IPDLN 2020 Conference
DRAFT Virtual Live Events and Activities Program | 8 – 13 November 2020
Please note, this program is subject to change
As at 06 November 2020

UTC Time = Coordinated Universal Time (or UTC) is the primary time standard by which the world regulates clocks and time
To plan your schedule according to your location use: https://www.timeanddate.com/worldclock/meeting.html?p1=1440

Sunday 8 November 2020, UTC Time

Timing	Conference Topic / Theme: Indigenous health and well-being
LIVE **23:00 Sunday, 8 November, UTC Time** 18:00 Sunday, 8 November, Toronto Time 23:00 Sunday, 8 November, London Time 10:00 Monday 9 November, Sydney Time **Duration:** 211 minutes	**23:00 Sunday 8 November, UTC Time** **Conference Welcome**
	23:04 Sunday 8 November, UTC Time **Welcome to Country**
	23:12 Sunday 8 November, UTC Time **Keynote Presentation: Indigenous health and well-being** Dr Odette Pearson PhD Health Economics and Social Policy, Senior Research Fellow at the Wardliparingga Aboriginal Research Unit within the South Australian Health Medical Research Institute (SAHMRI) **Session Chair:** Dr Merran Smith
	23:36 Sunday 8 November, UTC Time **Presentations from abstracts (Indigenous health and well-being)** **Session Chair:** Dr Jennifer Walker
	1. Nickel N, University of Manitoba. Measuring community strengths – using data from the First Nations Regional Health Survey linked with a whole-population administrative data repository

	2. Mecredy G, IC/ES. Collaboration with First Nations communities to produce tailored community-driven results
	3. Shahidullah M, Australian Bureau of Statistics. Use of data linkage method to compile life tables for Aboriginal and Torres Strait Islander Australians
	4. McBeth S, Stats New Zealand. Access to linked administrative data through an Indigenous cultural lens
	00:24 Monday 9 November, UTC Time **Q & A Session with all presenters**
	01:01 Monday 9 November, UTC Time **Panel Discussion (Indigenous health and well-being)** **Session Chair:** Dr Odette Pearson • Associate Professor Ray Lovett, Australian National University • Mr Andrew Sporle, University of Auckland • Dr Jennifer Walker, Laurentian University
	01:38 Monday 9 November, UTC Time **Presentations from abstracts (Indigenous health and well-being)** **Session Chair:** Dr Kalinda Griffiths
	1. Ladbrook M, Australian Government, Department of Education, Skills and Employment. Higher Education Completion Rates For Aboriginal and Torres Strait Islander Students Using A Multi-Agency Matched Population Cohort
	2. Gibberd A, University of Melbourne. Health of Aboriginal children in Western Australia: do grandparents matter?
	3. Frymire E, Queens University. Linking population level data to examine first nations' people with diabetes: monitoring, treatment and control of blood sugar and lipids
	4. Shah B, University of Toronto. Peripheral arterial disease among First Nations people with diabetes in Ontario, Canada: linkage of population-level healthcare data
	02:27 Monday 9 November, UTC Time **Q & A Session with all presenters**

