



Full Program

*Due to the current COVID-19 requirements, program details are subject to change

Child Health Symposium 2020



Day 1 - Tuesday 3 November 2020			
Telethon Kids Institute Science Showcase			
7:30am – 9:00am	Breakfast Session: <i>Strategies for managing and mining big data</i> Radhouane Aniba, Telethon Kids Institute The Manda, Telethon Kids Institute		
10:00am - 10:30am	Morning Tea & Event Registration PCH Auditorium Foyer Area		
10:30am – 12:00pm	Welcome and Plenary Session: Understanding and editing the epigenome From basic discoveries to future therapies Professor Ryan Lister, UWA Chair: Professor Jonathan Carapetis PCH Auditorium		
12:00pm - 1:00pm	Lunch PCH Collegiate Lounge		
1:00pm - 1:30pm	Concurrent overview: <i>Aboriginal Health 1000 Families Update</i> Professor Juli Coffin, Telethon Kids Institute Chair: Professor Catherine Elliot PCH Auditorium		
1:30pm - 2:30pm	<p>PCH Auditorium</p> <p>1. Research Focus Area – Brain and Behaviour Chair: Nick Buckley, Telethon Kids Institute</p> <p><i>Taking a population monitoring approach to supporting students' social and emotional wellbeing and mental health within the education system</i> David Engelhardt, Dept for Education South Australia Dr Tess Gregory, Child Health Development and Education Team</p> <p><i>CliniKids: embedding research within clinical practice for children with or autism or developmental delay</i> Professor Andrew Whitehouse, CliniKids</p> <p><i>A 10-year nationwide psychosocial autopsy of suicide in Australian youth using coronial data</i> Nicole Hill, Telethon Kids Institute</p>	<p>Seminar Room, Telethon Kids Institute</p> <p>2. Research Focus Area - Chronic and severe diseases Chair: Professor Elizabeth Davis, Telethon Kids Institute</p> <p><i>New treatments for brain cancer</i> Raelene Endersby, Telethon Kids Institute</p> <p><i>Wal-yan: bringing paed resp research under one umbrella</i> Steve Stick, Telethon Kids Institute</p> <p><i>Systems vaccinology – what does it mean?</i> Tobi Kollmann, Telethon Kids Institute</p> <p><i>A digital innovation for exercise and diabetes</i> Vinutha Shetty, Telethon Kids Institute</p>	<p>The Manda, Telethon Kids Institute</p> <p>3. Research Focus Area – Early environment Chair: Associate Professor Deborah Strickland, Telethon Kids Institute</p> <p><i>Immunity and Inflammation</i></p> <p><i>Infection and Vaccines</i></p> <p><i>Neonatal and Life Course Health</i></p>
2:30pm - 3:00pm	Afternoon Tea PCH Collegiate Lounge		
Concurrent session 3:00pm – 4:30pm	<p>PCH Auditorium Chair: Associate Professor Asha Bowen, Telethon Kids Institute</p> <p>1. Early career research presentations</p> <p><i>Developing a sensitive and specific SARS-CoV-2 antibody test</i> Sonia McAlister, Telethon Kids Institute</p> <p>COVID-19 in Ethiopia: A geospatial analysis of vulnerability to infection,</p>	<p>Seminar Room, Telethon Kids Institute Chair: Associate Professor Ashleigh Lin, Telethon Kids Institute</p> <p>2. Early career research presentations</p> <p><i>The role of mesenchymal stem cells in leukaemia development</i> Anastasia Hughes, Telethon Kids Institute</p> <p><i>Are epithelial cell cytokines associated with atopic dermatitis during infancy?</i></p>	<p>The Manda, Telethon Kids Institute Chair: Dr Sebastien Malinge, Telethon Kids Institute</p> <p>3. Early career research presentations</p> <p><i>Can we improve aerosol delivery to children computationally?</i> Natalie Anderson, Telethon Kids Institute</p> <p><i>Dense and diverse pneumococcal carriage in Papua New</i></p>

