INTERNATIONAL
Population Data Linkage
NETWORK

15th Sep 2024

	International	Embassy	State	Chancellor	Crystal (T/W)	Regent (M/T/W)	Gold (M/T/W)	Ambassador (M/T/W)	Kellerman (Th)	Hale (Th)	Trienens (Th)	Gray (Th)
08:00 - 10:00	**Registration**											
10:00 - 14:00		**Workshop** **REGISTRATION REQUIRED: Ethics, Data Governance, Knowledge Production, and Public Engagement in Population Data Science: The Brazilian Experience** We aim to exchange experiences and insights on the management and governance of linked datasets, including designing strategies that enable ethical and inclusive data practices in the production of scientific knowledge. The workshop will be based on the experience of the Center for Data	**Workshop** **REGISTRATION REQUIRED: Communicating for Impact: Finding the Story in Your Research** Research using population data is relevant to everyone – but to people outside the sector, it can be a mystifying topic. How can researchers share their findings in a way that captures people's attention and inspires action? This workshop will explore how researchers can communicate more effectively, to encourage engagement, demonstrate trustworthiness and achieve real-world impact. It aims to build participants'	**Workshop** **REGISTRATION REQUIRED: Constantly Changing, Constantly Adapting: Lives and Life-course Data of Children and Childhood Social Care** Adverse childhood experiences, that sometimes lead to involvement of children's social services, have a lifelong impact. This workshop aims to promote local and international population level research on childhood social care experiences and their association to outcomes across the life-course. We address the themes of data		**Workshop** **REGISTRATION REQUIRED: Data Linking Practice in Selected Data Systems of USA DHS and DOJ** This workshop consists of three sessions on data resolution practices in the United State immigration system. The goal is to show how the immigration data are matched and linked in DHS and DOJ data systems, and how they can be analyzed to inform different stakeholders to better understand the USA immigration system.	**Workshop** **REGISTRATION REQUIRED: Synthetic Data, Common Data Models and Federation: Holy Trinity or unholy mess?** This workshop will explore the role of synthetic data in health research, education and innovation, discussing applications and benefits, while tackling challenges like privacy and security. It will examine the relationship between synthetic data and Common Data Models. The need for federated data ecosystems, maintaining ownership and control, will be emphasised. Use cases will assess	**Workshop** **REGISTRATION REQUIRED: Exploring Data Linkage Methods Using Large-Scale Simulated Data** This half-day workshop offers participants a hands-on opportunity to compare record linkage methods using large, simulated data from pseudopeople, an open-source Python package we've developed. We will start with an introductory tutorial on using Splink, a record linkage tool developed at the UK Ministry of Justice, then proceed to examine other			

		and Knowledge Integration for Health (CIDACS/Fiocruz Bahia-Brazil), an initiative that employs in-house infrastructure and procedures to provide linked datasets to support health research aimed at evaluating and influencing social protection and health policies in Brazil.	skills and confidence in sharing their research with new audiences to maximise the benefits of their work.	jigsaw across the family life-course, data sovereignty and engagement. Participants are invited to develop their research and international collaborations on these themes together with our international panel of experts and other workshop participants.			synthetic data's feasibility and limitations, providing insights for effective utilisation. The workshop will evaluate how these components can drive innovation and foster privacy-preserving data sharing.	software packages. We'll discover the strengths and weaknesses of different approaches by applying them to the same realistic linkage task.				
14:00 - 17:00												
17:00 - 19:00	**Opening Reception with Keynote** **Measuring, monitoring, explaining, and minimizing data linkage bias to create trustworthy AI systems by Julia Lane, PhD** Welcoming remarks - Abel Kho, Dennis Culhane, and Amy O'Hara Keynote: Julia Lane, Ph.D. "Measuring, monitoring, explaining, and minimizing data linkage bias to create trustworthy AI systems" The national and international frameworks for developing trustworthy AI systems have highlighted the importance of ensuring that the systems are "valid and reliable, safe, secure and resilient, accountable and transparent, explainable and interpretable, privacy-enhanced, and fair with harmful bias managed". Record linkage is a common building block for many AI systems: the science is essential to the creation of high-quality training and test datasets that are combined from heterogeneous sources. But record linkage can also be an unintended source of harmful bias for both technical and socio-technical reasons. The impact of many technical decisions are not fully understood by the implementers. And many stakeholders who might be affected by incorrect linkages are not directly involved in the multiple decisions that are made. This presentation argues that the data linkage community in general, and IPDLN in particular could play an essential role in mitigating such bias through identifying, measuring, and transparently reporting the multiple sources of bias. It provides a potential framework for doing so.											

16th Sep 2024

	International	Embassy	State	Chancellor	Crystal (T/W)	Regent (M/T/W)	Gold (M/T/W)	Ambassador (M/T/W)	Kellerman (Th)	Hale (Th)	Trienens (Th)	Gray (Th)
08:00 - 08:30	**Registration**											
08:30 - 12:00		**Workshop** **REGISTRATION REQUIRED: Drifts and Shifts: Monitoring Changes in the Social License for Research Using Health Data** Presenters include Julia Burt, Catherine Street, Felicity Flack, and Annette Braunack-Mayer, experts in public engagement and research ethics. The workshop aims to familiarize participants with social licence concepts, current evaluation methods, and prioritize areas for research. It emphasizes the importance of continuous monitoring to				**Workshop** **REGISTRATION REQUIRED: Opportunities for Cross-Country Comparisons of Linked Administrative Education and Health Data** Q. How can we better initiate and run international collaborations using linked health and education data? Experts linking health and education data from 14 countries (America, Australia, Canada, Chile, Denmark, England, Finland, Germany, New Zealand, Northern Ireland, Norway, Scotland, Sweden, Wales) will showcase the data	**Workshop** **REGISTRATION REQUIRED: Live Research Dialogue on the Benefits, Costs, and Utility of Synthetic Data for Researchers** Join us to explore how the availability of synthetic data can affect researchers. Hear the perspectives of data owners and processors, and the public. Breakout groups will unpack what characteristics of synthetic data make it useful (or not), and delve into the challenges of ethics, governance and pure practicalities of the routine provision of	**Workshop** **REGISTRATION REQUIRED: Turning Research Ideas into Reality: A Guide to Developing a Simulated Research Protocol using Administrative Data** Participants will be guided through a plausible real-world research project using administrative data and explore what is possible to measure and analyze. The objectives are: 1) demonstrate how to translate a research idea into an analytic protocol appropriate for administrative data research; and			

		maintain community trust in data usage. Expected outcomes include knowledge enhancement, priority setting, and collaboration opportunities. Targeted at consumer involvement and data linkage professionals.				linkages available in their country and outline their scope for collaboration.	synthetic data for secure datasets. Be part of a live, international research project to influence opinion and practice on this fast-evolving complex topic.	2) foster discussion on practices for conducting administrative data research across jurisdictions. The workshop will have three distinct parts: 1) group completion of analytic plan; 2) critically evaluate project feasibility; and 3) discussion on research governance.				
12:00 - 13:15	**Lunch Break**											
13:15 - 14:00	**Keynote** **Empowering Communities: The Impact of Data Linkage in Civic Engagement by Jeanine Abrams McLean, PhD** This presentation will focus on the implications of data linkage in civic engagement. Drawing on experiences from Fair Count, Dr. Jeanine Abrams											

	McLean will explore how linking population-level data can empower communities, while addressing challenges, successful strategies, and future directions for leveraging data to drive meaningful civic participation.											
14:00 - 15:30	**Rapid Fire I** **Population health value of being in target: Results from the Canadian Multi-Morbidity Model for Type 2 Diabetes** Ian Sobotka, Lauren Cipriano, Doug Coyle, Deva Thiruchelvam, Baiju Shah **Algorithmic Identification of Multiple Sclerosis in the SAIL databank** Rod Middleton, Richard Nicholas, Emma Tallantyre, James Witts, Ruth Ann Marrie, Elaine Craig, Sarah Knowles,	**Session R12** **Injury Assessment of Pedestrians, Bicyclists, and Motorcyclists Utilizing Linkage of Police-Reported Crash Data to EMS Data in Michigan** Patrick Bowman, Carol Flannagan, Andrew Leslie, Helen Spradlin **Cycling and Pedestrian Injuries in the Region of Peel, Ontario; An application of linked administrative health data to enhance local road safety and health service**	**Session R14** **A value approach to measuring the effect on health resource usage of specialist cardiac interventions in Wales** Gareth Davies, Ashley Akbari, Rowena Bailey, Lloyd Evans, Kendal Smith, Richard Palmer, Jonathan Goodfellow, Michael Thomas, Kerryn Lutchman-Singh **Predictors of high hospital admission and criminal reoffending in adults experiencing homelessness: a retrospective cohort study**	**Session R13** **Exploring the Experiences of Children in Kinship Care in Scotland: A Sequence Analysis of Care Journeys, Characteristics and Outcomes** Joanna Soraghan, Robert Porter **Disabilities in children receiving care and support in Wales and risk factors associated with being placed in care: A population-based data linkage study**		**Session E1** **Engagement and Communication Challenges for a Complex, Multi-nation Research Project: AD|ARC (Administrative Data | Agricultural Research Collection)** Freya Pryce, Sarah Lowe, Sian Morrison-Rees, Laura Madden, Paul Caskie, Racheal Loftus **Data Quality and Legal Barriers to Linking US Government Social Program Data** Robert Goerge	**Session D2** **Automating thresholds in probabilistic linkage** Zoe White, Josie Plachta, Rachel Shipsey **Comparing the linkage performance of fastLink, Match*Pro and Splink at the Florida Cancer Registry using simulated pseudopeople data** Anders Alexandersson **Using Polars to Improve String Similarity**	**Session I1** **Pilot Federated Analysis Projects** Simon Thompson **Improving Responsiveness: Our Journey from Manual Yearly Updates to Automated Linkage for Near Real-Time Understanding of Outcomes and Modelling Future Service Demand** Philip Witowski, Mark Sipthorp, Adam Ismail, Windra Sulaiman, Beverley Phillips, Sharon Williams **Federated Data Linkage in Practice**				