Monday 9 November, UTC Time

Timing	Conference Topic / Theme: COVID-19 and other communicable diseases
LIVE **08:00 Monday 9 November, UTC Time** 03:00 Monday 9 November, Toronto Time 08:00 Monday 9 November, London time 19:00 Monday 9 November, Sydney Time **Duration:** 143 minutes	**08:00 Monday 9 November, UTC Time** **Panel Presentations and Discussion (Data and the response to COVID 19)** • Professor Yik-Ying Teo, National University of Singapore • Professor Jodie McVernon, Doherty Institute • Professor Daniel Prieto-Alhambra, University of Oxford **Session Chair:** Professor Ronan Lyons
	09:13 Monday 9 November, UTC Time **Presentations from abstracts (Other communicable diseases)** **Session Chair:** Dr Hannah Moore 1. Christen P, Australian National University. Estimating maternal mortality rates during the 1918 flu using birth to death linkage 2. Smith M, University of Cape Town. Consolidated person level health data improve tuberculosis surveillance and patient care 3. Stephens J, Flinders University. Hepatitis C in South Australia and Northern Territory: a population-based linkage study. 4. Bradley C, South Australian Health and Medical Research Institute. A New National STI And BBBV Surveillance System For Aboriginal Community-Controlled Health Services
	10:01 Monday 9 November UTC Time **Q & A Session with all presenters**
LIVE **23:00 Monday 9 November, UTC Time** 18:00 Monday, 9 November, Toronto Time 23:00 Monday, 9 November, London Time 10:00 Tuesday 10 November, Sydney Time **Duration:** 205 minutes	**Conference Topic / Theme: Ethics, Law and Governance/Data Linkage Platforms**
	23:00 Monday 9 November, UTC Time **Panel Discussion: Moving Beyond the Consent or Anonymise Dichotomy** • A/Professor Angela Ballantyne, National University of Singapore • Dr Elissa Redmiles, Max Planck Institute for Software Systems • A/Prof Ma'n Zawati, McGill University **Session Chair:** A/Prof Judy Allen
	00:16 Tuesday 10 November, UTC Time

	Presentations from abstracts (Ethics, Law and Governance) **Session Chair:** Ms Carolyn Adams
	1. Paprica A, IC/ES, A Qualitative Study of Public Perceptions About Using Health Data For Artificial Intelligence Research
	2. McDonald T, NB-IRDT, University of New Brunswick, The New Brunswick Act Respecting Research Three Years Later: A Data Trickle Turns Into a Flood
	3. O'Hara A, Georgetown University. US Federal data policy: an update on the federal data strategy and the Evidence Act
	4. Carolan L, University of Wollongong. Developing best practice in linking and sharing administrative data – a comparison of views in health and higher education
	01:05 Tuesday 10 November, UTC Time **Q & A Session with all presenters**
	01:34 Tuesday 10 November, UTC Time **Presentations from abstracts (Data Linkage Platforms)** **Session Chair:** Prof Kim McGrail
	1. Berkowitz E, University of Pennsylvania. Supporting A Developmental Approach For Shared Data Infrastructure
	2. Wong S, BC Ministry of Health. British Columbia's Health Data Platform: Unleashing The Power of a Data Environment Commons For Health and Health System Improvement
	3. Schull M, IC/ES. Building a research partnership between computer scientists and health service researchers for access and analysis of population-level health datasets.
	4. Neideck G, Australian Institute of Health and Welfare. Learnings from multi-source enduring linked data assets (MELDAS)
	02:23 Tuesday 10 November, UTC Time **Q & A Session with all presenters**

Tuesday 10 November 2020

Timing	Conference Topic / Theme: Data linkage, methods, systems and technology
LIVE **08:00 Tuesday 10 November, UTC Time** 03:00 Tuesday 10 November, Toronto Time 08:00 Tuesday 10 November, London Time	**08:00 Tuesday 10 November, UTC Time** **Keynote Presentation: The state of the art and future of statistical disclosure methods and technology** Professor Mark Elliot, University of Manchester **Sponsored by The Australian Bureau of Statistics**

