

IPDLN 2020 Conference
DRAFT Virtual Live Events and Activities Program | 8 – 13 November 2020

Please note, this program is a draft and subject to change
 As at 15 October 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
<p>LIVE 11:00 PM, Sunday, 8 November, UTC Time</p> <p>6:00 PM, Sunday, 8 November, Toronto Time 11:00 PM, Sunday, 8 November, London Time 10:00 AM, Monday 9 November, Sydney Time</p> <p>Duration: 3 Hours</p>	<p>Conference Welcome</p> <p>Keynote Presentation (Indigenous health and well-being)</p> <p>Presentations from abstracts (Indigenous health and well-being)</p> <ol style="list-style-type: none"> 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 Mecredy G, IC/ES. Collaboration with First Nations communities to produce tailored community-driven results Shahidullah M, Australian Bureau of Statistics. Use of data linkage method to compile life tables for Aboriginal and Torres Strait Islander Australians McBeth S, Stats New Zealand. Access to linked administrative data through an Indigenous cultural lens <p>Q & A Session with all presenters</p> <p>Panel Discussion (Indigenous health and well-being)</p> <ul style="list-style-type: none"> Associate Professor Ray Lovett, Australian National University Mr Andrew Sporle, University of Auckland Dr Jennifer Walker, Laurentian University <p>Presentations from abstracts (Indigenous health and well-being)</p>

	1. Ladbroke 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
	Q & A Session with all presenters

Monday 9 November, UTC Time

Timing	Conference Topic / Theme: COVID-19 and other communicable diseases
<p>LIVE 8:00 AM, Monday 9 November, UTC Time</p> <p>3:00 AM, Monday 9 November, Toronto Time 8:00 AM, Monday 9 November, London time 7:00 PM, Monday 9 November, Sydney Time</p> <p>Duration: 3 Hours</p>	<p>Panel Presentations and Discussion (COVID 19)</p> <ul style="list-style-type: none"> • Professor Yik-Ying Teo, National University of Singapore • Professor Jodie McVernon, Doherty Institute
	<p>Presentations from abstracts (Other communicable diseases)</p>
	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
	Q & A Session with all presenters

LIVE

11:00 PM, Monday 9 November, UTC Time

6:00 PM Monday, 9 November, Toronto Time

11:00 PM Monday, 9 November, London Time

10:00 AM, Tuesday 10 November, Sydney Time

Duration: 3 Hours

Conference Topic / Theme: Ethics, Law and Governance/Data Linkage Platforms

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

Presentations from abstracts (Ethics, Law and Governance)

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

Q & A Session with all presenters

Presentations from abstracts (Data Linkage Platforms)

1. Hawn Nelson A, 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)

Q & A Session with all presenters

Tuesday 10 November 2020

Timing	Conference Topic / Theme: Data linkage, methods, systems and technology
<p>LIVE 8:00 AM, Tuesday 10 November, UTC Time</p> <p>3:00 AM, Tuesday 10 November, Toronto Time 8:00 AM, Tuesday 10 November, London Time 7:00 PM , Tuesday 10 November, Sydney Time</p> <p>Duration: 3 Hours</p>	<p>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 is Australia</p> <p>Presentations from abstracts (Linkage techniques)</p> <ol style="list-style-type: none"> 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. Duszynski K, University of South Australia. Validating Australian Government Medicare Benefits Schedule data against the national joint replacement registry data. 4. Farrow J, Farrow Norris Pty Ltd. Working with legacy relational data in a graph-based world <p>Q & A Session with all presenters</p> <p>Presentations from abstracts (Privacy Preserving Record Linkage)</p> <ol style="list-style-type: none"> 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 <p>Q & A Session with all presenters</p>
<p>LIVE 11:00PM, Tuesday 10 November, UTC Time</p> <p>6:00 PM Tuesday 10 November, Toronto Time 11:00 PM Tuesday 10 November, London Time 10:00 AM, Wednesday 11 November, Sydney Time</p>	<p>Conference Topic / Theme: Advanced Analytics</p> <p>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.</p> <p>Presentations from abstracts (Artificial Intelligence/Machine Learning)</p>

Duration: 3 Hours	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. Azimae 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
	Q & A Session with all presenters
	Presentations from abstracts (Other Analytical Techniques)
	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
	Q & A Session with all presenters

Wednesday 11 November 2020, UTC Time

Timing	Conference Topic / Theme: Community Involvement
LIVE 8:00 AM Wednesday 11 November, UTC Time 3:00 AM, Wednesday 11 November, Toronto Time 8:00 AM, Wednesday 11 November, London Time 7:00 PM, Wednesday 11 November, Sydney Time Duration: 3 Hours	Symposium 1: Involving the Public in Data Linkage Research
	Presentations from abstracts (Community Involvement)
	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

4:00 PM, Wednesday 11 November, UTC Time

11:00 AM, Wednesday 11 November, Toronto Time

4:00 PM, Wednesday 11 November, London Time

3:00 AM, Thursday 12 November, Sydney Time

Duration: 3 Hours

Conference Topic / Theme: Real World Data 1

Presentations from abstracts (Medicines)

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. Singal D, University of Manitoba. Prescription benzodiazepine use during pregnancy and risk of attention-deficit/hyperactivity disorder in offspring

Q & A Session with all presenters

Presentations from abstracts (Education)

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.