	Owen Pearson, Katherine Harding, Karim Kreft, Jonathon Hawken, Gillian Ingram, Bethan Morgan, Neil Robertson **Identifying hospitalization episodes of care among people with and without HIV in British Columbia, Canada** Scott Emerson, Taylor McLinden, Paul Sereda, Amanda Yonkman, Jason Trigg, Rolando Barrios, Robert Hogg **Linking Maternal and Child Health Data to Enhance Public Health Surveillance in Indiana** Daniel P. Riggins, Jill Inderstrodt, John Price, Shaun J. Grannis, Titus Schleyer, Jennifer Crago, Stephen O'Brien, Brian E. Dixon **Mental health of children with special health needs in**	**delivery, through an Applied Health Research Question (AHRQ)** Natalie Troke, Lesley Plumptre, Refik Saskin, Diana An, Natasha Fortin **Urban Trail Exposure in Winnipeg, Canada: Longitudinal Cohort Development for a 20-Year Difference-in-Differences Analysis of a Natural Experiment with Varied Duration of Exposure Times** Heather Prior, Charles Burchill, Jonathan McGavock **Demographic characteristics of those who cycle commute and the effect access to on- and off-road cycle paths has on cycle commute uptake.** Laurie Berrie, Chris Dibben, Zhiqiang Feng, Tom Clemens, Lee Williamson	Rebecca Mitchell, Nicholas Burns, Nicholas Glozier, Olav Nielssen **Stimulant treatment for attention-deficit/hyperactivity disorder and risk of first and repeat criminal offending: a population data linkage cohort study** Timothy Nielsen, Ralph Nanan, Tony Butler, Natasha Nassar, Alison Poulton **Understanding Housing Stability for Child Welfare-Involved Families** Sydney Johnson, Kristine Piescher, Leah Lindstrom Rhea, Amy Stetzel	Jeanne Childs, Lucy Griffiths, Helen Hodges, Grace Bailey, Martin Elliott, Laura Cowley **Hospital admissions among adolescents in out-of-home care or special educational needs in England: insights from the ECHILD database of linked health, education and social care records** Ruth Blackburn, Ania Zylbersztejn, Dora Kokosi, Michelle Heys, Ruth Gilbert **The scale and timing of child protection system contacts from 0-18 years: a study of 1.9 million Australian children** Rhiannon Pilkington, Kathleen Falster, Mark Hanly, Alicia		**Generation Scotland – Linking all the records we can** Archie Campbell, Robin Flaig, Daniel McCartney, Heather Whalley, Cathie Sudlow **Barriers and enablers to secondary use of multi-regional linked administrative health data for three distinct user groups: academic researchers, health-system knowledge users, and private sector researchers** Raquel Duchen, Donna Curtis Maillet, Ted McDonald', Jodi Gately, Keltie Gale, Minnie Ho, Michael Schull, Trish Caetano, Anne Hayes **Expanding opportunities in health data: Enhancing research by facilitating linkage of Ontario's population-level health administrative data with data**	**Performance in Python** Jeremy Foxcroft, Luiza Antonie **Matching Occupational Injury and Illness Data Using Augmented Twin Neural Networks** Elan Segarra	Michael Edwards, Alexandra Lee, Simon Thompson **Health Outcomes Linkage in UK Biobank** Laura Bramley, Jo Gay, Christopher de Lacy, Howard Callen, Sean Rose, Amy Flaxman, Gemma Codner, Rachael Drake-Brockman, Ben Lacey, Naomi Allen				

	Manitoba, Canada Caroline Reid-Westoby, Jennifer Enns, Marni Brownell, Gilles Detillieux, Nathan Nickel, Magdalena Janus **The role of emergency department crowding on the implementation of efficiency strategies to improve care for adult patients presenting with chest pain.** Brian Rowe, Esther Yang, Shandra Doran, Michelle Graham, Sean van Diepen, Josh Raizman, Albert Tsui **Enhancing Disease Detection in Electronic Medical Records: Integrating Human Expertise and Large Language Models with Application to Diabetes, Hypertension, and Acute Myocardial Infarction**			Montgomerie, Tasnia Ahmed, BJ Newton, Ben Edwards, Raghu Lingam, Anthony Shakeshaft, Michelle Cretikos, Jessica Stewart, Katherine Hawkins, Kitty McLean, John Lynch **Impact of out-of-home care on children's outcomes: A longitudinal cohort study using linked administrative data from Manitoba, Canada** Marni Brownell, Kayla Frank, Nathan Nickel, Jennifer Enns, Lisa Flaten, Stephanie Sinclair, Elizabeth Decaire, Jennifer Chartrand, Scott Sinclair, Teresa Mayer, Chris Nash, Jamie Pfau, Anita Durksen, Colette Scatliff, Mikayla Hunter, Soomin Han, Stephaney		**from patient support programs (PSPs)** Keresa Arnold, Lisa Ishiguro, Minnie Ho, Dina Skvirisky, Jeruby Retnakanthan, Jacob Etches, Luke Mondor, Refik Saskin, Charles Victor						

	Jie Pan, Seungwon Lee, Cheligeer Cheligeer, Elliot Martin, Kiarash Riazi, Hude Quan, Na Li **Identifying disease phenotypes from linked health data: Comparison of self-report, hospital inpatient and primary care in UK Biobank.** Megan Conroy, Ben Lacey, Gillian Reeves, Naomi Allen			Patrick, Hera Casidsid, Sana Amjad, Marlyn Bennett, Hygiea Casiano, James Houston, Laura Bowler, Therese Stukel							
15:30 - 16:00	**Break**										
16:00 - 17:30	**Rapid Fire II** **Applying Newly Identified Financially Focused Home Care Quality and Performance Indicators In Alberta's $23.5B/annum Health System - Preliminary Findings** Max Jajszczok, Hude Quan, Catherine A Eastwood,	**Session R1** **AD|ARC (Administrative Data Agri-Research Collection): Comparative analysis of highest educational qualification in Welsh households receiving a farming subsidy with rurality-matched control households, using**	**Session R2** **Approaches to Identifying health disparities by ethnicity using linked Australian Census data** Fiona Stanaway, Liz Allen, Lin Zhu, Bree McDonald, Mei Ling Yap, Michelle Dickson, Natasha Nassar **Measuring error in the Demographic Index – steps**	**Session D9** **A Bayesian Multi-Layered Record Linkage Procedure to Analyze Functional Status of Medicare Patients with Traumatic Brain Injury** Roee Gutman, Kali Thomas, Mingyang Shan		**Session E2** **Adaptive Governance: Empowering Data Sharing for Public Health Impact - Insights from North Carolina Department of Health and Human Services** Amy Hawn Nelson, Paul Hogle, Sharon Zanti, Scott Proescholdbell, Jessie Tenenbaum	**Session D1** **Improving Cardiac Insights: Harnessing Privacy-Preserving Record Linkage (PPRL) to Obtain, Link, and Enhance Data for a Healthier Australia** Philip Witowski, Windra Sulaiman, Mark Sipthorp, Adam Ismail, Beverley Phillips, Sharon Williams	**Session R25** **Exploring variations in patient safety events across equity-deserving populations** Dana Riley, Eric De Prophetis, Mayuri Mahendran, Geoffrey Hynes, Ezra Hart, Rukayyah Akinnibosun, Keith Denny			

	Mingshan Lu, Ceara Cunningham **Individual, household, and socio-economic predictors of COVID-19 testing and vaccination outcomes: a whole population linked data analysis** Nicole Satherley, Andrew Sporle **The Impact of COVID-19 on Mental Health Outcomes among Recipients of Ontario Social Assistance Benefits** Michael Campitelli, Eliane Kim, Lesley Plumptre, Astrid Guttmann, Paul Kurdyak **Using linked data to inform multidimensional real-world issues: Canadian examples** Winnie Chan, Li Xue **Quality of care for community-**	**2011 UK Census data.** Katy Addison, Sian Morrison-Rees, Paul Caskie, Liam Crowley, Laura Madden, Sean Scully **AD|ARC (Administrative Data | Agricultural Research Collection): Characteristics of farm households participating in agri-environment schemes in Wales, UK.** Sian Morrison-Rees, Rachael Loftus, Laura Madden, Freya Pryce, Matthew Curds, Paul Caskie **Investigation of the differences in characteristics of Welsh farming households with and without off-farm income** Jenny Thyer, Sian Morrison-Rees, Sean Scully, Paul Caskie **AD|ARC (Administrative Data Agri-Research Collection):**	**towards a future population statistics system in England and Wales** Rosalind Archer, Peshali Diyasena, Emma Grant **Transforming and Modernizing Population and Housing Censuses in Africa: Experiences from the 2020 Round (2015-2024)** Rachel Shipsey, William Muhwava **Developing and using a full-population resource from Washington State administrative data** Jennifer L Romich, Shannon Harper, Sofia G Ayala, Callie Freitag, Elizabeth Pelletier, Geraldine Germain, Tagoipah Mathno	**Research to understand and provide evidence for a generalised approach to data linkage** Rachel Huck, Sarah Cummins **A novel encryption protocol for facilitating de-identification of genomics health data** David Copeland, Alasdair Taylor **The Fundamental Role of Linkage Uncertainty in Epidemiological Analysis of Big Data** Jacob Bor, Evelyn Lauren **Evaluation of an Optimal Method for Ordering Hierarchical Matchkeys in Data Linkage at the Office for National Statistics** Matthew Wray, Donal McLaughlin, Pratibha		**Implementing a streamlined data access governance process for the release of routinely collected electronic health record data for research** Emily Parker, Naude Kim, Tanya Ravipati, Richard Beare, Lee-Anne Clavarino, Velandai Srikanth, Nadine Andrew **The AISP Network of cross-sector data linkage efforts: Results & lessons from a national survey of 40 state and local systems in the US** Emily Berkowitz, Della Jenkins, Amy Hawn Nelson, Sharon Zanti, Deja Kemp, TC Burnett, Jessie Rios Benitez **Knowledge-Driven Data Sharing Governance: Developing a data provenance model for constructing context-aware data sharing frameworks for linkage data within the All of**	**A single parameter method for secure privacy preserving record linkage** Peter Christen, Sumayya Ziyad, Anushka Vidanage, Charini Nanayakkara, Rainer Schnell **Linkage for risk-sensitive environments: Australian examples of privacy-preserving record linkage using Bloom filters** Anna Ferrante, Adrian Brown, Sean Randall, James Boyd **Linkja: Open Source Privacy-Preserving Record Linkage Tool** Kruti Doshi, William Trick, Keiki Hinami **Reporting on the establishment of a Privacy Preserving Record Linkage to Facilitate an Ongoing Crosswalk Between Research and Health**	**Creating a population-wide Desirable Health Service Utilisation Indicator using linked health and administrative data** Harri Doel, Lucy Griffiths, Richard Fry, Rhodri Johnson, Samantha Turner, Ronan Lyons, Jane Lyons **Free Text Analysis: Identification of adverse drug events in clinical notes** Alan Katz, Abhishek Dhankar, Christine Leong, Amani Hamad, Alex Singer **Prevalence of Congenital Anomalies Before and After Implementation of a Novel Wastewater Treatment Technology in Texas: An Augmented Synthetic Control Method Analysis Utilizing Data from a Population-Based**				