19:00 Tuesday 10 November, Sydney Time **Duration**: 170 minutes	**Session Chair:** Dr Merran Smith
	08:48 Tuesday 10 November, UTC Time **Presentations from abstracts (Linkage techniques)** **Session Chair:** Mr Simon Thompson
	1. Morgan K, Cardiff University. Sources of bias when combining routine data linkage and a national survey of secondary school-aged children: A record linkage study
	2. Harper G, Institute Of Population Health Science, Queen Mary, University Of London. Allocating unique property reference numbers to patient addresses using a deterministic address-matching algorithm: evaluation of accuracy, match rate and bias
	3. Pratt N, University of South Australia. Validating Australian Government Medicare Benefits Schedule data against the national joint replacement registry data.
	4. Farrow J, Farrow Norris / SA.NT DataLink. Working with legacy relational data in a graph-based world
	09:36 Tuesday 10 November, UTC Time **Q & A Session with all presenters**
	10:10 Tuesday 10 November, UTC Time **Presentations from abstracts (Privacy Preserving Record Linkage)** **Session Chair:** Prof Rainer Schnell
	1. Plachta J, Office for National Statistics, UK. Data linkage of hashed data: derive and conquer.
	2. Ferrante A, Curtin University. Overcoming the impasse 1: reporting on recent Australian experiences in the use of privacy-preserving record linkage methods using bloom filters
	3. Ranbaduge, T Australian National University. Evaluating Binary encoding techniques in the presence of missing values in privacy-preserving record linkage
	10:46 Tuesday 10 November, UTC Time **Q & A Session with all presenters**
LIVE **23:00 Tuesday 10 November, UTC Time** 18:00 Tuesday 10 November, Toronto Time 23:00 Tuesday 10 November, London Time 10:00 Wednesday 11 November, Sydney Time **Duration:** 170 minutes	**Conference Topic / Theme: Advanced Analytics**
	23:00 Tuesday 10 November, UTC Time **Keynote Presentation (Advanced Analytics): AI and deep learning techniques in population level health and wellbeing research** Professor Louisa Jorm. Centre for Big Data Research, University of New South Wales. **Session Chair:** Professor David Preen **Sponsored by The University of Adelaide.**
	23:48 Tuesday 10 November, UTC Time

	Presentations from abstracts (Artificial Intelligence/Machine Learning) **Session Chair:** Dr Michael Falster
	1. Jaakkimainen L, IC/ES. Using Machine Learning To Measure Specialist Wait Times From Family Physicians' Electronic Medical Records Linked To Ontario Health Administrative Data
	2. Chen B, IC/ES. Deep learning and NLP for knowledge extraction from laboratory reports
	3. Azimaee M, IC/ES. Mask: a success story for an international collaboration
	4. Lopez D, University of Western Australia. Evaluating machine-learning models for predicting hospital transfers in administrative data: a study of admissions for myocardial infarction
	00:36 Wednesday 11 November, UTC Time **Q & A Session with all presenters**
	01:10 Wednesday 11 November, UTC Time **Presentations from abstracts (Other Analytical Techniques)** **Session Chair:** Associate Professor Rachael Moorin
	1. Koval A, University of Central Florida. Using Reproducible Data Visualizations To Augment Decision-Making During Suppression of Small Counts
	2. Qin S, Monash University. Comparison Of Time-Varying And Landmark Analysis Methods In Estimating the Association Between Medication Adherence and Outcomes: A Heart Failure Cohort
	3. Hamm N, University of Manitoba, Linking Health And Social Data To Assess The Performance of High Dimensional Propensity Scores
	01:46 Wednesday 11 November, UTC Time **Q & A Session with all presenters**

Wednesday 11 November 2020, UTC Time

Timing	Conference Topic / Theme: Community Involvement
LIVE **08:00 Wednesday 11 November, UTC Time** 03:00 Wednesday 11 November, Toronto Time 08:00 Wednesday 11 November, London Time 19:00 Wednesday 11 November, Sydney Time **Duration:** 140 minutes	**08:00 Wednesday 11 November, UTC Time** **Symposium 1: Involving the Public in Data Linkage Research** **09:31 Wednesday 11 November, UTC Time** **Presentations from abstracts (Community Involvement)** **Session Chair:** Professor Kerina Jones 1. Street J, University of Wollongong. Community attitudes towards sharing government health data with private companies: a scoping review

