


Data informing healthcare - PART 1

- 10:00am Time to login, join the stream and chat with fellow attendees
- 10:30am **Keynotes: Public health: Using data in a crisis** Chair: Dr Louise Schaper, AIDH
- 10:30am *Welcome by the Chair*
Dr David Hansen FAIDH CHIA CEO and Research Director, Australian e-Health Research Centre, CSIRO [@dhansen35](#)
- 10:40am *Information sharing during a pandemic: Inside intelligence from WHO's R&D Blueprint and COVID-19*
Prof Mary-Louise McLaws Professor of Epidemiology, UNSW [@MarylouiseMcla1](#)
- 11:00am *Panel: Data in a crisis: Preparing for the next pandemic*
 A discussion on strategies to build local, state and national data preparedness
- Facilitator:**
Dr Louise Schaper FAIDH CHIA CEO, Australasian Institute of Digital Health [@louise_schaper](#)
- Panellists:**
Dr Nathan Pinski GP & Director, Medi7 Medical Centres [@drnatpin](#)
Prof Mary-Louise McLaws Professor of Epidemiology, UNSW [@MarylouiseMcla1](#)
Lachlan Rudd Director Data and Analytics, eHealth NSW
- 12:00pm **Break:** Stretch, eat, walk, repeat
- 1:00pm **From the community: A data-driven response to COVID-19** Chair: Gil Carter, Voronoi
- 1:00pm Exponential growth: Mapping growth in technological response against the rise in case numbers at the epicentre of Victoria's COVID-19 second-wave
Sean Downer Western Health [@western_health](#)
- 1:30pm Deep understanding vs deep learning - where to use them and where not. A case study from pathology report coding
Prof Jon Patrick Health Language Analytics [@HLAglobal](#)
- 1:45pm Understanding the impact of the COVID-19 pandemic on cancer services in Australia
Dr Christine Biondi Cancer Australia [@CancerAustralia](#)
- 2:00pm Harnessing patient experiences from social media: A pilot study using COVID-19 data from Reddit
Curtis Murray The University of Adelaide [@curtis_w_murray](#)
- 2:15pm Q&A with audience
- 2:30pm **Break:** Caffeinate and visit the virtual exhibition
- 3:30pm **Masterclass: Analytics driven healthcare** Chair: Chris Jordan, AIDH
- 3:30pm This masterclass dives into the planning, development and delivery of health analytics projects in the Australian health landscape. Presenters will focus on key lessons learnt and provide important take home messages for problem owners (i.e., health services) and solutions providers (vendors, researchers, etc.) seeking analytics driven approaches to improving healthcare efficiency and patient outcomes.
- Dr Sankalp Khanna** FAIDH Research Team Leader, Health Intelligence, Australian e-Health Research Centre, CSIRO [@SankalpKhanna](#)
Justin Boyle Australian e-Health Research Centre, CSIRO [@ehealthresearch](#)
 Delivered by CSIRO, Australia's national science agency.
-  Australian e-Health
 Research Centre
- 4:30pm Day concludes

Data informing healthcare - PART 2

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| 8:30am | Time to login, join the stream and say good morning to fellow attendees | |
| 9:00am | Keynotes: Using data and AI to innovate | Chair: Dr David Hansen, CSIRO |
| 9:00am | NSW Government data strategy Dr Ian Oppermann Chief Data Scientist, NSW Government | |
| 9:20am | <i>COVID-19 response management: Utilising a compliance measurement & quality improvement solution</i> Dr Avnesh Ratnanesan Founder and CEO, Energesse @Energesse | |
| 9:40am | Q&A with keynotes | |
| 9:50am | <i>Panel on data linkage projects: Linking hospitals with PHN and primary care data</i> <u>Facilitator:</u> Bettina McMahon Chair, Australasian Institute of Digital Health and CEO, healthdirect Australia <u>Panellists:</u> James Linden Director - System Integration, Monitoring and Evaluation, NSW Ministry of Health @NSWHealth Narelle Doss Executive Director, Digital Strategy & Transformation Branch, eHealth Queensland @NarelleDoss Louise Gates Group Head, Primary, Maternal, Veterans and First Responders Group, Australian Institute of Health and Welfare @aihw | |
| 10:30am | Break: Caffeinate and visit the virtual exhibition | |
| 11:00am | From the community: Precision health and genomics | Chair: Prof Jon Patrick, Health Language Analytics |
| 11:00am | A genomic data classification framework David O'Driscoll FAIDH CHIA Erintide @djodriscoll | |
| 11:15am | Are we ready to sequence the genetic code of all babies at birth? Prof Christopher Barnett Commission on Excellence and Innovation in Health, SA Health @CEIH_SA | |
| 11:30am | Genetics as a service: Building a global genetic platform Dr Lior Rauchberger MyDNA INC @lior_rauchy | |
| 11:45am | Genoma.io with a VIEW: Harnessing an open genomics analytics platform for research discovery, collaboration & clinical translation Dr Trung Ngô The University of Queensland & Translational Research Institute @NgoSense | |
| 12:00pm | SuperbugAI: Integrating electronic medical record and bacterial genomic data to combat antimicrobial resistance Prof Anton Peleg Alfred Health and Monash University @AntonPeleg | |
| 12:15pm | Q&A with audience | |
| 12:30pm | Break: Stretch, eat, walk, repeat | |
| 1:30pm | From the community: Data analytics: Practical applications | Chair David O'Driscoll, Erintide |
| 1:30pm | Creating accessible, research-ready health data while retaining data sovereignty Jordan Kane Real World Technology Platforms, IQVIA Tom Bryant Real World Solutions, IQVIA | |