	dwelling older adults living with dementia in BC: an interrupted time-series analysis to examine the effect of the COVID-19 pandemic Mary Helmer-Smith, Kimberlyn McGrail, Sabrina Wong, Michael Law **Uptake of COVID-19 vaccinations amongst 3,433,483 children and young people across four nations in the UK** Sarah J Aldridge, Utkarsh Agrawal, Siobhán Murphy, Tristan Millington, Ashley Akbari, Fatima Almaghrabi, Sneha N Anand, Stuart Bedston, Rosalind Goudie, Rowena Griffiths, Mark Joy, Emily Lowthian, Simon de Lusignan, Lynsey Patterson, Chris Robertson, Igor Rudan, Declan T Bradley, Ronan Lyons, Aziz	**Linking Individual, Household and Farm Business Data for Sociodemographic Research on Farming Households** Sian Morrison-Rees, Laura Madden, Matthew Curds, Paul Caskie, Rachael Loftus		Vellanki, Zoe White, Josie Plachta, Leah Maizey		**Us Research Program.** Melissa Haendel, Nandita Rahman, Richard Moffitt, Charisse Madlock-Brown, Emily Pfaff, Jim Phuong, Daniel Barth-Jones, Jasmin Phua, Chris Chute, David Galey, Brian Gugerty, Anjene Musick, Lew Berman, Andrea Ramirez **An update on ICES' Applied Health Research Question (AHRQ) program: Informing public health policy and practice using linked, population-based administrative health data in a collaborative model.** Diana An, Minnie Ho, J. Michael Paterson, Refik Saskin, Luke Mondor, Clare Atzema, Lesley Plumptre, Jeruby Retnakanthan, Dina Skvirsky, Charles Victor, Susan E. Bronskill	**Administrative Databases** Brendan Behan, Alana Sparks, Heena Cheema, Sibel Naska, Francis Jeanson, Shalane Basque, Charlotte Ma, Jason Chai-Onn, Mojib Javadi, Minnie Ho, Tom Mikkelsen	**Birth Defects Registry** Jeremy Schraw, Kara Rudolph, Charles Shumate, Matthew Gribble **Inequalities in Ambulatory Care Sensitive Conditions: An International Comparison of High-Income Countries** Grace Spiro, Yu Qing Bai, ICCONIC Research Collaborative, Walter Wodchis				

	Sheikh, Rhiannon K Owen **Investigating associations between the natural environment and COVID-19** Oliver Thwaites, Amy Mizen, Ronan Lyons, Rhiannon Owen, Benedict Wheeler, Richard Fry **All-cause and cause-specific mortality amongst individuals with substance misuse: A population-based linked data study in Wales** Grace Bailey, Ian Farr, Hywel Evans, Saira Ahmed, Columbus Ohaeri, Lauren O'Gorman, Ryan Phillips, Olabambo Oluwasuji, Josh Dixon, Joanne Maimaris, Josie Smith **COVID-19 Policy Decisions in Manitoba and**											

	the Experiences of the Red River Métis: A partnership-based, whole-population linked administrative data study Danielle Saj, Olena Kloss, Francis Chartrand, Oke Ekuma, Carole Taylor, Julianne Sanguins, Alan Katz, Alyson Mahar, Michelle Driedger, Nathan Nickel **Methodological Challenges when Using Routinely Collected Health Data for Research: A scoping review.** Lili Wei, Ellen Kuenzig, James Im, Yan Zheng, Taylor McLinden, Scott Emerson, Azza Eissa, Henry Halder, Richard Shaw, An-Wen Chan, William Dixon, Vera Ehrenstein, Astrid Guttmann, Katie Harron, Lars G. Hemkens, Asbjørn Hróbjartsson, Ronan Lyons, Shannon E.											

	MacDonald, Jerry Maniate, David Moher, Irene Petersen, Hude Quan, Sigrún Schmidt, Henrik Sørensen, Shirley Wang, David A. McAllister, Sinéad M. Langan, Eric I. Benchimol											
17:30 - 18:30	**Poster Session I** **Development of a framework to facilitate a data assembly plan for multi-regional research** Ali Anis, Carrie-Anne Whyte, Carmen La, Jean-François Ethier, Mark McGilchrist **Development of a dictionary of information items inspired by common data models to support health research data access requests** Carrie-Anne Whyte, Carmen La, Ali Anis, David Yang, Jean-François Ethier, Mark McGilchrist **How DASH enables external data linkage to support multi-regional research** Ali Anis, Carrie-Anne Whyte, Carmen La, Jean-François Ethier, Mark McGilchrist **Data linkage of routinely collected qualitative health data: Using qualitative Patient Reported Experience Measures to understand the impact of digital hospitals on patients** Teyl Engstrom, Clair Sullivan, Shirley Thompson, Jacqueline Daly, Jason D. Pole **Leveraging Machine Learning to Combat Missingness and Error in Data** Beverley Phillips, Philip Witowski, Windra Sulaiman, Adam Ismail, Mark Sipthorp, Sharon Williams **Efficiency and Privacy in Record Linkage: Evaluating a Novel Blocking Technique Implemented on Cryptographic Longterm Keys** Dean Resnick, Núria Adell Raventós **Multiple imputation Procedure for Record Linkage and Causal Inference to Estimate the Effects of home-delivered meals** Roee Gutman, Kali Thomas, Mingyang Shan **A Bayesian Record Linkage Approach that Adjusts for Variables in One File** Gauri Kamat, Mingyang Shan, Roee Gutman **Towards Streamlined Transparent Data Linkage** Michael Edwards, Alexandra Lee, Simon Thompson **Improving and re-developing the Clerical Resolution Online Widget (CROW): open-source software for clerical review**											

Hannah O'Dair, Sarah Cummins, Ira Ashia, Rachel Huck

Investigating the quality of NHS number linkage of COVID 19 vaccines data to Census 2021.
Hannah O'Dair, Sarah Cummins, Rachel Huck

Lived Experience Co-Production Within the Alleviate Pain Data Hub
Gordon Milligan, Christian Cole, Judith Fisher, Antony Chuter, Jillian Beggs, Blair Smith, Lesley Colvin, Susan Long

Wastewater-Based Surveillance of Substances of Potential Abuse
Danielle Southern, Monty Ghosh, Megan Harmon, Darina Kuzma, Aleshia Kormendi, Kayla Moffett, Paul Westlund, Casey Hubert, Michael Parkins, Tyler Williamson

OmniMatch: A Large Language Model-Based Data Linkage Tool
Xiaowei Xu, Xingqiao Wang, Vivek Gunasekaran, Jonathan White, Anup Mathur

Self-reported Ethnicity Changes over Time: A Population Level Study using Public Voter Databases
Sumayya Ziyad, Joseph Lam, Peter Christen, Rainer Schnell, Charini Nanayakkara

Leveraging Fuzzy Match: Building an Automated Record Linkage Template in SAS Dataflux
Charlotte Ma, Gangamma Kalappa, Nan Wang, Mahmoud Azimaee, Winnie Shen

Understanding health data social licence: An international comparison of community attitudes towards health data use across Canada and Australia
Julia Burt, Kate Miller, Felicity Flack

Improving surveillance of emergency department activity through natural language processing
Huw Strafford, Beata Fonferko-Shadrach, W. Owen Pickrell, Jane Lyons, Arron Lacey, Jordan Evans, Gareth John, Jennifer Selby, Ronan Lyons

Practical approaches for engaging the public in a population-level data analysis project.
Sabella Yussuf-Homenauth, Laura Ferreira-Legere, Elise Leong-Sit, Astrid Guttmann, Michael J. Schull, Michael Campitelli, J Michael Paterson, The ICES Public Advisory Council

An innovative approach to developing practice informed evidence in the absence of RCTs for a Family-led peer to peer support program
Alicia Montgomerie, Vita Maiorano, Danielle Abbott, John Lynch, Rhiannon Pilkington2

Data linkage in public health research: a scoping review of ethical, legal and societal aspects surrounding administrative data
Félix Jesus Neves, Mauricio Lima Barreto, Valerie Wells, Martha Silveira, Bethânia Araújo Almeida

Public informed training: Developing a curriculum for trialists using health systems data
Fiona Lugg-Widger, Rob Trubey, Mike Robling, Marion Mafham, Matthew Sydes, Victoria Shepherd, Rebecca Cannings-John, Kerenza Hood, Nagheen Ahmed, Sadman Islam, Sarah Rawlinson

Data governance for ethical usage of linked routine health data in South Africa: balancing privacy and data sharing.
Themba Mutemaringa, Andrew Boulle, Nicki Tiffin

Evolving the HDRUK Phenotype Library: Phenotype Creation and Editing

Daniel S Thayer, Jack Scanlon, Muhammad A Elmessary, Artur Zinnorov, Ieuan Scanlon, Alex Coldea, Hannah Davies, Carla Oliveira, Spiros Denaxas, Emily Jefferson, Harry Hemingway

Sensitive Data Flagging within Data Quality reports: R and Regex Integration for Effective Text Flagging in Large Datasets
Alex-Ioan Coldea, Muhammad A Elmessary, Daniel S Thayer, Ieuan Scanlon, Hannah Davies

Novel applications of linked administrative data – adding longitudinal capability and additional variables to a nationally representative survey of an indigenous population.
Tori Diamond, Matt Edwards, Andrew Sporle

Exploring public views on the use of synthetic datasets for research - results from the DELIMIT study
Fiona Lugg-Widger, Claire Nollett, Lucy Brookes-Howell, Mike Robling, Rob Trubey

Centering The Voices of People Living with Multimorbity to Develop Visual Dashboards to Facilitate Structured Medication Reviews: The Role of Patient and Public Involvement and Engagement in the DynAIRx Study
Erin McCloskey

Development of International Classification of Diseases crosswalks using text analysis methods.
Joykrishna Sarkar, Lisa Lix

Assessing Hospital Data Quality: Application of a Data Quality Tool in 15 Countries
Namneet Sandhu, Sarah Whittle, Lucia Otero Varela, Cathy A Eastwood, Danielle A Southern, Hude Quan

The use of Supervised Learning to perform pairwise classification for Record Linkage over real world data
Ramon Pereira, Wagner Meira Junior, Augusto Afonso Guerra Junior

Prevalence of dementia among people experiencing homelessness in Ontario, Canada: a population-based comparative analysis
Richard Booth, Cheryl Forchuk, Monidipa Dasgupta, Salimah Shariff

Factors influencing young people's transitions from child to adult mental health services in Wales
Louisa Roberts, Sophie Wood, David Wilkins, Katherine Shelton

Healthcare contact days for people with stage IV non-small cell lung cancer (NSCLC) in Ontario: A population-based study
Paul Nguyen, Arjun Gupta, Christopher Booth, Timothy Hanna