	2. Adams C, Macquarie University. Data custodians and social licence for research
	3. Rupasinghe T, Monash University. Do you need my health data - just ask: using blockchain technology for collaborative patient-centric health care
LIVE **10:50 Wednesday 11 November, UTC Time** 05:50 Wednesday 11 November, Toronto Time 10:50 Wednesday 11 November, London Time 21:50 Wednesday 11 November, Sydney Time **Duration:** 60 minutes	**IPDLN Members Meeting**
	10:50 Wednesday 11 November, UTC Time **IPDLN Members Meeting** **Chair: Dr Merran Smith, Director IPDLN**
LIVE **16:00 Wednesday 11 November, UTC Time** 11:00 Wednesday 11 November, Toronto Time 16:00 Wednesday 11 November, London Time 03:00 Thursday 12 November, Sydney Time **Duration:** 203 minutes	**Conference Topic / Theme: Real World Data 1**
	16:00 Wednesday 11 November, UTC Time **Presentations from abstracts (Medicines)** **Session Chair:** Professor Ruth Gilbert
	1. Fitzpatrick T, University of Toronto. Estimating The Proportion of Antibiotics Attributable To Common Pediatric Respiratory Viruses: An Example Leveraging Unique Population-Based Prescribing and Laboratory Data
	2. Schreuders L, University of Leeds. Exploring the effect of NICE guidelines on prescribing for childhood atopic eczema in primary care with an interrupted time series
	3. Chateau D, University of Manitoba. Prescription benzodiazepine use during pregnancy and risk of attention-deficit/hyperactivity disorder in offspring
	16:38 Wednesday 11 November, UTC Time **Q & A Session with all presenters**
	17:12 Wednesday 11 November, UTC Time **Presentations from abstracts (Education)** **Session Chair:** Professor Dennis Culhane
	1. Enns J, University Of Manitoba, Participation In Boys & Girls Clubs of Winnipeg is Associated With Health, Social and Education Outcomes Among First Nation Children

	2. Li E, University of Auckland. The Association Between Mode of Delivery and Later Educational Outcomes
	3. Struck S, University of Manitoba, Supported Playgroup Participation During Infancy and Developmental Health at School Entry: The Healthy Baby Community Support Program in Manitoba, Canada.
	17:48 Wednesday 11 November, UTC Time **Q & A Session with all presenters**
	18:34 Wednesday 11 November, UTC Time **Presentations from abstracts (Maternal and Child Health)** **Session Chair:** Professor Ruth Gilbert
	1. Guttman A, IC/ES. Identifying Prenatal Opioid Exposure In Health Administrative Data For Public Health Surveillance and Epidemiologic Research
	2. Brownell M, University of Manitoba, Evaluation of The Manitoba Healthy Baby Prenatal Benefit: Is It Improving Birth and Early Childhood Outcomes For Metis Families?
	3. Chislett L, University of Glasgow. Predicting childhood overweight in linked administrative data: are there lessons for targeting early years interventions?
	4. Wall-Wieler E, Stanford University. Maternal depression in early childhood and developmental vulnerability at school entry
	19:22 Wednesday 11 November, UTC Time **Q & A Session with all presenters**

LIVE **23:00 Wednesday 11 November, UTC Time** 18:00 Wednesday 11 November, Toronto Time 23:00 Wednesday 11 November, London Time 10:00 Thursday 12 November, Sydney Time **Duration:** 210 minutes	**Conference Topic / Theme: Real World Data 2** **Concurrent Session 1**	**Conference Topic / Theme: Real World Data 2** **Concurrent Session 2**
	23:00 Wednesday 11 November, UTC Time **Presentations from abstracts (Ageing)** **Session Chair:** A/Professor Susan Bronskill	**23:00 Wednesday 11 November, UTC Time** **Presentations from abstracts (Incarceration)** **Session Chair:** Dr Megan Bell
	1. Harvey L, Neuroscience Research Australia. Does identifying frailty from ICD-10 coded data on hospital admission improve prediction of adverse outcomes in older surgical patients?	1. Borschmann R, University Of Melbourne. Using linked data to examine the epidemiology of all-cause and cause-specific mortality following release from incarceration in eleven countries
	2. Mitchell R, Macquarie University. Trajectories of hospital readmission after a fall injury for older adults living in aged care or the community	2. Kinner S, University of Melbourne. High rate of fatal overdose after release from prison in BC, Canada: a data linkage study

