Australia Associate Professor Prue Cormie , Principal Research Fellow, Mary MacKillop Institute for Health Research, Australian Catholic University <i>Exercise Medicine for Cancer</i> Professor Keith Hill , Head of School, Office of the Provost Faculty of Health Sciences, Curtin University <i>Exercise to Reduce Falls Among Ageing Baby Boomers</i> Associate Professor Hayley Christian , Senior Research Fellow, Population and Public Health, The University of Western Australia <i>How the Built Environment can Facilitate Physical Activity and Health</i> Professor Desiree Silva , The University of Western Australia, Rising Star Presentation <i>The ORIGINS Project: A Community Project to Restore Global Health</i>
17:30 - 19:00	Early-Mid Career Researcher Networking Event - Drinks & Canapés Reception: Chair, Dr Bararah Badrian The University of Notre Dame <i>For EMCRs and Students, but everyone is welcome to attend (Orion Room)</i>

Day 2 – Wednesday 2 May 2018

09:00 - 10:35	Session 5: Aboriginal Health and Wellbeing: Chair, Professor Glenn Pearson , Telethon Kids Institute Session Opening by Hon. Ken Wyatt AM, MP , Minister for Indigenous Health Professor Alex Brown , Leader, Aboriginal Research Unit, South Australian Health and Medical Research Institute <i>Chronic Disease in Aboriginal Communities: Will the Real Interventions Please Stand Up?</i> Associate Professor Louise Maple-Brown , Principal Research Fellow, Wellbeing and Preventable Chronic Disease, Menzies School of Health Research <i>A Life-course Approach to Address the Challenges of Youth-onset Type 2 Diabetes in Aboriginal Communities</i>
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10:35 - 11:00	Morning Tea
11:00 - 12:25	Session 6: Life-course of Chronic Disease - Metabolism, Obesity and Diabetes: Chair Dr Elizabeth Davis, West Australian Department of Health
11:00 - 11:25	Professor Gerald Watts , Winthrop Professor, Medicine, The University of Western Australia <i>Know Your Genetic Risk to Prevent Early Heart Disease in Your Family</i>
11:25 - 11:45	Dr Richard Lipscombe , Managing Director, Proteomics International <i>Diagnosing Diabetic Kidney Disease: Partnering with Biotech to Improve Health Care</i>
11:45 - 12:05	Dr Shelley Gorman , Senior Research Fellow, Program Head, Diabetes and Obesity, Telethon Kids Institute <i>Can We Improve Our Metabolic Fitness Through Safe Sun Exposure?</i>
12:05 - 12:25	Dr Chris Brennan-Jones , Telethon Kids Institute, Rising Star Presentation <i>Chronic Otitis Media in Children: Epidemiology and Impact on Development</i>
12:25 - 13:45	Lunch and Poster Session
13:45 - 15:15	Session 7: Brain Development and Mental Health: Chair Professor Torbjorn Falkmer, Curtin University
13:45 - 14:15	Professor Jozef Gecz , Channel 7 CRF Chair for the Prevention of Childhood Disability, The University of Adelaide <i>Genes and Molecular Origins of Intellectual Disability and Autism</i>
14:15 - 14:35	Professor Juli Coffin , Head of Aboriginal Research, Programs and Partnerships, The University of Notre Dame Australia <i>Innovation for Aboriginal Youth Outcomes</i>
14:35 - 14:50	Dr Ashleigh Lin , NHMRC Research Fellow, Telethon Kids Institute and The University of Western Australia <i>Preventing and Treating Mental Health Problems in Young People</i>
14:50 - 15:15	Professor Ingrid Scheffer AO , Chair of Paediatric Neurology Research, The University of Melbourne <i>Epilepsy: Integrating Biology with Clinical Research</i>
15:15 - 15:30	Afternoon Tea
15:30 - 16:55	Session 8: Life-course of Chronic Disease - Lungs: Chair Professor Graham Hall, Telethon Kids Institute
15:30 - 16:15	Professor Bob Hancox , Research Professor, Department of Preventative and Social Medicine, Dunedin School of Medicine, New Zealand <i>Development of Respiratory Health: A Life-course Approach</i>
16:15 - 16:35	Dr Shannon Simpson , Adjunct Research Fellow, Centre for Child Health Research, The University of Western Australia <i>Pre-term Birth and Long-term Lung Health Outcomes</i>
16:35 - 17:00	Professor Wendy Brown , School of Human Movement and Nutritional Sciences, Faculty of Health and Behavioural Sciences, The University of Queensland <i>Sitting Less or Moving More? What is the Best Buy for Public Health?</i>
18:30 - 22:30	Conference Dinner and Rising Star Awards Dinner Presentation by Professor Nigel Laing AO , Head, Neuromuscular Diseases/Senior Principal Research Fellow, Harry Perkins Institute of Medical Research <i>Mackenzie's Mission: Pre-pregnancy Carrier Screening for Australia</i> Live music by Powerhouse . Dinner Sponsored by Orthocell and Rising Star Awards Sponsored by Proteomics International