Opioid-related overdose deaths among people experiencing homelessness, 2017 to 2021: A population-based analysis using coroner and health administrative data from Ontario, Canada
Richard Booth, Salimah Shariff, Brooke Carter, Stephen Hwang, Aaron Orkin, Cheryl Forchuk, Tara Gomes

Linking trial data to ICES: incorporating a prompt in a research ethics protocol submission platform in Southwestern Ontario
Theresa FitzGerald, Amit Garg, Erika Basile

Pragmatic Clinical Trials, Linkages and Agreements: Interjurisdictional Collaboration on Pragmatic Clinical Trials
Jeff Bakal, Erik Youngson, Scott Garrison

Spatial variation of healthcare resource use in Wales following the COVID-19 pandemic

Timothy Osborne, Rowena Bailey, Amy Mizen, Richard Fry

Family Matters: Enhancing Insight in Linked Administrative Data Through Familial Linkage
Beverley Phillips, Philip Witowski, Adam Ismail, Windra Sulaiman, Mark Sipthorp, Sharon Williams

Occupation exposure to coal dust and vulnerability to Influenza: Scottish miners and the 1918 Influenza Pandemic.
Chris DIBBEN, Lee Williamson, Alice Reid, Eilidh Garrett, Peter Christen, Charini Nanayakkara

Comparing health service use before and after transition to a supported housing model for clients who experience severe and persistent mental illness in southwestern Ontario, Canada
Richard G. Booth, Melody Lam, Cheryl Forchuk, Annie Yang, Salimah Z. Shariff

Maternal immigrant status and survival among children with congenital heart disease
Qun (Grace) Miao, Sandra Dunn, Shi-Wu Wen, Jane Lougheed, Rebecca Griffiths, Carolina Lavin Venegas, Maria Velez, Mark Walker

Local authority variation in special educational needs provision at the start of primary school: observational study of preterm children born in England, 2003-2013
Kate Lewis, Vincent Nguyen, Bianca De Stavola, Lorraine Dearden

The burden of acute eye conditions on different healthcare providers in Wales: a retrospective population-based study
Anna Rawlings, Angharad Hobby, Barbara Ryan, Rachel North, Andrew Carson-Stevens, Mat Smith, Nik Sheen, Jennifer Acton

Special educational needs provision in primary education and its impact on unauthorised absence in children born with Cleft Lip and Palate: a population level study using linked health and education data
Vincent Nguyen, Kate Lewis, Lorraine Dearden, Bianca De Stavola

The employment, retention and exit of public school teachers in New Brunswick, Canada: an analysis using linked administrative data
Ted McDonald, Pablo Miah

Linking for Impact: Enhancing Linked Data Infrastructure to Meet Clinical Trials Sector Needs
Kate Miller, Felicity Flack

A data landscape: picturing the residential and environmental features of the places where children and young people live in Wales, UK.
Rowena Bailey, Jo Davies, Rebecca Pedrick-Case, Amy Mizen, Rhodri Johnson, Richard Fry, Lucy Griffiths

17th Sep 2024

	International	Embassy	State	Chancellor	Crystal (T/W)	Regent (M/T/W)	Gold (M/T/W)	Ambassador (M/T/W)	Kellerman (Th)	Hale (Th)	Trienens (Th)	Gray (Th)
08:00 - 09:00	**Registration**											
09:00 - 09:45	**Keynote** **Data infrastructure to support population science: The New Zealand IDI by Leah Richmond-Rakerd, PhD** Dr. Richmond-Rakerd will speak on the conference theme of Data Infrastructure. She will feature the New Zealand Integrated Data Infrastructure (IDI), a collection of de-identified, individually-linked, whole-population administrative data sources. Dr. Richmond-Rakerd will describe the IDI's development and maintenance, procedures for data access, and											

	salient data characteristics. She will also highlight unique benefits of the IDI for population science, with examples from her team's own research.											
09:45 - 10:15	**Break**											
10:15 - 11:45	**Rapid Fire III** **Modelling the joint accuracy of two diagnostic tests using evidence synthesis methods incorporating linked electronic health records** Athena Sheppard, Terry Quinn, Sylwia Bujkiewicz, Rhiannon Owen **A governance framework for facilitating cross-agency data sharing** Katherine O'Sullivan, Joanne Lumsden, Caroline Anderson, Corri Black, William Ball, Katie Wilde	**Session R23** **Prevalence of Multimorbidity and Chronic Diseases in citizens of the Métis Nation of Ontario** Noel Tsui, Shelley Cripps, Abigail Simms, Gabriel Tjong, Haley Golding, Sarah Edwards **Estimating natural history of a treatment-eligible type 2 diabetes mellitus population in Scotland using linked primary and secondary care data: Scottish Diabetes Research Network -**	**Session R3** **Rates and causes of death after release from incarceration: an individual participant data meta-analysis from 1,471,526 people in eight high- and middle-income countries** Rohan Borschmann, Stuart Kinner, MARIC team **Linking data across multiple sectors to reduce health inequities among justice-involved young people in Australia** Lindsay Pearce, Lucas Calais-Ferreira, Rohan Borschmann, Matthew Legge, Susan Sawyer, Stuart Kinner	**Session D6** **Linking Community-based Substance Use Disorder Treatment to Health Administrative Data: understanding vulnerable populations.** Paul Kurdyak, Matthew Crocker, Anjie Huang, Natasha Saunders **Linking Education Data in Wales (UK) – Methodology and Lessons Learned** Lucy Robinson **From Probabilistic to Fuzzy Matching Record Linkage:**	**Session D3** **Using linkage to assess coverage of population estimates** Josie Plachta **Probabilistic Record Linkage for Families (PRLF): A Discussion of the Development and Validation of this Open-Source Linkage Tool** John Prindle, Himal Suthar, Emily Putnam-Hornstein, Regan Foust **Identifying a Birth Cohort of Twins from Linked Data – Challenges and Opportunities** Alexander Charles Campbell, Jesse T Young	**Session E3** **Bringing data to life: A model for involving lived experience in data-driven research** Sarah McKenna, Elizabeth Nelson, Aideen Maguire **Navigating Indigenous Data Sovereignty: A Decolonizing Approach to Understanding Opioid Use Amongst First Nations in Manitoba** Wanda Phillips-Beck, Leona Star, Sidney Leggett	**Session R21** **Leveraging Linked Ontario's Health-administrative Data to Evaluate Internet-delivered Cognitive Behavioural Therapy (iCBT) in routine care** Evgenia (Jenny) Gatov, David Wiljer, Gillian Strudwick, Onil Bhattacharyya, Paul Kurdyak **Associations between household overcrowding and adult mental illness in an ethnically diverse urban**	**Session I2** **What's in a name field?** Frances McCarty, Ben Rogers, Jessie Parker, Cordell Golden **Recommended Minimum Elements for Transparent Reporting of Multi-Jurisdiction Algorithm Feasibility Studies** Naomi Hamm, Sharon Bartholomew, Yinshan Zhao, Sandra Peterson, Saeed Al-Azazi, Kimberlyn McGrail, Lisa Lix **Transparent reporting on multi-site studies about algorithms for linked health data:**			

	Navigating the barriers to multi-regional research administrative data access: Forward thinking solutions Donna Curtis Maillet, Nicole Yada **The Data Linkage Hub: a Community of Practice** Esther Lewis, Racehl Huck, Sarah Cummins **Conceptualizing community data governance for race-related, population data: a scoping review and key informant interviews** Elise Leong-Sit, Laura Ferreira-Legere, Sabella Yussuf-Homenauth, Astrid Guttmann, Baiju R Shah, Michael J Schull, Sujitha Ratnasingham, J Michael Paterson **Designing a Data Dashboard for Health Departments and Overdose**	**National Diabetes Dataset** Lili Wei, Elaine Butterly, Peter Hanlon, Houra Haghpanahan, Robert Lindsay, Amanda I Adler, Luke A K Blackbourn, Sofia Dias, Katherine Hughes, Stuart McGurnaghan, John Petrie, Naveed Sattar, Laurie A Tomlinson, Nicky Welton, Sarah Wild, Jim Lewsey, David McAllister **A Cohort Tree-based Representation and a Multimorbidity Progression Across Pregnancies in Scotland** Luciana Pedro, Amaya Azcoaga-Lorenzo, Colin McCowan **Describing the kidney health of ARDAC study participants**	**Combining cohorts of prospectively collected and linked data to improve health after release from prison** Matthew Legge, Lindsay Pearce, Craig Cummings, Michael Curtis, Natalia Yee, Kimberlie Dean, David Preen, Mark Stoove, Stuart Kinner **Multiple risks for children of incarcerated mothers: A descriptive study** Megan Bell, Sharon Dawe, Leonie Segal, Matthew Spittal, Susan Dennison, Stuart Kinner, David Preen, Scott Sims	**A promising Transition** Mahmoud Azimaee, Gangamma Kalappa, Charlotte Ma, Nan Wang, Winnie Shen **Integrating multiple administrative databases to improve the validation and ascertainment of alcohol-related hepatitis** Meng Wang, Bing Li, Liam Swain, Abdel Aziz Shaheen **As our population changes, so must we: how race and ethnicity data merging has evolved over time in the Wisconsin Administrative Data Core** Krista Bryz-Gornia, Katie Thornton	**Comparing Methods for Missing Paternal Linkages in Administrative Data** Amani Hamad, Barret Monchka, Oleguer Plana-Ripoll, Olawale Ayilara, Lisa Lix **IPUMS Multigenerational Longitudinal Panel** Steven Ruggles, Jonas Helgertz, Catherine Fitch	**The ICES Indigenous Health Data Training Program: Building knowledge and strengthening capacity within Indigenous communities and organizations** Graham Mecredy, Jessica Jordao **Our Data, Our Truths, Our Voice: Reclaiming First Nations Data Sovereignty in Manitoba** stephanie sinclair, Jillian Waruk, Taylor Morrisieau, Carla Cochrane, Ashley Saulog **Co-Creating an Inclusion, Diversity, Equity, and Accessibility Strategy: Defining approach and outcomes in a health data research network**	**population: cross-sectional study using linked primary care and housing records.** Marta Wilk, Nicola Firman, Gill Harper, Rich Fry, Lucy Griffiths, Rohini Mathur, Carol Dezateux **Social deprivation in adolescence and the risk of depression in young adulthood: a longitudinal analysis of linked administrative data from Northern Ireland.** Stein Menting, Ronald McDowell, Enya Redican, Michael Rosato, Jamie Murphy, Gerard Leavey **Examining The Care Pathways Patients Experience When Accessing Outpatient**	**A systematic review of Health Data Research Network Canada's Algorithms Inventory** Lisa M Lix, Nasiba Ahmed, Daryl Fung, Saeed Al-Azazi, Naomi C Hamm **Content, controls, audience: contextualizing de-identification as a novel approach to enabling cross-sectoral data linkages** Rosario Cartagena, Michael Smith, Kathy Li, Ash-Lei Lewandoski **Establishment of an Australian National Master Linkage Key (NMLK) between AIHW Health Linkage spine (HLS) and Jurisdictional Master Linkage Keys (MLK) - NSW example** Elena Ougrinovski, Clinton Paine, Natalie Cooper, Pooja Nair, Michael Smith, Rama Devi Voruganti, Merran Smith, Felicity Flack				