3. Welberry H, University of New South Wales. Measuring dementia incidence within a cohort of 267,153 older Australians using routinely collected linked administrative data	3. Gan W, BC Center For Disease Control. Risk of Overdose-Related Death for People with a History of Incarceration
23:38 Wednesday 11 November, UTC Time **Q & A Session with all presenters**	4. Young J. University of Melbourne. Drug-related deaths among young people involved in the criminal justice system: a whole-population multi-sectoral data linkage study
	23.50 Wednesday 11 November, UTC Time **Q & A Session with all presenters**
00:34 Thursday 12 November, UTC Time **Presentations from abstracts (Poverty/Homelessness)** **Session Chair:** Professor Alan Katz	**00:34 Thursday 12 November, UTC Time** **Presentations from abstracts (Cardiovascular Disease)** **Session Chair:** Professor Michael Schull
1. Williams S, Victorian Dept Health and Human Services. Linked administrative data's role in Victoria's first social impact investment, journey to social inclusion, working to end chronic homelessness	1. Ung D, Monash University. Longer duration on a Chronic Disease Management plan is associated with long-term adherence to antihypertensive and antithrombotic medications following stroke
2. Thomas I, Administrative Data Research Centre Wales. Housing insecurity over time: exploratory analysis of repeat housing-service use within a single local government area in Wales	2. Eng A, Massey University. occupational exposures and ischaemic heart disease: results from the entire New Zealand population
3. Exeter D, University of Auckland. Integrating data to measure socioecomic position (SEP) among New Zealand's population aged ≥65	3. Hsu B, University of New South Wales. Use of Aged Care Services in Australia after New Onset of Cardiovascular Disease
01:10 Thursday 12 November, UTC Time **Q & A Session with all presenters**	4. Seth R, University of Western Australia. Pioneering methods developed to investigate the burden of Acute Rheumatic Fever and Rheumatic Heart Disease using multiple linked data sources
	01:22 Thursday 12 November, UTC Time **Q & A Session with all presenters**
02:06 Thursday 12 November, UTC Time **Presentations from abstracts (Trauma and Violence)**	**02:06 Thursday 12 November, UTC Time** **Presentations from abstracts (Addiction)**

	Session Chair: Ms Melissa Willoughby	Session Chair: Prof Stuart Kinner
	1. Leckning B and Millroy H, Menzies School of Health Research & University of Western Australia. Investigating risk of self-harm by young Aboriginal people with a history of child protection system contact: Identifying opportunities for prevention	1. Pearce L, University of Melbourne. Opioid agonist treatment and risk of mortality during an opioid overdose public health emergency: a population-based retrospective cohort study
	2. Orr C, University of Western Australia. The impact of family and domestic violence on children's early developmental outcomes	2. Keen C, University of Melbourne. Time-varying vulnerability to non-fatal overdose: a self-controlled case series
	3. Urquia M, University of Manitoba. Healthcare use for violent injury after intimate partner violence identified through the justice system: a data linkage study	3. Xavier C, BC Centre for Disease Control. Provincial Overdose Cohort: Population Data Linkage during an Overdose Crisis
	02:42 Thursday 12 November, UTC Time **Q & A Session with all presenters**	4. Kurdyak P, IC/ES. Needs based alignment for addictions services across acute care and community-based supports: a retrospective cohort study in Toronto, Ontario
		02:42 Thursday 12 November, UTC Time **Q & A Session with all presenters**

Thursday 12 November 2020, UTC Time

Timing	Conference Topic / Theme: Real World Data 3
LIVE **08:00 Thursday 12 November, UTC Time** 03:00 Thursday 12 November, Toronto Time 08:00 Thursday 12 November, London Time 19:00 Thursday 12 November, Sydney time **Duration**: 214 minutes	**08:00 Thursday 12 November, UTC Time** **Presentations from abstracts (Cancer)** **Session Chair:** Professor David Preen
	1. Daniels B, University of New South Wales. Identifying Incident Cancer Cases In Medicine Dispensing Claims: A Validation Study Using Australia's Pharmaceutical Scheme (PBS) Data
	2. Gheybi K, University of South Australia. Identifying patterns of comorbidities with cancers of the colon and rectum, as related to age at diagnosis
	3. Atherton I, Edinburgh Napier University. Changing propensity to die at home for people with cancer in Scotland 2001-2011: evidence from a data linkage study

