

Melbourne
Children's
A world leader
in child and
adolescent health



Supported by The Royal Children's Hospital Foundation

Centre for Health Analytics

Unleashing the power of data to improve health

Symposium Event Program

Monday March 27th 2023

From 9am till 12pm

In the Ella Latham Auditorium
or Online via Zoom

Centre for Health Analytics Symposium
Please Scan the QR Code to Access Our Website



Centre for Health Analytics

Unleashing the power of data to improve health

Event Program



Symposium Commences

Welcome & Introductions

9-00

Bernadette McDonald
CEO The Royal Children's Hospital

Building a Highly Reliable Learning Health System

9-05

Chris Longhurst
Chief Medical Officer & Chief Digital Officer,
Associate Dean UC San Diego School of Medicine

RCHF Support

9-20

Sue Hunt
CEO The Royal Children's Hospital Foundation

Introducing the Centre for Health Analytics

9-25

Kate Lucas
Director Centre for Health Analytics
Jim Buttery
Professor, Child Health Informatics

Choosing Wisely

9-45

Jo Lawrence
Medical Lead, Choosing Wisely Campaign

Lessons Learnt from Embedding Trials into our EMR

10.00

Andrew Davidson
Medical Director, Melbourne Children's Trials Centre

Improving the Safety and Use of Antimicrobials in Children Using the EMR

10-15

Amanda Gwee
Infectious Diseases Physician and Clinical Pharmacologist,
Associate Professor, Department of Paediatrics,
and Team Leader & Clinician-Scientist Fellow MCRI

Centre for Health Analytics

Unleashing the power of data to improve health

Event Program



Morning Tea Break

10-30

The symposium will take a short intermission
Food & beverage will be provided by CHA

"Toll of the Scroll" - TikTok as a Platform for Health Messaging

10-55

Wonie Uahwatanasakul
Director of Clinical Educator Pathways,
Melbourne Medical School, MD Child and
Adolescent Health Program Lead Coordinator

Jo Hickman
Consumer Engagement Manager, Consumer Engagement in Research

Visualising Success: Enhancing CVAD Care Through Dashboard Implementation

11-10

Ella Borello
Clinical Nurse Consultant, Vascular Access

Quality & Research in Paediatric Intensive Care

11-25

Ben Gelbart
Paediatric Intensive Care Consultant
and Honorary Fellow MCRI

Kidney Exemplar

11-40

Cathy Quinlan
Paediatric Nephrologist and Team Leader
Kidney Regeneration MCRI
Gráinne Butler
PhD student Centre for Health Analytics

Closing Remarks

11-55

Andrew Sinclair
Deputy Director Murdoch Children's Research Institute

Symposium Closes for Lunch

12-00

The symposium will now conclude for lunch
Food & beverage will be provided by CHA

Centre for Health Analytics

Unleashing the power of data to improve health

Guest Speakers

Melbourne
Children's
A world leader
in child and
adolescent health



Supported by The Royal Children's Hospital Foundation



Bernadette McDonald
CEO
The Royal Children's Hospital



Sue Hunt
CEO
The Royal Children's Hospital
Foundation



Andrew Sinclair
Deputy Director
Murdoch Children's Research
Institute



Andrew Davidson
Medical Director
Melbourne Children's Trials Centre



Kate Lucas
Director
Centre for Health Analytics



Catherine Quinlan
Paediatric Nephrologist
Clinical Lead in Renal Genetics and
Co-Lead in Peritoneal Dialysis



Joanna Lawrence
Medical Lead
Choosing Wisely Campaign



Gráinne Butler
PhD Student
Centre for Health Analytics

The Centre for Health Analytics would also like to acknowledge the support of



Sarath Ranganathan
Stevenson Chair & Head
Department of Paediatrics
University of Melbourne

Centre for Health Analytics

Unleashing the power of data to improve health

Guest Speakers

Melbourne
Children's
A world leader
in child and
adolescent health



Supported by The Royal Children's Hospital Foundation



Wonie Uahwatanasakul
Director of Clinical Educator
Pathways, Melbourne Medical
School, MD Child and Adolescent
Health Program Lead Coordinator



Jim Buttery
Professor Child Health Informatics



Jo Hickman
Consumer Engagement Manager
Health Informatics Murdoch
Children's Research Institute



Ben Gelbart
Intensive Care Specialist
Paediatric Intensive Care Unit



Amanda Gwee
Infectious Diseases Physician, Clinical
Pharmacologist, General Paediatrician
The Royal Children's Hospital



Ella Borello
Clinical Nurse Consultant
Vascular Access



Centre for Health Analytics
Please Scan the QR Code
to Access Our Website



**Zoom Link to Join
Online Event via Live Webinar**
Please Scan the QR Code
to Join the Live Webinar



Complete the Centre for Health Analytics Symposium Evaluation Survey
Please Scan the QR Code to Access Survey

Centre for Health Analytics

Unleashing the power of data to improve health

International Guest Speaker



Christopher Longhurst

Chief Medical Officer, Chief Digital Officer,
Associate Dean, UC San Diego School of Medicine

Christopher Longhurst MD, MS, is the chief medical officer (CMO) and chief digital officer (CDO) at UC San Diego Health. This dual, complementary role provides leadership to medical staff, ensuring that standards and protocols are in place to provide the highest quality of care to patients. He also serves as an associate dean at the School of Medicine, overseeing and aligning our education and research missions within the clinical environment, and leading our journey to become a highly reliable, learning health system.

As CMO, Dr. Longhurst is responsible for maintaining excellence in clinical care, including regulatory, patient and clinician satisfaction, quality and safety, and medical affairs. He works alongside leaders at UC San Diego Health, the School of Medicine, and UC Health to improve care delivery and oversees UC San Diego Health's reputation for delivering safe, innovative, patient-centred care.

Dr. Longhurst is passionate about implementing innovative digital solutions that help improve the patient experience. As the CDO, he leads UC San Diego Health's technology strategy, overseeing initiatives that advance the infrastructure across UC San Diego and the UC Health system. In addition, Dr. Longhurst leads the clinical activities of the academic medical centre, working alongside clinical leaders to guide the planning of quality, safety, and performance excellence of programs.

He is also a key faculty member in the Departments of Biomedical Informatics and Paediatrics in the UC San Diego School of Medicine, maintaining an active clinical practice as a newborn hospitalist and pursuing scholarship in care quality, patient safety, and health informatics.

Prior to his current role, Dr. Longhurst served as the chief information officer (2015-2021) and associate chief medical officer for quality and safety (2018-2021) at UC San Diego Health, where he provided leadership in key functional areas to continuously improve efforts around operations, reputation, and care.

Before joining UC San Diego Health, Dr. Longhurst served as chief medical information officer for Stanford Children's Health. He led strategic efforts to improve children's health and provider workflow using information technology. He founded and led the nation's first accredited clinical informatics fellowship at Stanford, where he was a clinical professor of paediatrics and biomedical informatics. He also staffed the quality committee of Stanford's hospital board and facilitated national quality improvement collaborative work.

Dr. Longhurst completed his residency at Stanford University and earned his medical degree and MS in medical informatics from UC Davis. He holds a BS in molecular biology from Revelle College at UC San Diego. He is a board-certified paediatrician and clinical informaticist.

He is the author and co-author of many publications on using technology and data to improve quality of care. Dr. Longhurst is an elected fellow of the prestigious American College of Medical Informatics.