	Fatality Review Teams Marie Pisani, Madeline Oguss, Claire Manneh, Anoop Mayampurath, Majid Afshar **Involving the public in transforming the data landscape in Scotland** Katie Oldfield, Harriet Baird **Integrating Precision Training for Building a Sustainable National Data Infrastructure in Wales: A Datacise Open Learning (DOL) Based Case Study** Ting Wang, Stephanie Lee, Daniel Thayer, Jack Palmer, Chris Roberts, Michael Bale, Sinead Brophy, Adam Chee, Jonathan Smart, David Ford **Data Integration to Support Child Care Business Sustainability:**	**using data linkage** Amandi Hiyare, Eleonora Dal Grande1, Jacqueline Stephens, Kylie-Ann Mallitt, Siah Kim, Armando Teixeria-Pinto, Victoria Sinka, Michelle Dickson, Allison Jaure, Jonathan Craig				Amy Freier, Morgan Stirling, Nathan Nickel	**Psychiatric Care in British Columbia** Husayn Jessa, David Rudoler, Ruth Lavergne, Sandra Peterson, Rita McCracken, Ridhwana Kaoser **Utilization of Outpatient Mental Health Services During and After The COVID-19 Pandemic** Michelle Hayek, Sulki Park, Mark Lawley, Michelle Bovin, Hye-Chung Kum				

	Iowa's Child Care Connect Heather Rouse, W. Todd Abraham **Providing data analytic services for national knowledge users in a federated system: learnings from two Canadian use cases** Raquel Duchen, Luke Mondor, Jodi Gatley, Refik Saskin, Jeff Bakal, Ted McDonald, John Knight, Nathan Nickel, Charles Burchill, Erik Youngson, Sandra Magalhaes, Andrew Goosen, Sonya Bowen, Lisa Flaten, Natalie Troke, Christine Warren, Zoe Hsu, Xueyi Chen, Lihui Liu, Yan Wang, Chandy Somayaji, Linyun Shen, Simon Youssef, Sarah Magee, Daniel Dutton, Anne Hayes											
11:45 - 13:00	**Lunch Break**											
13:00 - 14:30	**Rapid Fire IV**	**Session R15**	**Session R26**	**Session D7**	**Session D4**	**Session E5**	**Session R22**	**Session R4**				

	Cumulative incidence of chronic health conditions recorded in hospital admissions from birth to age 16 in England: a cohort study using linked hospital and education administrative data Matthew Jay, Lauren Herlitz, Jessica Deighton, Ruth Gilbert, Ruth Blackburn **Unravelling the Complexity of Homelessness: Investigating Reasons and Risk Factors for Chronic Homelessness** Eileen Mitchell, Siobhán Murphy, Dermot O'Reilly, Michael O'Donnelly **Are Métis mothers receiving adequate prenatal care in Ontario? A population-based study**	**Modelling The Effects of Multi-Indication Treatment for Multiple Long-Term Conditions Using Population-Scale Linked Electronic Health Records To Inform Healthcare Policy** Rhiannon Owen, James Rafferty, Jane Lyons, Ronan Lyons, Keith Abrams **Understanding Patterns of Care for Older Adults: Data to Action** Beliz Acan Osman, Fernando Maldonado, Suelen Goes, Nirmal Sidhu, Amanda Hutton **New Zealanders living with a family member who has a long-term health**	**Exploring vaccine hesitancy among citizens of the Métis Nation of Ontario: a population-based data linkage study** Sarah Edwards, Keith King, Shelley Cripss, Ashok Chaurasia, Eliane Kim, Hira Khan, Jeff Kwong, Jennifer Walker, Martin Cooke **Evaluating the effectiveness of the HPV vaccination programme in England, using regression discontinuity design** Isobel Ward, Charlotte Bermingham, Kate Soldan, Vahe Nafilyan **Impact of the Welsh Government Flying Start programme on children's BMI and immunisation uptake** Silvia Colonna, Kathryn Helliwell **Residential mobility and receipt of measles, mumps and rubella vaccination: analysis of linked primary care electronic health records in a**	**Identifying "problematic" clusters in record linkage using graph measures** Tony Stone **Addressing Linkage Errors in the New Zealand Integrated Data Infrastructure: Characterization, Mitigation, and Implications.** Eileen Li, Barry Milne **Linking community-acquired images to national data in the absence of interoperable systems and unique identifiers** Claire Tochel, Heather Anderson, Miguel Bernabeu, Baljean Dhillon, Malihe Javidi, Tom MacGillivray, Alice McTrusty, Jon Penny, Niall Strang, Andrew Tatham, Jordan Watson, Sam Watts	**Data as infrastructure: Systematic data curation addressing fundamental data content differences across the UK** Chris Orton, Lara Edwards, David Seymour, Monica Jones, Philip Quinlan, Simon Thompson, Carole Goble, Jennifer Quint, Aziz Sheikh **National Center for Health Statistics Data Linkage Program: Generating Synthetic Data to Support Tiered Access** Cordel Golden **The application of deterministic and probabilistic methods of data linkage methods to link population and health data in western Uganda** Magdaline Kusuna, Daniel Maina, Herbert Mulindwa, Asinja Kapuru, Caroline Karugu, Daniel	**AN APPLIED RESEARCH PARTNERSHIP TO IMPROVE THE CHILDREN'S BEHAVIORAL HEALTH SYSTEM OF CARE** Sharon Zanti **Coordinating a growing data enterprise: strategies for facilitating multiple research-practice relationships for the public good.** Carl Frederick **Development of a Enhanced System Review for Public Agency Multi-Sectoral Integrated Data Systems** Baron Rodriguez **Adapting to evidence users: accessibility and incentives** Michael Lenczner	**Understanding the developmental well-being of children from refugee backgrounds in British Columbia, Canada: A population-level mixed methods approach** Monique Gagné Petteni, Anne Gadermann, Martin Guhn, Brenda Poon, Magdalena Janus, Benjamin Edwards **Evaluation of the Adult Migrant English Program for the Australian Government Department of Home Affairs** Francis Mitrou, Ha Trong Nguyen **The European Union Settlement Scheme Data Linkage Project in**	**Is Medium-term Exposure to Ambient Air Pollution a Risk Factor for Parkinson's Disease?** Babak Jahanshahi, Duncan McVicar, Neil Rowland **A Population-Based Linked Cohort Study of Maternal Exposure to Bioclimatic Stress and Hypertensive Disorders of Pregnancy in Australia.** Amanuel Gebremedhin, Sylvester Nyadanu, Ivan Hanigan, Gavin Pereira **Exposure to PM2.5 air pollution and mortality in Northern Ireland** Neil Rowland, Duncan McVicar, Babak Jahanshahi, Corina Millller **Associations between long-term exposures to environmental factors and the development of amyotrophic lateral sclerosis: A**				

	Helana Boutros, Noel Tsui, Haley Golding, Abigail Simms, Sarah Edwards **10 year risk of death in adolescents with learning disability or autism in England: a national cohort study using linked health and education data from ECHILD** Ania Zylbersztejn, Isobel Ward, Katie Harron, Ruth Gilbert **Unlocking data to inform public health policy and practice: A pilot study on utilising police data for linked population data research** Amrita Bandyopadhyay, Sinead Brophy, Natasha Kennedy, Hope Jones, Julie Evans, Mark A Bellis, Benjamin Rowe, Irena Spasic, Cynthia L.	**condition: cross sectional analysis of integrated Census and administrative data** Lisa Underwood, Nick Bowden, Andrea Teng, Ofa Dewes, Lukas Marek, Barry Milne **Applying Trial Emulation Methods to Population-Scale Linked Electronic Health Records for Individuals with Multiple Long-Term Conditions Whilst Adjusting for Informative Observations** Keith Abrams, James Rafferty, Jane Lyons, Ronan Lyons, Rhiannon Owen **HHI: How housing intervention programmes are improving health outcomes for**	**disadvantaged London region** Nicola Firman, Laura North, Milena Marszalek, Marta Wilk, Ana Gutierrez, Rhodri Johnson, Lucy Griffiths, Rich Fry, Carol Dezateux **Linking CDC Multi-jurisdictional Vaccine Data Using Privacy Preserving Record Linkage (PPRL) Technology** Arunkumar Srinivasan, Ph.D., Janet L. Fath, Ph.D., Jennifer McGehee, MA MS, Agha Nabeel Khan, MD MPH MBA, Jason Meyer, David Kwasny, Jordan Stowe	**Data Quality Implications in Research when Transitioning to a New Electronic Medical Record** Zoe Hsu, Cassandra Chisholm, Conné Lategan, Eddy Lang, Xiaoming Wang, Erik Youngson **Improving Electronic Health Record (EHR) data linkages for identifying Aged Care Residents through publicly available data** Tanya Ravipati, Richard Beare, Velandai Srikanth, Alison Carver, Lei Huang, Rashwinder Dhillon, Nadine E Andrew	Mwanga, Gershim Asiki **Collaborating across government agencies to combine linkage processes and algorithms to create an Australian National Linkage Spine (NLS) to facilitate cross-jurisdictional linkage** Theresa Nunan, Elena Ougrinovski, Brett Frazer, Kelly Dahl, Bronwyn Wilson, Rian Jenkins, Clinton Paine **Enhancing integration of administrative databases in South Africa's HIV program: Validation of record linkage using non-representative gold standard** Evelyn Lauren, Dickman Gareta, Khumbo Shumba, Dorina Onoya, Jacob Bor	**Iowa's Integrated Data System for Decision-Making (I2D2): a collaborative approach for responsible and relevant use of population data** Heather Rouse, W. Todd Abraham	**Wales: Findings relating to mental health and education** Ffion Lloyd-Williams, Matthew Curds, Stephen Drinkwater **Health selection among outmigrants, return migrants and non-migrants in three subcohorts of international, interprovincial migrants and non-migrants in Manitoba, Canada** Marcelo Urquia, Gilles Detillieux, Shantanu Debbarman	**matched case-control study** Daniel Saucier, Mathieu Bélanger, Zikuan Liu, Eric Lavigne, Colleen O'Connell				