	4. Perez-Concha O, University of New South Wales. Clinical pathway to diagnosis of cancer-registry notified cancer of unknown primary site (CUP)
	08:50 Thursday 12 November, UTC Time **Q & A Session with all presenters**
	09:24 Thursday 12 November, UTC Time **Presentations from abstracts (Child Protection)** **Session Chair:** Professor Leonie Segal
	1. Pearson R, UCL Great Ormond Street Institute of Child Health. Novel Linkage of Administrative Health and Family Court Data To Examine Mental Health Need Among Women Whose Children Enter Care
	2. He VF, Menzies School of Health Research. The link between early involvement with child protection system and youth offending: a multi-agency data-linkage study in Northern Territory, Australia
	3. Davie G, University of Otago. Child protection inequalities in New Zealand: exploring relationships with social gradient using national linked administrative datasets
	4. Williams S. Victorian Department of Health and Human Services. Supporting transition from Out of Home Care to adulthood: linked data is central to the COMPASS social impact bond.
	10:12 Thursday 12 November, UTC Time **Q & A Session with all presenters**
	10:46 Thursday 12 November, UTC Time **Presentations from abstracts (Mental Health)** **Session Chair:** Dr Rohan Borschmann
	1. Onyeka I, Queen's University Belfast, Self-Reported Mental Health Versus Psychotropic Medication Record As a Predictor of Suicide: A Record Linkage Study
	2. Barr M, University of New South Wales. Using multiple administrative health datasets to identify a mental illness cohort
	3. Camacho X, University of Melbourne. Maternal and neonatal outcomes associated with psychostimulant use in pregnancy
	4. Rodgers S, University of Liverpool. Is wellbeing associated with time spent in nature?
	11:34 Thursday 12 November, UTC Time **Q & A Session with all presenters**
LIVE **23:00 Thursday 12 November, UTC Time** 18:00 Thursday 12 November, Toronto Time 23:00 Thursday 12 November, London Time 10:00 Friday 13 November Sydney Time	**Symposium 2: Shared priorities, data and reporting: improving access to mental health, addictions and home care services**
	23:00 Thursday 12 November, UTC Time **Symposium 2: Shared priorities, data and reporting: improving access to mental health, addictions and home care services**

Duration 75 Minutes	

Friday 13 November 2020, UTC Time

Timing	Symposium 3: Distributed networks of federated secure research data environments - enabling analytics across multiple platforms
LIVE **00:30 Friday 13 November, UTC Time** 19:30 Thursday 12 November, Toronto Time 00:30 Friday 13 November, London Time 11:30 Friday 13 November Sydney Time **Duration:** 75 Minutes	**00:30 Friday 13 November, UTC Time** **Symposium 3: Distributed networks of federated secure research data environments - enabling analytics across multiple platforms**
LIVE **08:00 Friday 13 November, UTC Time** 03:00 Friday 13 November, Toronto Time 08:00 Friday 13 November, London Time 19:00 Friday 13 November, Sydney Time **Duration:** 35 minutes	**Conference Topic / Theme: Health and Social Inequities**
	08:00 Friday 13 November, UTC Time **Keynote Address: Health and Social Inequities** Associate Professor Robert Aldridge. Wellcome Clinical Research Career Development Fellow and Consultant in Public Health Institute of Health Informatics University College London **Session Chair**: Professor Chris Dibben
LIVE **09:30 Friday 13 November, UTC Time**	**Symposium 4: Innovative use of administrative data in legal research and practice**

04:30 Friday 13 November, Toronto Time 09:30 Friday 13 November, London Time 20:30 Friday 13 November, Sydney Time **Duration:** 75 Minutes	**09:30 Friday 13 November, UTC Time** **Symposium 4: Innovative use of administrative data in legal research and practice**
	Conference Closing