	<p>case severity, and likelihood of death Kefyalew Alene, Telethon Kids Institute</p> <p>Pre-B Acute lymphoblastic leukaemia cells inhibit differentiation of osteoblasts Vincent Kuek, Telethon Kids Institute</p> <p>Supporting Aboriginal children's cultural needs in early education settings Larissa Perry, Telethon Kids Institute</p> <p>Children's exposure to unhealthy food and beverage advertising near Perth schools Gina Trapp, Telethon Kids Institute</p> <p>Childhood burn injury increases susceptibility to disease by disrupting immunity Lucy Barrett, Telethon Kids Institute</p>	<p>Cristina Gamez, Telethon Kids Institute</p> <p>Validation of a well-accepted method for SARS-CoV-2 paediatric swabbing through the DETECT Schools Study Hannah Thomas, Telethon Kids Institute</p> <p>Pre-clinical cranial radiotherapy as a mouse model of neurological late effects Jessica Lawler, Telethon Kids Institute</p> <p>Early life respiratory infections perturb lung function in adulthood Laith Harb, Telethon Kids Institute</p>	<p>Guinean infants Kate Britton, Telethon Kids Institute</p> <p>Ezrin: a potential biomarker of respiratory epithelial repair and wheeze morbidity Thomas Iosifidis, Telethon Kids Institute</p> <p>The PATRIC (Pragmatic Adaptive Trial for Respiratory Infections in Children) Registry Mejbah Bhuiyan, Telethon Kids Institute</p> <p>Influenza hospitalisation and vaccination in Australian children: 2010-2019 Daniel Norman, Telethon Kids Institute</p>
5:00pm – 6:00pm	<p>Telethon Kids Institute Sundowner The Manda, Telethon Kids Institute</p>		
<p>Day 2 – Wednesday 4 November 2020</p>			
7:30am – 9:00am	<p>Breakfast Session: Big Ideas simple questions – Cohort, Registries and Data Governance Professor Toby Richards, UWA The Manda, Telethon Kids Institute</p>		
10:00am – 10:30am	<p>Morning Tea & Event Registration PCH Auditorium Foyer Area</p>		
10:30am – 12:00pm	<p>Welcome and Plenary Session: Bringing ideas to life Professor Fiona Wood, CAHS / SMHS / UWA Chair: Adjunct Professor Paul Watt PCH Auditorium</p>		
12:00pm – 1:00pm	<p>Lunch PCH Collegiate Lounge</p>		
Concurrent session 1:00pm – 2:30pm	<p>PCH Auditorium Chair: Julien Graciet, CAHS</p> <p>1. Creating clinical impact</p> <p>Toddler's Fracture Immobilisation (ToFI) Study Kate Bradman, CAHS</p> <p>Consensus statement to prevent respiratory illness in children with cerebral palsy Noula Gibson, CAHS</p> <p>Culturally informed healthcare transforms lung health for Aboriginal children Pamela Laird, CAHS</p> <p>Tramadol chocolate oral formulation: acceptability and tolerability Aine Sommerfield, Telethon Kids Institute</p> <p>Development and Validation of a Screening Instrument to Predict Aggressive Behaviour in the Hospital Setting: The BRACHA Initiative Vincent Mancini, CAHS</p> <p>Utility of Bedside Ultrasonography in realignment of Forearm Fractures at Paediatric Emergency Setting Simon Green, CAHS</p>	<p>Seminar Room, Telethon Kids Institute Chair: Dr Meredith Green, CAHS</p> <p>2. Community Health Research Workshop: Priorities & Partnerships for Prevention</p> <p>Current research context in Community Health Deborah Flynn and Terri Barrett, Community Health Co-Directors</p> <p>Assessment of psychosocial wellbeing for students transitioning to secondary school Dr Ailsa Munns</p> <p>The Child Development Service ADHD Clinical Care Pathway Dr Rona Kelly</p> <p>Identifying risk factors that predict developmental delay at 2 years Karen Forde</p> <p>Clinical effectiveness and business feasibility of providing online therapeutic information to parents of children with communication difficulties Dr Chris Lewis</p> <p>Measuring parent and child outcomes in the Child Development Service Dr Jodie Armstrong and Karen Nitsche</p> <p>Closing</p>	<p>The Manda, Telethon Kids Institute Chair: Professor Catherine Elliot, Telethon Kids Institute</p> <p>3. Supporting healthy lifestyle behaviours and environments</p> <p>Passive consent; A method of recruiting more representative survey samples Doona Cross, Telethon Kids Institute</p> <p>High intensity interval training in an aquatic environment does not increase pain in adolescents with cerebral palsy Nadine Smith, CAHS</p> <p>Evidence-based practice and practice-based evidence: lessons learned from the PLAYCE Policy Project Andrea Nathan, Telethon Kids Institute</p> <p>The impact a Mediterranean Diet in pregnancy on neonatal body fat composition: The ORIGINS cohort Danella Ashwin, Telethon Kids Institute</p> <p>Fit for Play: Integrating physical activity into children's mental health recovery Kathryn Fortnum, UWA</p> <p>Cystic Fibrosis and Family Surfing Program: A Pilot Study Joanna White, CAHS</p>