	Mcnerney, Simon Moore **Variation in 10 year birth trajectories of mothers involved in family court care proceedings and their peers in England.** Ruth Gilbert, Georgina Ireland, Matthew Jay, Linda Wijlaars **A novel linked dataset to improve understanding about the health of people in Northern Ireland's prisons** Janine Cooper, Dermot O'Reilly, Trish Kelly, Richard Kirk, Stephen McGarrigle, Ruth Gray, Michael Donnelly **Using linked administrative data to describe a cohort of young people who have a parent with a history of homelessness (Study 1)**	**children in New Zealand** Ellie Johnson, Nevil Pierse, Elinor Chisholm										

	Jino Distasio, Aynslie Hinds, Corinne Isaak, Jaime Cidro, Nathan Nickel, Sarah Zell, Jitender Sareen **Family-homelessness and child absence from school: How data linkage research has identified and quantified the association in Wales, UK** Ian Thomas **Improving reproducibility and validity in measures of chronic disease incidence using large-scale linked data in Australia.** Kylie-Ann Mallitt, Jacqueline Stephens, Eleonora Dal Grande, Amandi Hiyare, Michelle Dickson, Allison Jaure, Jonathan Craig											
14:30 - 15:00	**Break**											
15:00 - 16:30	**Rapid Fire V**	**Session D12**	**Session R20**	**Session R10**	**Session D5**	**Session E4**	**Session I3**	**Session R5**				

	Transitions Between Home and Unscheduled Care in the Last Year of Life Luciana Pedro, Richard Taylor, Sarah Bowers, Sarah Mills, Robin Alexander, Colin McCowan **Uncharted territory in linking population-based laboratory data for the epidemiology of celiac disease in Canada** James King, Tara Whitten, Bing Li, Erik Youngson, Jeffrey Bakal, Gilaad Kaplan, Tyler Williamson **The (dis)continuing of antithrombotic drugs and its implications for occurrence of adverse cardiovascular and bleeding events in cancer patients during end of life** Sarah J Aldridge, Ashley Akbari, Adrian Edwards,	**The CanPath-HDRN Canada Collaboration: Enabling Multi-jurisdictional Research in Canada** Jennifer Brooks, Anne Hayes, Riaz Alvi, Mahmoud Azimaee, Parveen Bhatti, Sheraz Cheema, Tim Choi, Nouar ElKhair, Megan Fleming, Noah Frank, Katelyn Frizzell, Jodi Gatley, Lindsey Gilbert, Simon Gravel, Shandra Harman, Jason Hicks, Vikki Ho, Jordan Hunt, Stefana Jovanovska, Victoria Kirsh, Robyn Kydd, Carmen La, Kendra Lester, Guillaume Lettre, Magda Nunes De Melo, Mary-Ann Standing, Lindsay Stewart, Donna Turner, Robin Urquhart, Jennifer Vena, Eric Youngson, Philip Awadalla	**A profile of the mental health needs of children in out-of-home care in Wales between 2019-2020** Aimee Cummings **Screening for psychological distress in childhood and mental health-related hospital attendance among young adults** Gergo Baranyi, Katie Harron, Nasir Rajah, Emla Fitzsimons **Long-term trends in co-occurring medical and psychiatric hospitalizations among children and adolescents in Ontario, Canada.** Natasha Saunders, Astrid Guttmann, Maria Chiu, Sima Gandhi, Simone Vigod, Paul Kurdyak, Kinwah Fung, Isobel Sharpe, Scott Emerson, Alene Toulany **Trends in incidence of self-harm, neurodevelopmental and mental health conditions among university students compared to the general population: a nationwide electronic data**	**Changing education landscapes and (in)equality in Wales: An exploration of barriers to tertiary education using linked UK Census and education data** Katy Huxley, Rhys Davies **Poverty and Intellectual Development in Childhood.** Leslie Roos, Gilles Detillieux **Educational Attainment Dynamics in Wales: Insights through Data Linkage and Geographically Weighted Regression** Alexandra Sandu, Jennifer Keating, Katy Huxley, Rob French, Anthony Whiffen **Using Administrative Data to Identify Factors Associated with Healthy Development After**	**Privacy Preserving Evaluation of Sensitive Population Record Linkage in the Absence of Ground Truth Data** Jie Song, Charini Nanayakkara, Peter Christen, Eilidh Garrett **Linking Data in a Shared Service Environment** Lisa Mirel, Cordell Goldent, Rob Zybrick, Rui Wang, Chrystine Tadler, Christine Cox **Automated Translation of Chronic Disease Diagnosis Codes using the ChatGPT Large Language Model** Barret Monchka, Hassan Maleki Golandouz, Lisa Lix, Amani Hamad **CURL Extensions – Weaving a Unique Property Reference Number into Address Histories in the Scottish Community Health Index** David Clark	**Training and capacity building: Developing a support framework for researchers using administrative data** Emily Oliver, Saba Mir, Emma Gordon **Up-skilling the next generation of researchers to analyse complex linked population-level datasets: ADR UK PhD studentships case study** Saba Mir, Emily Oliver, Emma Gordon **Co-creating a Data Asset Inventory for Equity-Oriented Research** Morgan Stirling, Amy Freier, Nathan Nickel **Linkage of Hospital and Community level records for Epidemiological**	**A discovery platform to improve visibility of linked data across Australia.** Kate Miller, Felicity Flack, Vicki Bennett, Merran Smith **Balancing constraints and requirements in an application process** Stela McLachlan, Katharine Evans, Rebecca Whitehorn, Emma Turner, Jacqueline Oakley, Andy Boyd, Robin Flaig **Evolution of ad hoc and routine data linkage in Australia** Erika Hagemann, Mikhalina Dombrovskaya, Felicity Flack	**Understanding the fatal burden of COVID-19 in residential aged care homes in Australia: Using linked data to generate evidence** Jennifer Welsh, Grace Joshy, Rachel Freeman-Robinson, Nicholas Biddle, Emily Banks, Clement Schlegel, Kayla Jordan, Phillip Gould, Paul Kelly, Rosemary Korda **A population-based repeated cross-sectional study using administrative health data to examine the impact of the COVID-19 pandemic on mental wellness in citizens of the Métis Nation of Ontario** Abigail Simms, Tera Beaulieu, Benny Michaud, Noel Tsui, Brandon Zagorski, Sarah Edwards, Maria Chiu **Characterizing school-linked and non-school linked SARS-CoV-2 cases**				

	Kate Lifford, Denise Abbel, Suzanne Cannegieter, Jamilla Goedegebuur, Eva Kempers, Anne Gulbech Ording, Marieke Kruip, Johanneke Portielje, Mette Søgaard, Chantal Visser, Simon Noble **Understanding medicine related adverse events in people with multiple long-term conditions and polypharmacy** James Rafferty, Jane Lyons, Ronan Lyons, Rhiannon Owen **Mental health of children with epilepsy compared to their peers: population-based cohort from linked primary and secondary healthcare record in England** Millie Wagstaff, Ania Zylbersztejn, Sophie Bennett	**IDI Search: a metadata search app for exploring New Zealand's administrative linked data** Tom Elliott, Barry Milne, Eileen Li, Andrew Sporle, Colin Simpson **Linkage and Demographic Indexing for Nursing Dynamics in the Integrated Data Service** Nathan O'Connor, Tolu Adedire, Dilly Stephenson, Leah Quinn **Establishing Australia's national linked COVID Register** Louise Gates, Claudia Slimings, Bronte O'Donnell, Anna Reynolds, Claire Sparke, Vivien Luong, Daniel Palamara, Renee Foo, Mariam Bakshi, Vanessa D'Souza	**linkage study in Wales.** Olivier Rouquette, Sze Chim Lee, Jo Smith, Marcos del Pozo Banos, Ann John **Linked administrative health data on prehospital olanzapine administration by paramedics in Winnipeg, Canada: Challenges and opportunities** Gilles Detillieux, Neil McDonald, Jennifer Enns, Chelsey McDougall, Nathan Nickel	**Experiencing Household Challenge Adversity in Early Childhood** Anita Durksen, Wanda Phillips-Beck, Jon McGavock, Tracie Afifi, Marni Brownell, Nathan Nickel **Exploring longitudinal patterns of absences, exclusions and attainment in secondary schools in Scotland** Morag Treanor, Patricio Troncoso, Lee Williamson, Cecilia Macintyre	**"Hiding in the Crowd": defining conceptual models for privacy-preserving linkage of place-based and personal data for public benefit research.** Andy Boyd, Chris Dibben, Rich Fry, Pia Hardelid, Cassie Smith, Edel McNamara, Bethan Davies, Daniela Fecht, Ruth Blackburn, Ruth Gilbert	**Research: Experiences from Kagando Health and Demographic Surveillance System in Western Uganda** Magdaline Kusuna, Herbert Mulindwa, Asinja Kapuru, Daniel Maina, Caroline Karugu, Gershim Asiki **Data Modernization Opportunity: Alignment between US Public Health Data Policies and Public Health Ethics** Regen Weber-Fares, Fallon Cochlin, Hye-Chung Kum, Cason Schmit		**in children and households: a retrospective cohort study using linked population-level administrative data from Manitoba, Canada** Jill Hnatiuk, Monica Sirski, Sharmistha Mishra, Stefan Baral, Diane Gordon-Pappas, Alan Katz **Neighborhood-level sociodemographics and kindergarten children's developmental vulnerability, pre- and post-COVID-19 in Canada** Caroline Reid-Westoby, Ashley Gaskin, Amanda Offord, Eric Duku, Barry Forer, Marc Jambon, Magdalena Janus **Differences in prescribing and dispensing at end-of-life between people who died at home before and during the Covid-19 pandemic in Scotland.** Jan Savinc, Iain Atherton				

	Harnessing electronic health record data for improving delivery of acute renal replacement therapy in Alberta, Canada (Dialyzing Wisely) Kristin Robertson, Sheena Morton, Lindsay Dasilva, Tara Whitten, Melissa Gardiner, Sarah Seymour, Dawn Opgenorth, Oleksa Rewa **Addressing data gaps on long-term care in Canada through data linkage** Kristyn Frank **Differences in health visiting contacts for children of mothers with and without a history of adversity-related hospital admissions in England (2018/19 to 2019/20): an analysis of novel linked**	**Implementing Linkage Quality Assessments in Large-Scale Privacy Preserving Infrastructure: Did we kill them a second time and why are there zombies?** Kenneth Gersing, Jasmin Phua, Shaun Grannis, Sara Rogovin, Saad Ljazouli, Sam Michael, Chris Beesley									

	community health and hospital data. Louise Mc Grath-Lone, Jenny Woodman, Amanda Clery, Mengyun Liu, Catherine Bunting, Katie Harron **Balancing Privacy and Precision: Evaluating Meta-Analysis for National Health Data Integration in Canada** Megan Harmon, Jason Black, Na Li, Tolulope Sajobi, Jessalyn Holodinsky, Tyler Williamson **Creating a Data Cleaning and Pre-Processing Module for Generalisable Data Linkage** Josie Plachta, Mary Cleaton, Leah Quinn, Alex Mackay, Zoe White											
16:30 - 16:45	**Break**											
16:45 - 17:30	**Keynote**											