Data informing healthcare - PART 2

- 1:45pm De-identified data linkage for whole patient journey modelling
Edweana Wenkart Pen CS [@pen_cs](#)
- 2:00pm At the helm: The health of a nation. A real-world experience of population health management
Michael Draheim FAIDH Cerner Australia [@MichaelDraheim](#)
Dr Alex Duong Cerner Australia
- 2:15pm The learning coding system
Adj A/Prof Cheryl McCullagh Pacific Knowledge Systems (PKS)
- 2:30pm Improving availability of genomic data to clinicians and researchers
Dr Trevor Harrison TriNetX [@TriNetX](#)
- 2:45pm Using real world data in the real world: Challenges and opportunities for Australia
Dr Peter Cronin Prospecion [@pcpetercronin](#)
- 3:00pm Q&A with audience
- 3:15pm Conference concludes

Integrating genomics into care

8:30am Time to login, join the stream and chat with fellow attendees

9:00am Opening session - InGeNA: Unlocking the full potential of genomics

Chair: David Bunker

9:00am *Welcome by the Chair*

David Bunker FAIDH CHIA Chair, Industry Genomics Network Alliance (InGeNA), Executive Director, Queensland Genomics and Executive Director, Brisbane Diamantina Health Partners [@TheDavidBunker](#)

9:10am *Vision for health and the role genomics will play*

The Hon Jaala Pulford MLC Minister for Innovation, Medical Research and the Digital Economy, Parliament of Victoria [@JaalaPulford](#)

9:25am *Genomics and the brave new world of personalised medicine: A global and local perspective*

Prof Kathryn North AC Director, Murdoch Children's Research Institute and Lead, Australian Genomics [@AusGenomics](#)

9:40am *Funding the next wave of healthcare transformation led by genomics*

Dr Dan Grant Managing Director and CEO, MTPConnect [@DrDanGrant](#)

9:55am *Sliding doors: What happens when genomics isn't integrated into healthcare*

Megan Donnell CEO, Childhood Dementia Initiative and Founder & Director, Sanfilippo Children's Foundation [@SFCFoundtn](#)

10:15am *Overview of InGeNA work program*

David Bunker FAIDH CHIA Chair, Industry Genomics Network Alliance (InGeNA), Executive Director, Queensland Genomics and Executive Director, Brisbane Diamantina Health Partners [@TheDavidBunker](#)

10:30am Q&A with speakers

11:00am **Break:** Caffeinate and visit the virtual exhibition

11:40am Session 2 – The road ahead: Making genomics adoption happen

Chair: Dr Louise Schaper

11:40am *National approach to genomics information management: Making the data work*

David Bunker FAIDH CHIA Chair, Industry Genomics Network Alliance (InGeNA), Executive Director, Queensland Genomics and Executive Director, Brisbane Diamantina Health Partners [@TheDavidBunker](#)

11:55am *Paving the way for Australian genomics in 2021: A deep dive into the InGeNA working groups*

Facilitated by **Dr Louise Schaper** CEO, Australasian Institute of Digital Health [@louise_schaper](#)

Quantifying the benefits of genomics

Natalie Chan Chair of working group and Cell and Gene Therapies Lead, Janssen Inc [@JanssenGlobal](#)

Access and equity

Andrea Kunca Chair of working group and Policy and Value Partner, Roche Australia [@Roche](#)

Data

Richard Rendell Chair of working group and Managing Director, Applied Precision Medicine [@RichardRendell](#)

Workforce

Nicholette Conway Chair of working group and New Product Planning Manager, Eli Lilly Australia [@lillypad](#)

Integrating genomics into care

Followed by panel discussion with audience questions

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| 12:50pm | <i>Genomics integration into healthcare: International perspectives and Australian comparisons</i> Dr David Hansen FAIDH CHIA CEO and Research Director, Australian e-Health Research Centre, CSIRO @dhansen35 | |
| 1:10pm | Break: Stretch, eat, walk, repeat | |
| 2:00pm | Session 3 – From conception to execution: Collaborative projects in action | Chair: David Bunker |
| 2:00pm | <i>THE GENOMICS HUB: Accelerating adoption and commercialisation of genomics</i> Simon Giuliano Associate Director of Sales (ANZ), Illumina @simon_sgiuliano | |
| 2:14pm | <i>Innovative collaboration: Why public-private partnerships in cell and gene therapies are key to improving patient outcomes</i> Byron Muntz Director – Patient Access, Novartis Pharmaceuticals Australia @novartis | |
| 2:30pm | <i>Pharmacogenomics in mental health</i> Associate Professor Janice Fullerton , UNSW @FullertonJan | |
| 2:45pm | <i>Predicting effectiveness of immunotherapy for melanoma treatment: Partnership with Alfred hospital.</i> Bernie Romanin CEO, GMDx Genomics | |
| 3:00pm | <i>Providing Australian genomics commercially: Understanding the drivers and inhibitors of a Whole Genome Sequencing business and their impacts</i> Prof Deon Venter Chief Medical Advisor, 23Strands @Strands23 | |
| 3:15pm | Q&A with all speakers | |
| 3:30pm | Break: Caffeinate and visit the virtual exhibition | |
| 4:30pm | Facilitated roundtable: Realising the vision to embed genomics into everyday healthcare | Chair: Greg Moran |
| | <p>Participants interested in having a seat at the table to help shape InGeNA's workplan and industry's role in realising the full potential of genomics to personalise healthcare.</p> <p><i>Facilitated by the AIDH and InGeNA</i></p> | |
| 5:30pm | Program concludes | |