		<p>Roundtable discussions about potential research opportunities and partnerships that can strengthen the health and well-being of children across Perth. These discussions will cover:</p> <p><i>How can the tools and technology of virtual care be used to measure, monitor, treat and intervene in childhood developmental delays and disorders?</i></p> <p><i>What increased role could Community Health take to effectively support and promote the mental well-being of primary school children?</i></p> <p><i>What strategies are successful and feasible at engaging hard to reach clients in our child development and nursing services?</i></p> <p><i>Moort Maat-bidi (family journey) & The First 100 days: How would you evaluate a program using the social and emotional wellbeing framework?</i></p>	
2:30pm - 3:00pm	<p>Afternoon Tea PCH Collegiate Lounge</p>		
Concurrent session 3:00pm - 4:30pm	<p>PCH Auditorium Chair: Associate Professor Fenella Gill, CAHS and Sonia McAlistair, Telethon Kids Institute</p> <p>1. Lightning talks</p> <p><i>An innovative model for training in chest drain insertion for pneumothorax</i> Sachin K Agrawal, CAHS</p> <p><i>Preschool Autism Therapy: A randomised-controlled trial of communication therapies</i> Sarah Pillar, Telethon Kids Institute</p> <p><i>Neonatal lung disease predisposes children with cerebral palsy to later respiratory disease</i> Natasha Bear, CAHS</p> <p><i>Omics integration to assess in vitro rhinovirus infection in children</i> Patricia Agudelo-Romero, Telethon Kids Institute</p> <p><i>Developing a prediction model to estimate the true burden of RSV in hospitalised children in Western Australia (WA)</i> Amanuel Gebremedhin, Telethon Kids Institute</p> <p><i>Coping with chronic disease: The relationship between stigma and diabetes outcomes</i> Jesse Ingram, UWA</p> <p><i>Meeting Australian 24-Hour Movement Guidelines is associated with better pre-schooler social-emotional development</i> Hayley Christian, Telethon Kids Institute</p> <p><i>The Effect of SMS-Reminders on Child Health in Parents of Newborns</i> Mudra Shah, Telethon Kids Institute</p> <p><i>An Aboriginal-led cultural secure approach to enhancing social and emotional wellbeing among Aboriginal young people: The Yawardani Jan-ga ("Horses Helping") Program</i> Julie Coffin, Telethon Kids Institute</p> <p><i>Supporting family conversations about alcohol use in adolescence</i> Robyn Johnston, Telethon Kids Institute</p> <p><i>Parental Understanding of Medication Advice Labels: A Qualitative Study</i> Zainab AL KHAYRALLAH & Rose Ann MEDRIANO, UWA</p>	<p>Seminar Room, Telethon Kids Institute Chair: Associate Professor Sarah Cherian, CAHS</p> <p>2. Early-mid career research presentations</p> <p><i>Closed loop system on glycaemic outcomes in adolescents with Type 1 diabetes in a clinical trial</i> Mary B Abraham, CAHS</p> <p><i>Factors associated with developmental vulnerability in Aboriginal and Torres Strait Islander children who were born preterm in Western Australia.</i> Shobana Maruthayanar, CAHS</p> <p><i>Increasing incidence and severity of anaphylaxis in very early childhood</i> Natasha Moseley, CAHS</p> <p><i>Outcome for acute leukaemia is influenced by ethnicity and geography in Australia</i> Sandra Ruhayel, CAHS</p> <p><i>Time spent outdoors in childhood is associated with reduced risk of myopia as an adult</i> Gareth Lingham, UWA</p> <p><i>Volume of Gadolinium Enhancement and Successful Repair of the Blood-Brain Barrier in cALD</i> Michelle Ng, CAHS</p>	