	Record Linkage in State Government to Enable Whole Person Health By Jessie Tenenbaum In this talk, Dr. Jessie Tenenbaum, former Chief Data Officer at NC DHHS, will describe record linkage across a health and human services agency to enable a comprehensive Whole Person Health view, facilitating real-time service connections and informed policy-making through aggregated data analysis. The speaker will address the significant technical and governance challenges involved, including the integration of disparate data systems and											

	coordination between multiple legal entities with differing applicable regulations. The speaker will conclude with examples of successful use cases including tracking COVID-19 vaccination rates among Medicaid beneficiaries and enhancing outreach for food assistance programs. These successes showcase the practical benefits of integrated data systems in improving health and human services outcomes.											
17:30 - 18:30	**Poster Session II** **Pushing health data access boundaries - adapting NHS governance for 3 challenges: clinical free-text, safe commercial access and AI development** Amy Tilbrook **Identifying homelessness using health administrative data in Ontario, Canada: how coding policies impact case validity** Lucie Richard, Brooke Carter, Rosane Nisenbaum, Michael Liu, Stephen Hwang **Are there systematic differences in Teacher Assessment and Test Scores by Exclusion Status?** Neil Rowland, Duncan McVicar, Babak Jahanshahi, Corina Miller **RELEASE: Preliminary results from a novel data-linkage study into mental health and substance use service utilisation by people released from Scottish prisons** Jan Savinc, Richard Kjellgren, Catriona Connell, Kate Hunt											

Outcomes of the Health Data Research Network (HDRN) Canada and Canadian Longitudinal Study on Aging (CLSA) Partnership
Anne Hayes, Sophie Hogeveen, Jodi Gatley, Andrew Costa, Lauren Griffith, Aaron Jones, Sarah Youssef, Parminder Raina, Andrea Gruneir, Carrie Anne Whyte, Carla Hovey, Marie-Chantal Ethier, Donna Curtis Maillet, Mahmoud Azimaee, Erik Youngson, Tim Choi, Lindsey Gilbert, Magda Nunes De Melo, Lindsay Stewart, Kendra Lester, Katelyn Frizzell, Robyn Kydd, Mary-Ann Standing, Charles Burchill, Dave Towns, Jean-Francois Cantin

Roadmap for Linking Registry Data with Health Services Data to Support Evidence-Informed Decision-Making.
Magda Nunes de Melo, Anne Hayes, Charles Victor, Laurie Lambert, Trish Caetano, Nicole Mittmann

Do children receiving care and support have higher rates of school exclusion than their peers?
Helen Hodges

Exploitation of Children in England and Wales: Barriers to understanding child-centred support service outcomes using two sources of administrative data
Katy Huxley, Anna Skeels

Linkage error and ethnicity information source affect estimates of ethnic disparities in non-communicable disease rates
Frederieke Petrović-van der Deen, Sheree Gibb, Melissa McLeod, Andrea Teng

Evaluating the potential for multi-generational longitudinal research using U.S. Census data from 1850-2020
Katie Genadek, Trent Alexander

Generation Scotland Teenage Recruitment – Creating, evaluating and evolving a study sign-up process in collaboration with study participants and young people
Robin Flaig, Sarah Robertson, Alex Wood, Liz Kirby, Rosie Tatham, Cathie Sudlow

Using Integrated Administrative Data for Promoting Access to Early Childhood Education Programs
Hannah Kim, Heather Rouse

Progress and developments towards making historic administrative data research ready
Lee Williamson, Chris Dibben

Evaluation of a Multi-Component Phenotype Algorithm for Systemic Lupus Erythematosus across the PCORnet, OMOP, and i2b2 Common Data Models
Steven Tran, Luke Rasmussen, Jennifer Pacheco, Philip Silberman, Martin Borsje, Prasanth Nannapaneni, Daniel Schneider, Yuan Luo, Abel Kho, Rosalind Ramsey-Goldman, Theresa Walunas

Inequalities in severe COVID-19 outcomes in Wales, UK
Lucy Robinson, Matthew Curds, Ashley Akbari, Hoda Abbasizanjani, Stuart Bedston

Maternal And preGnancy hEalth duriNg elevaTed heAt – MAGENTA: Novel data linkages and methods to understand the impacts of climate change on deprived communities in Wales and London.
Rich Fry, Rhiannon Owen, Samantha Turner, Amy Mizen, Lucy Griffiths, Pia Hardelid, Cathy Thornton

Improving Care Transitions in Alberta: Assessing the Effects of Introducing a Provincial Clinical Information System on Hospital-to-Home Transitions
Tanmay Patil, Robin Walker, Congshi Shi, Wanning Song, Judy Seidel, Scott Oddie

Socio-demographic variations in prostate cancer diagnosis recording: Primary care compared to the Cancer Registry in England

Gayasha Somathilake, Elizabeth Ford, Jo Armes, Sotiris Moschoyiannis, Sophie Otter, Agnieszka Lemanska

Transitions of care for people living with dementia – insights using linked data
Emma Gearon, Bronwyn Wyatt, Ingrid Evans, Megan Fraser, Ann-Kristin Raymer, Fleur de Crespigny, Melanie Dunford, Claire Sparke

A race against time – an evaluation of lifesaving treatment pathways for patients following cardiac arrest in a non-hospital setting.
Rowena Bailey, Laura Herbert, Richard Pugh, Ronan Lyons, Tamas Tszakmany

Identifying patterns of Long-COVID diagnosis pathways: a Latent Class Analysis of Welsh clinical data
Hoda Abbasizanjani, Stuart Bedston, Lucy Robinson, Matthew Curds, Ashley Akbari

Wastewater-based surveillance for SARS-CoV-2 in Alberta
Danielle Southern, Casey Hubert, Michael Parkins, Tyler Williamson

Healthcare costs at the end-of-life among immigrant and non-immigrant groups in Manitoba, Canada
Shantanu Debbarman, Julia Witt, Umut Oguzoglu, Marcelo L. Urquia

New and Pre-existing Eating Disorders Among Adolescents and Young Adults During the COVID-19 Pandemic: A Population-Based Cohort Study
Amreen Babujee, Hong Lu, Therese Stukel, Natasha Saunders, Astrid Guttmann, Paul Kurdyak, Simone Vigod, Longdi Fu, Alene Toulany

Enhancing population-level research among people who inject drugs: a validation and retrospective cohort study using health administrative data in Ontario, Canada
Zoë R Greenwald, Jordan J Feld, Dan Werb, Peter C Austin, Samantha Drover, Daniel Fridman, Ahmed Bayoumi, Tara Gomes, Claire E Kendall, Lauren Lapointe-Shaw, Ayden I Scheim, Sofia R Bartlett, Eric I Benchimol, Zachary Bouck, Christina Greenaway, Naveed Z Janjua, Pamela Leece, William WL Wong, Beate Sander, Jeffrey C Kwong

Improving Detection of Hospital Adverse Events Using Machine Learning on Real-World Narrative EMR Data
Cheligeer Cheligeer, Guosong Wu, Seungwon Lee, Jie Pan, Natalie Sapiro, Danielle A. Southern, Cathy A. Eastwood, Hude Quan, Yuan Xu

Exploring Disparities in Opioid Utilization: An Analysis Comparing Red River Métis to All Other Manitobans
Kyler Nault, Nathan Nickel, Colton Poitras, Frances Chartrand, Michelle Driedger, Alan Katz, Olena Kloss

Tailored Strategies for Mental Health Support: Distinctions-Based Approaches for the Red River Métis Community
Kyler Nault, Megan Deptuch, Colton Poitras, Lisa Rodway, Frances Chartrand, Olena Kloss

Cardiovascular disease surveillance using electronic medical records: a scoping study
Kiarash Riazi, Adam Virani, Eshnaa Aujla, Jie Pan, Seungwon Lee, Elliot A. Martin, Hude Quan, Na Li

Does change in area-level deprivation, change health outcomes? A latent class growth analysis of population data.
Finola Ferry, Ron McDowell, Michael Rosato, Jamie Murphy, Gerard Leavey

A Geospatial Study of Opioid Overdose Risk in Diverse Regions
Hashan Fernando, Adam Spannaus, Anuj Kapadia

Minor Ailments and Pharmacist Management in Ontario, Canada: Attachment and Primary Care
Lisa Dolovich, Paul Nguyen, Yasmin Abdul Aziz, Mina Tadrous, Ernie Avilla, Annalise Mathers, Eliot Frymire, Rick Glazier, Kamila Premji, Liisa Jaakkimainen, Tara Kiran, Lynn Roberts, Michael E Green

Improving risk models for patients having emergency bowel cancer surgery using linked electronic health records: a national cohort study
Helen A Blake, Linda D Sharples, Jemma M Boyle, Angela Kuryba, Suneetha R Moonesinghe, Dave Murray, James Hill, Nicola S Fearnhead, Jan H van der Meulen, Kate Walker

Incidence and prevalence of asthma, COPD, and ILD across England, Wales, and South-East Scotland – a harmonised approach to data analysis
Hywel Evans, Sean Scully, Sara Hatam, Sarah Cook, Hannah Whittaker, Costantinos Kallis, Ian Farr, Chris Orton, Aziz Sheikh, Jennifer Quint

Temporal Trends and Determinants of Antibiotic Prescribing in Primary Care: Insights from Northern Ireland
Magda Bucholc, Enya Redican, Stein GP Menting, Finola Ferry, Mark Shevlin, Jamie Murphy

The Kids' Environment and Health Cohort: a novel administrative data resource for research on the environmental determinants of child health in England
Selin Akaraci, Alison Macfarlane, Amal Rammah, Emily Courtin, Faith Miller, Jessica Mitchell, Joana Cruz, Matthew Lilliman, Niloofar Shoari, Samantha Hajna, Steven Cummins, Vahe Nafilyan, Pia Hardelid

The Challenges and Strategies for Cleaning the Routinely Collected Data for Total Knee Replacements (TKR) and Total Hip Replacements (THR) in the Kingdom of Fife
Luciana Pedro, Muhammad Akhtar, Arthur Winata, Colin McCowan

Investigating variation in reported location of death: A comparison of administrative data sources
James King, Aynharan Sinnarajah, Jeffrey Bakal

