**Public Health Observatory Of NZ (PHONZ)**

**Online Conference 2024**

**Wednesday 24 July**

**Karakia and Introduction (0900 - 0905)**

**Keynote speaker (0905-0950)**

Professor Ben Goldacre (r)

Better, Broader, Safer: Using Health Data for Research and Analysis

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| **Session 1: Bad Science, Bad Evidence** | | |
| Chair: Chris Skelly | | |
| 0950-1015 | Leonid Schnieder (r) | Broken science and how we can fix it |
| **1015-1020** | **Break** | |
| 1029-1040 | Dr David Bilmer (r) | Parody Science |
| 1040-1100 | Dr Brian Jones | Detecting Dodgy Papers |
| 1100-1120 | Professor Andrew Grey (University of Auckland) | Complicated shadows – the strange world of publication integrity |
| **Session 2: Tales from the frontline of health intelligence** | | |
| Chair = Tim Hopley | | |
| 1120-1140 | Prof Shanthi Ameratunga (Health NZ) | Addressing health intelligence gaps in monitoring and evaluating long-term recovery following childhood injuries and related equity impacts |
| 1140-1200 | Giles Graham (ESR) | A discussion of an evaluation of using wastewater for Influenza and RSV surveillance |
| 1200-1220 | Matt Radford (Health NZ) | Filling the gaps: The use of pharmacy dispensing data post-Cyclone Gabrielle in Hawkes Bay |
| **1220-1240** | **Lunch** | |
| Chair = Peter Himona | | |
| 1240-1300 | James Scarfe (Health NZ) | Childhood Scabies in New Zealand 2001-2023: an exploratory analysis |
| 1300-1320 | Lynn Riggs (Health NZ) | The Relationship Between Multidimensional Disadvantage, Poor Health and Wellbeing |
| 1320-1340 | Dr Kaaren Mathias (University of Canterbury) | The black box - how do frontline community mental health workers address health determinants and improve equity? |
| 1340-1400 | Bernadine Williams (Massey University) | The wellbeing of children in emergency housing motels: providers' perspective |
| 1400-1420 | Kristi Calder (Health NZ) | Evaluating health promotion in education settings |
| 1420-1440 | Giles Graham (ESR) | The "Augh" in ARI Surveillance: mistakes and lessons learned from maintaining the ARI surveillance dashboard |

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**THURSDAY 25 July 2024**

**Karaki and Introduction (0900-0905)**

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| **Session 3: The future of health intelligence** | | |
| Chair = Tim Hopley | | |
| 0905-0925 | Dr Chris Skelly & Professor Barry Borman (Department of Health & Social Care, UK, & Massey University) | Public Health Intelligence: past, present, future: a personal perspective |
| 0925-0945 | Dr Juliet Rumball-Smith (National Public Health Service, Health NZ) |  |
| 0945-1005 | Dr Kristie Carter (Public Health Agency, Ministry of Health) | Public Health Surveillance Strategic Plan |
| **1005-1015** | **Break** | |
| Chair= Ruth Cunningham | | |
| 1015-1035 | Tara Swadi (Ministry of Health) | The role of evidence at the Ministry of Health |
| 1035-1055 | Vince Galvin (Statistics NZ) | The Future of Population and Social Statistics |
| 1055-1115 | Len Cook | Tracking the path of the global population storm so we might know what to do about it in NZ |
| 1115-1135 | Dr James Greenwell (Ministry for Pacific Peoples) | A novel analysis of government surveys that should challenge common policy assumptions |
| 1135-1155 | Professor Richard Arnold (Victoria University of Wellington) | Estimating the risk of SARS-CoV-2 infection in New Zealand border arrivals |
| 1155-1215 | Dr Osman Mansoor (Health NZ) | A Substack on Tairawhiti District Data |
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| **1215-1230** | **Lunch** | |
|  | **Session 4: The Implications of AI for Health Intelligence** | |
| Chair= Corina Grey | | |
| 1230-1250 | Professor Alistair Knott (Victoria University of Wellington) | Uses and risks of generative AI in healthcare |
| 1250-1310 | Associate Professor Michael O’Sullivan (University of Auckland) | An AI-Enabled Framework for Transferable Pandemic Modelling |
| 1310-1330 | Dr Robyn Whittaker (Health NZ) (nc) |  |
| 1330-1350 | Rooshan Ghous (WhiteCliffe College) | A Robust Machine Learning Model for Long-Term Survival Prediction of Breast Cancer Patients in New Zealand |
| 1350-1410 | TBC Dr Chris Galloway & Dr David Squirrel |  |
| 1410-1415 | Close |  |

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