	<p>Kids Voices: Improving Perioperative Care for Children Undergoing Tonsillectomies Megan Dodd, Telethon Kids Institute</p> <p>Childhood burn injury increases susceptibility to disease by disrupting immunity Lucy Barrett, Telethon Kids Institute</p>		
4:30pm - 6:30pm	<p>Evening Poster Session & Networking PCH Collegiate Lounge</p>		
Day 3 - Thursday 5 November 2020			
7:30am - 9:00am	<p>Breakfast Session: Digital Health Workshop Facilitator: Tara McLaren, Telethon Kids Institute The Manda, Telethon Kids Institute</p> <p>Sarah Doyle, What the Doctor Said Catherine Resnick, KinChip Systems Arthur Ong and Mohinder Jaimangal, Curve Tomorrow</p>		
10:00am - 10:30am	<p>Morning Tea PCH Collegiate Lounge</p>		
10:30am - 12:00pm	<p>Plenary session: Getting to grips with COVID-19 – research success and future impacts Chair: Professor Peter Richmond, CAHS PCH Auditorium</p> <p>DETECT Project: understanding the impacts of the COVID-19 pandemic in Western Australian schools Professor Peter Gething, Telethon Kids Institute</p> <p>BRACE your CoCo: The global role of Telethon Kids & CAHS in cutting-edge COVID trials Professor Tobias Kollmann, Telethon Kids Institute</p> <p>The update on COVID vaccine progress Associate Professor Chris Blyth, CAHS</p>		
12:00pm - 1:00pm	<p>Lunch PCH Collegiate Lounge</p>		
Concurrent session 1:00pm - 2:30pm	<p>PCH Auditorium Chair: Dr Simon Erickson, CAHS</p> <p>1. Multicentre research initiatives: Outcomes and lessons learnt</p> <p>Validation of WINROP (online prediction model) to identify severe retinopathy of prematurity (ROP) in an Australian preterm population: a retrospective study Saumil Desai, CAHS</p> <p>Video laryngoscopy: standard versus non-standard blades within the Paediatric Difficult Intubation Registry Elisa Robey, CAHS</p> <p>Risk of Leukaemia in Children with Peripheral Facial Palsy Meredith Borland, CAHS</p> <p>Metabolomics to predict asthma in preschool children Andre Schultz, CAHS</p> <p>FOT Equipment: From an Italian laboratory bench to paediatric theatres in W.A. Julie Nguyen, CAHS</p> <p>The pipeline to validating a severity measure for the CDKL5 Deficiency Disorder Jacinta Saldaris, Telethon Kids Institute</p>	<p>The Manda, Telethon Kids Institute Chair: Adjunct Professor Paul Watt, Telethon Kids Institute</p> <p>2. Innovation culture – driving game changing shifts in clinical understanding and care</p> <p>Remote After-Care Using Smartphones: Automated SMS to monitor children's pain at home Thomas Drake-Brockman, UWA</p> <p>A novel mHealth Application for young people with type1 diabetes to exercise safely Vinutha B Shetty, Telethon Kids Institute</p> <p>NOSE - A pilot study to determine feasibility of newborn nasal sampling Liz Starcevich, Telethon Kids Institute</p> <p>EHMT1 CRISPR modification in HEK293 cells recapitulates Kleefstra Syndrome disease phenotype Vanessa Fear, Telethon Kids Institute</p> <p>Cardiac remodelling post mitral valve surgery in paediatric rheumatic heart disease Adrian Tarca, CAHS</p> <p>Arresting dental caries in refugee children: a conservative approach Jilen Patel, UWA</p>	<p>Seminar Room, Telethon Kids Institute Chair: Anne McKenzie, Telethon Kids Institute</p> <p>3. Consumer and Community Involvement showcase</p> <p>Consumer and Community Involvement Showcase: The showcase will highlight the valuable role of consumer and community involvement in research across Telethon Kids Institute and the Child and Adolescent Health Service with the following presentations:</p> <p>Community Advisory Group for COVID-19 research Presented by Anne McKenzie AM together with community members, about the experience and necessity of including the consumer voice in rapid research</p> <p>Physical activity for early childhood education and care Phoebe George, Telethon Kids Institute</p> <p>Youth Think Tank: an innovative co-design approach to adolescent transition challenges Lindsay Rowe</p> <p>Perioperative Medicine The team will present their current consumer engagement activities including the consumer reference panel and consumer focussed research projects, and will discuss ways in which consumers can become more involved</p>

2:30pm - 3:00pm	Afternoon Tea PCH Collegiate Lounge
3:30pm - 5:00pm	Closing plenary address Towards a digital health vision for Western Australia Chair: Dr Liz Dallimore PCH Auditorium Professor Radhouane Aniba , Telethon Kids Institute Dr Sarah Doyle , Founder of 'What the Doctor Said' Professor Desiree D'Silva , Director of The ORIGINS Project Associate Professor Chris Blyth , lead, CAHS Digital Health Platforms Dr Carlo Bellini , Chief Medical Officer, Chevron Australia