Q & A Session with all presenters

Presentations from abstracts (Maternal and Child Health)

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

	Q & A Session with all presenters	
LIVE 11:00 PM, Wednesday 11 November, UTC Time 6:00 PM, Wednesday 11 November, Toronto Time 11:00 PM, Wednesday 11 November, London Time 10:00 AM, Thursday 12 November, Sydney Time Duration: 3 Hours	Conference Topic / Theme: Real World Data 2 Concurrent Session 1	Conference Topic / Theme: Real World Data 2 Concurrent Session 2
	Presentations from abstracts (Ageing)	Presentations from abstracts (Incarceration)
	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
	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
		Q & A Session with all presenters
	Presentations from abstracts (Poverty/Homelessness)	Presentations from abstracts (Cardiovascular Disease)
	1. Findlay S, Sacred Heart Mission Inc. 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	2. Eng A, Massey University. occupational exposures and ischaemic heart disease: results from the entire New Zealand population

	use within a single local government area in Wales	
	3. Exeter D, University of Auckland. Integrating data to measure socioeconomic 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
	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
		Q & A Session with all presenters
	Presentations from abstracts (Violence)	Presentations from abstracts (Addiction)
	1. Leckning B and Millroy H, Charles Darwin University & 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
	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
		Q & A Session with all presenters

Thursday 12 November 2020, UTC Time

Timing	Conference Topic / Theme: Real World Data 3
<p>LIVE 8:00 AM, Thursday 12 November, UTC Time</p> <p>3:00 AM, Thursday 12 November, Toronto Time 8:00 AM, Thursday 12 November, London Time 7:00 PM, Thursday 12 November, Sydney time</p> <p>Duration: 3 Hours</p>	<p>Presentations from abstracts (Cancer)</p>
	<p>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</p>
	<p>2. Gheybi K, University of South Australia. Identifying patterns of comorbidities with cancers of the colon and rectum, as related to age at diagnosis</p>
	<p>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</p>
	<p>4. Perez-Concha O, University of New South Wales. Clinical pathway to diagnosis of cancer-registry notified cancer of unknown primary site (CUP)</p>
	<p>Q & A Session with all presenters</p>
	<p>Presentations from abstracts (Child Protection)</p>
	<p>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</p>
	<p>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</p>
	<p>3. Davie G, University of Otago. Child protection inequalities in New Zealand: exploring relationships with social gradient using national linked administrative datasets</p>
	<p>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.</p>
	<p>Q & A Session with all presenters</p>
	<p>Presentations from abstracts (Mental Health)</p>
	<p>1. Onyeka I, Queen's University Belfast, Self-Reported Mental Health Versus Psychotropic Medication Record As a Predictor of Suicide: A Record Linkage Study</p>
	<p>2. Barr M, University of New South Wales. Using multiple administrative health datasets to identify a mental illness cohort</p>
	<p>3. Camacho X, University of Melbourne. Maternal and neonatal outcomes associated with psychostimulant use in pregnancy</p>
<p>4. Rodgers S, University of Liverpool. Is wellbeing associated with time spent in nature?</p>	
<p>Q & A Session with all presenters</p>	

<p>LIVE 11:00 PM , Thursday 12 November, UTC Time</p> <p>6:00 PM, Thursday 12 November, Toronto Time 11:00 PM , Thursday 12 November, London Time 10:00 AM, Friday 13 November Sydney Time</p> <p>Duration 75 Minutes</p>	<p>Symposium 2: Shared priorities, data and reporting: improving access to mental health, addictions and home care services</p> <p>Symposium 2: Shared priorities, data and reporting: improving access to mental health, addictions and home care services</p>
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Friday 13 November 2020, UTC Time

<p>Timing</p>	<p>Symposium 3: Distributed networks of federated secure research data environments - enabling analytics across multiple platforms</p>
<p>LIVE 12:30 AM , Friday 13 November, UTC Time</p> <p>7:30 PM, Thursday 12 November, Toronto Time 12:30 AM , Friday 13 November, London Time 11:30 AM, Friday 13 November Sydney Time</p> <p>Duration: 75 Minutes</p>	<p>Symposium 3: Distributed networks of federated secure research data environments - enabling analytics across multiple platforms</p>
<p>LIVE 8:00 AM, Friday 13 November, UTC Time</p> <p>3:00 AM, Friday 13 November, Toronto Time 8:00 AM, Friday 13 November, London Time 7:00 PM, Friday 13 November, Sydney Time</p> <p>Duration: 75 minutes</p>	<p>Conference Topic / Theme: Health and Social Inequities</p> <p>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</p>
<p>LIVE 9:30 AM, Friday 13 November, UTC Time</p>	<p>Symposium 4: Innovative use of administrative data in legal research and practice</p>

<p>4:30 AM, Friday 13 November, Toronto Time 9:30 AM, Friday 13 November, London Time 8:30 PM, Friday 13 November, Sydney Time</p> <p>Duration: 75 Minutes</p>	<p>Symposium 4: Innovative use of administrative data in legal research and practice</p>
	<p>Conference Closing</p>

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