Day 3 – Thursday 3 May 2018

09:00 - 09:50	Session 9: Life-course of Chronic Disease: Chair Jonathan Carapetis, Telethon Kids Institute Professor Bongani Mayosi , Dean, Faculty of Health Sciences, University of Cape Town, South Africa <i>Rheumatic Heart Disease, its Impact and Opportunities for Prevention</i>
09:50 - 11:00	Oral Presentations from Top Poster Finalists: Chairs Professor Sue Fletcher, Murdoch University and Professor Peter Leedman, Harry Perkins Institute of Medical Research Karen Redhead , The University of Notre Dame Australia <i>Depressive Symptoms are Associated with Sleep Apnea during Pregnancy</i> Jennifer Currenti , The University of Western Australia <i>Effect of Pre-adapted HIV on Disease Outcome Following Vertical Transmission</i> Amanda Timler , The University of Notre Dame Australia <i>Self-perceptions in Social Domains Mediate the Negative Relationship between Low Motor Competence and Identity Health in Adolescents</i> Dr Phillip Melton , Curtin University <i>Epigenome-wide DNA Methylation and Non-alcoholic Fatty Liver Disease in Adolescence</i> Ivan Lau , Curtin University <i>Clinical Value of Patient-specific Three-dimensional Printing of Congenital Heart Disease: Quantitative and Qualitative Assessments</i> Associate Professor Alec Redwood , Murdoch University <i>Single Cell Analysis of Cutaneously Recruited Drug-specific T Cells: Support for the Altered Peptide Model of Abacavir Hypersensitivity</i> Samantha Stiles , The University of Western Australia <i>Epidemiology and Life-course of Anaphylaxis in Western Australia</i> Adam Edwards , Perron Institute for Neurological and Translational Science <i>The Poly-arginine-18 (R18) Peptide is Neuroprotective in a P7 Rat Model of Perinatal Hypoxic-ischaemic Encephalopathy: A Dose-response and Therapeutic Window Study</i>
11:00 - 11:30	Morning Tea
11:30 - 12:15	Session 10: Brain Development, Mental Health, Aboriginal Health and Well Being: Chair Professor Leon Flicker, The University of Western Australia Professor Tony Broe , Conjoint Professor of Geriatric Medicine, UNSW and SPRF in the Ageing Research Centre and the Aboriginal Health and Ageing Program, Neuroscience Research Australia (Neura Institute) <i>Lifespan Social Determinants and Bio-medical Risks Interact in Healthy Brain Ageing: The Koori Growing Old Well Study</i>
12:15 - 13:15	Panel Session: Aboriginal Health and Well Being: Chair Professor Glenn Pearson, Telethon Kids Institute Professor Juli Coffin , The University of Notre Dame Australia, Prof Cheryl Kickett-Tucker , Curtin University, Dr Hannah McGlade , Curtin University and Prof Jill Milroy , The University of Western Australia Chaired by Professor Glenn Pearson , Telethon Kids Institute
13:15 - 13:30	Prize Presentations and Formal Conference Close: Chair Professor Gary Geelhoed, The University of Western Australia and Professor Una Ryan, Murdoch University
13:30 - 14:00	Lunch
14:00 - 16:30	Plain Language Writing Workshop - Ms Anne McKenzie AM, Head, Consumer and Community Health Research Network (CCHRN)