

Symposium Day 2 - Wednesday 20 November 2019

8.00 – 9.00 Registration [Grand 7/Lobby]

9.00 – 10.30 Plenary session 3: Realising the potential of linked data [Grand Ballroom 1-4]

Chairs:



Professor Sallie Pearson



Professor Steve Wesselingh

Speakers and Panel members:



Professor Louisa Jorm



Professor Stephen Graves



Dr Phillip Gould



Dr Merran Smith



Ms Jenny Hargreaves



Professor David Henry

10.30 – 11.00 Morning Tea [Grand 7/Lobby]

11.00 – 12.30 Parallel session 2: Abstract presentations

2A - Data for Policy and Practice: Learning Health Systems [Breakout Room Element]

Chair: Zoe Kelly

Building a five-year vision for clinical analytics in New South Wales using a modified Delphi process

Kim Sutherland

Development of Learning Health System Data Hubs stimulating partnerships across academic, clinician, community, primary care and industry stakeholders for health impact

Joanne Enticott

Preventing Hospital Acquired Pressure Injury as a Patient Safety Strategy: Pressure Injury Data in Australian Acute Care settings

Victoria Team

Rapid cycle drug safety evaluations using routinely collected data

Margaret Wilson

Australian Health Research Alliance (AHRA) – Progress in Data Driven Healthcare Improvement

Helena Teede

2B - Achieving Linked Data: Harnessing Cohort Data [Grand Ballroom 5]

Chair: Geraint Duggan

#DATATHON — How rapid exploration of linked registry data leads to greater understanding of inpatient rehabilitation outcomes following ICU

Tara Alexander

Health status, donation rates, and risk of low iron levels in older Australian blood donors – early evidence from extended donor vigilance data-linkage project

Surendra Karki

Maximising the use of linked national registry, Medicare and pharmaceutical benefits scheme data for understanding factors related to use of secondary prevention medication after stroke

Monique Kilkenny

National Stroke Registry Data Linkage Program: essential infrastructure to inform health care policy and practice

Monique Kilkenny

Review of postoperative outcomes from the Bi-National Colorectal Cancer Audit on screened versus non-screened patients

Farhad Salimi

2C - Methods and Machines: Artificial Intelligence and Machine Learning [Grand Ballroom 1-4]

Chair: David Phillips

Risk factors for hospital readmission following paediatric adenotonsillectomy in Victoria: analysis using data linkage of state-wide administrative databases

Aimy Tran

Digital disruption in Melbourne's South-East: A new Community Digital Mental Health Platform for a region with great unmet needs

Andrew Dawson

Artificial intelligence assisted opportunistic screening: from algorithm to real world study

Jane Scheetz

Machine learning (ML) insights into emergency department (ED) patient admissions from big data analytics; A 'proof-of-concept' partnership between industry, a large public hospital network and academia.

Kushan De Silva

Discovering and translating knowledge of patterns of stroke recovery: A role for unsupervised machine learning.

Leeanne Carey

2D - Meaningful Use of Data: Co-design [Grand Ballroom 6]

Chair: A/Professor Melissa Baysari

Future Health Today: Developing a technology platform using a co-design methodology

Jo-Anne Manski-Nankervis

Contextualising data with a system dynamics model: a case study of osteoporosis and fragility fractures

Cindy Peng

Engaging hospitalised patients in their nutrition care using technology: development of the NUTRI-TEC intervention

Shelley Roberts

Utilising technology in the co-design and evaluation of cultural and contextually relevant healthy food retail interventions.

Julie Brimblecombe

The DATATHON — Engaging clinicians and data scientists for rapid research development

David Pilcher**12.30 - 1.30 Lunch break [Grand 7/Lobby]****1.30 - 3.00 Parallel session 3: Abstract presentations****3A - Data for Policy and Practice: Harnessing Data for the Health of a Community [Grand Ballroom 1-4]****Chair: Wee-Ming Boon**

Western Australian Child Development Atlas: Geo-spatially mapping data on child health, education, development and well-being.

Emma Fuller

Research, Advocacy, Action: Harnessing diverse linked data to support the control of rheumatic heart disease in Australia

Judith Katzenellenbogen

CVD in Australian Indigenous adolescents: A large burden of risks, an early onset of disease, and excess preventable mortality

Odette Pearson

Closing the gap on Indigenous cardiovascular (CV) health: Improving community outcomes through data driven policy relevant research.

Luke Burchill

Little Lunch - Big Data: Using digital systems to understand and affect purchases from primary school canteens

Rebecca Wyse**3B - Achieving Linked Data: Utilising Electronic Medical Records [Grand Ballroom 5]****Chair: A/Professor Melissa Baysari**

Implementing electronic patient-reported outcome measures (ePROMs) in clinical settings: a meta-review of barriers and enablers

Claudia Rutherford

Harnessing the potential of electronic medical records with data analytics in back pain

Gustavo Machado

The art and science of extracting clinical meaningful information from electronic medical records: Proof-of-concept studies in acute coronary syndrome, oncology and sepsis

Charmaine Tam

Developing computable phenotypes for cardiometabolic risk factors in the eMR: the SPEED-EXTRACT study

Richard Morris

Harnessing clinically meaningful information from free text in the electronic medical record

Aldo Saavedra**3C - Methods and Machines: Modelling and Methods [Breakout Room Element]****Chair: David Phillips**

Healthcare service planning and simulation modelling: A case-study implementation evaluation

Katrina Long

Using real-world data to answer real-world questions: Understanding and evaluating treatment sequencing in metastatic colorectal cancer

Koen Degeling

Designing a research impact methodology for translational research

Jimmy Twin

Living Evidence as a model for the curation of high value FAIR data

Julian Elliott

3D - Meaningful Use of Data: Miscellaneous [Grand Ballroom 6]

Chair: Professor Dominique Cadilhac

Enhancing causal inference in observational research through the study of twin pairs and families using linked population-level data

John Hopper

The Mortality After Release from Incarceration Consortium (MARIC) study: A multi-national, individual participant data meta-analysis.

Rohan Borschmann

Every Week Counts - harnessing data to help clinicians and women decide about the optimal time for planned births

Angela Todd

Using linked health and justice data to study health outcomes among people released from custody

Jesse Young

Using data linkage for the economic evaluation of the Melbourne Mobile Stroke Unit

Dominique Cadilhac

3.00 - 3.30 Afternoon Tea [Grand 7/Lobby]

3.30 - 5.00 Plenary session 4: Closing session - Panel: Health and medical research data: who owns it, who is doing what with it, do you know about it and does it matter? [Grand Ballroom 1-4]

Facilitator:



Professor Fred Watson

Panel Members:



Professor Louisa Jorm



Ms Lauren Soloman



Dr Phillip Gould

5.00

Symposium close