Advancements in Pan-Canadian Data Access and Analysis Facilitation: Insights from Collaborative Health Research supported in Alberta, British Columbia, and Ontario
Stefana Jovanovska, Joanna Ou, Erik Youngson, Tim Choi, Carmen La, Erind Dvorani, Refik Saskin, Michael Paterson, Victoria Kirsh, Philip Awadalla, Jennifer Brooks, Sheraz Cheema, Nouar Elkhair, Jennifer Vena, Shandra Harman, Kelly McDonald, Parveen Bhatti, Dina Skvirsky

A proof-of-concept minimum data set for older care home residents: what value does this add?
Freya Tracey, Elizabeth Crellin, Kaat De Corte, Therese Lloyd, Richard Brine

Evidence from an Applied Research Health Question (AHRQ): Physician-prescribed medications to children for oral health issues
Samantha Morais, Diana An, Anna Durbin, Khai-Nhu Zweig, Mina Tadrous, Lesley Plumptre

Concurrent Opioid and Psychotropic Drug Use During Pregnancy: Descriptive Study from Two Canadian Provinces
Lindsey Dahl, Deepa Singal, Marni Brownell, Colin Dormuth, Dan Chateau, Matthew Dahl, Jason Kim, Nathan Nickel

Representation in the UK MS Register: A Comparison of Nationwide Ethnicity and Register Data
Rod Middleton, Elaine Craig

Validated Administrative Data-Based ICD-10 Algorithms for Chronic Conditions
Angela Kuang, Claire Xu, Danielle Southern, Namneet Sandhu, Hude Quan

Association between neighbourhood poverty and type 2 diabetes risk. Does moving from a high to lower poverty neighbourhood reduce diabetes risk?
Sharmin Majumder, Gillian Booth, Rahim Moineddin, Andrew Pinto

	Evidence from an Applied Health Research Question: Health Equity Profiles of Community Health Centre (CHC) and non-CHC clients Lesley Plumptre, Eliane Kim, Angela Robertson, Jennifer Rayner, Shelly-Ann Hall, Cynthia Damba, Michael Paterson, Luke Mondor **Evaluating Health Canada's Proposed Front-of-Pack Labelling Policy: Burden of Healthcare Use Attributed to Health Canada's Proposed Front-of-Pack Labelling Policy** Alisha Buttar, Mahsa Jessri

18th Sep 2024

	International	Embassy	State	Chancellor	Crystal (T/W)	Regent (M/T/W)	Gold (M/T/W)	Ambassador (M/T/W)	Kellerman (Th)	Hale (Th)	Trienens (Th)	Gray (Th)
09:00 - 10:30	**Rapid Fire VI** **Patient Identity Management in The Global Health Context** Toan Ong, Mary Pittman, Paul Biondich, Burke Mamlin, Brett Onions, Martin Suleman, Jennifer Shivers **Building a Historic Population Platform** Charini Nanayakkara, Peter Christen, Chris Dibben, Lee Williamson, Eilidh Garrett **How ethnic name variations influence data linkage results: A population level study using public voter databases** Joseph Lam, Sumayya Ziyad, Peter Christen, Rainer Schnell **Daymet and DeGAUSS: Development of a Novel Method that Links High Spatial Resolution Gridded**	**Session R9** **Using administrative early-years education data to identify children at risk of persistent absenteeism** Megan Wood, Lydia Gunning, Mark Mon-Williams **Understanding educational attainment disparities in Northern Ireland: the impact of pupils' demographic characteristics and health status on post-primary outcomes.** Erin Early, Sarah Miller, Laura Dunne **Mortality in adolescents receiving special education and social care**	**Session R24** **Potentially burdensome care at the end-of-life for people who had a death from cancer: A retrospective population-level cohort study** Rebecca Mitchell, Geoffrey P Delaney, Gaston Arnolda, Winston Liauw, Jane Phillips, Reidar Lystad, Reema Harrison, Jeffrey Braithwaite **Mapping domains of early-life determinants of future multimorbidity across three UK longitudinal cohort studies.** Sebastian Stannard, Ann Berrington, Simon Fraser, Shantini	**Session I4** **Developing a generalisable stratification approach for clerical review of linked data** Maizey Leah, Josie Platcha, Tim Gammon, Matt Wray, Thompson Gavin, Laszlo Antal, Rosaland Archer **Navigating Data Acquisition and Data Quality Validation of Large Databases: Practical Lessons** Nedeene Hudema, Amanda Hutton, Nirmal Sidhu, Xinya Lu, Xue Feng **Creating a Cleaned Dataset for Ease of Use** Saira Ahmed, Daniel S Thayer, Muhammad A Elmessary, Ieuan	**Session D10** **A UK Specification for Trusted Research Environments** Hari Sood, Simon Li, Tim Machin, Katie Oldfield, Antony Chuter, Jillian Beggs, Sonya Coleman, Dermot Kerr, Ed Chalstrey, Matthew Craddock, Jim Madge, David Sarmiento-Perez, James Robinson, O'Donovan Cian, Martin O'Reilly, Christian Cole **Enabling Advanced Multi-Modal Neuroimaging Analysis within a Trusted Research Environment** Lewis Hotchkiss, Emma Squires, John Gallacher, Mark Newbury, Catrin Morris,	**Session I7** **Modernizing the U.S. Census Bureau's Demographic Programs** Victoria Velkoff **The Demographic Frame** Jennifer Ortman **National Experimental Wellbeing Statistics (NEWS)** Jonathan Rothbaum **Census Bureau Household Panel** Jason Fields **Measuring Vulnerability for Small Areas** Chase Sawyer	**Session E6** **Developing a Framework for Safe AI Model Development on Sensitive Healthcare Data** Lewis Hotchkiss, Emma Squires, Timothy Rittman, John Gallacher, Simon Thompson **Federating governance, access and infrastructure to support researcher use of synthetic data** Katherine O'Sullivan, Jackie Caldwell, Christian Cole, Kathy Harrison, Charlie Mayor, Antonietta Chaliou, Jaroslaw Dymiter, Stacey Dawson, Diane Brown, Katie Wilde	**Session R6** **Harnessing Machine Learning to Predict Methadone Overdose Risk: Insights from Illinois's SUDORS Data** Yingxuan Liu, Maryann Mason **Healthcare use among people using methamphetamine in Winnipeg, Canada** Jennifer Enns, Joykrishna Sarkar, Nathan Nickel, Amy Freier, Carolyn Shimmin, Ogai Sherzoi, Aaron Goss, Chelsey McDougall **Prenatal and early life maternal substance use prevalence among Australian children born 2007-2018: a data linkage study using health, death, and child protection data**				

	Meteorological Data with Geocoded Healthcare Encounters Benjamin Barrett, Peter Graffy, Daniel Horton, Abel Kho **Algorithmic Accountability for Record Linkage** Emily Wiegand, Aya Liu, Sabrina Sedovic **Exploring Locality Sensitive Hashing as a Blocking Method for Large-Scale Administrative Datasets** Josie Plachta, Rachel Shipsey, Leah Quinn **Exploring Text Classification Systems for Automatically Coding Historical Occupations and Causes of Death** Luiza Antonie, Peter Christen, Chris Dibben, Jeremy Foxcroft, Lee Williamson **Using machine learning to gain insights into chronic disease multimorbidity: trends and patterns in British Columbia, Canada**	**provision: A population-level cohort study in England** Isobel Ward, Matthew Jay, Joseph Ward, Ruth Gilbert, Ania Zylbersztejn **Does the timing of special needs identification have an impact on children's educational attainment, attendance, and exclusions?** Jennifer Keating, Alexandra Sandu, Katy Huxley, Rob French **Health and education needs of primary school children with Down Syndrome in England: What can we learn from linked administrative data?** Julia Shumway, Ruth Gilbert, Bianca De	Paranjothy, Rebecca Hoyle, Rhiannon Owen, Ashley Akbari, Mozhdeh Shiranirad, Roberta Chiovoloni, Nisreen Alwan **Adverse childhood experiences and multimorbidity of internalising and cardiometabolic conditions in an older-age population.** Lauren Benger, LINC Consortium, Peter Holmans, Michael Owen, Mark Mon-Williams, Ioanna Katzourou, Marianne van den Bree **Evidence from an Applied Health Research Question (AHRQ): Describing Bundled Care Use in Ontario among Individuals with**	Scanlon, Etienne Badoche **Implementation of a common data model in Health Data Research Network Canada: Lessons learned** Lisa Lix, Georgina Archbold, HDRN Canada CDM Working Group, Mahmoud Azimzee **Administrative health data validity: Changes over 19 years** Jie Pan, Seungwon Lee, Cheligeer Cheligeer, Natalie Sapiro, Bing Li, Guosong Wu, Catherine Eastwood, Hude Quan, Yuan Xu	Ronan Lyons, Simon Thompson **The Networked Data Lab: lessons from four years of analytical collaboration on common problems in health on social care** Hannah Knight, Caroline Fraser, Tom Prendergast, Chamut Kifetew **Integrating Precision Training for Building a Sustainable National Data Infrastructure in Wales: A Datacise Open Learning (DOL) Based Case Study** Ting Wang, Stephanie Lee, Daniel Thayer, Jack Palmer, Chris Roberts, Michael Bale, Sinead Brophy, Adam Chee, Jonathan Smart, David Ford **Implementing Data**		**Towards standardised cross-sectoral agreements for data depositing and data access in Trusted Research Environments: streamlined contracting to advance public benefit research.** Rachel Brophy, Cassie Smith, Andy Boyd, Pan UK Data Governance Steering Group **SynD: Australian synthetic health data community of practice** Ben Hachey, Jodie Austin, James Boyd, Teyl Engstrom, Amir Marashi, Clare Morgan, Reji Philip, Keren Pointon, Meagan Snewin, Clair Sullivan, Melanie Haines **Efficiency gains from the implementation of Research IDs for data**	Madeleine Powell, Rhiannon Pilkington, Tasnia Ahmed, Mark Hanly, BJ Newton, John Lynch, Timothy Dobbins, Jessica Stewart, Michelle Cretikos, Alys Havard, Falster Kathleen **Building Overdose Data Linkage Capacity in US Public Health Departments: Challenges and Opportunities** B. Casey Lyons, Andrea Stewart, Rochelle Obiekwe				

	Jennifer Ferris, Alexandra Choi, Brandon Wagar, Jonathan Simkin, Ryan Woods, Ognjenka Djurdjev, Hind Sbihi, Kari Harder, Kate Smolina	Stavola, Ania Zylbersztejn	**Total Joint Arthroplasty from fiscal year 2018-2021.** Haley Golding, Katie Churchill, Charissa Levy, Lesley Plumptre		**Governance with Multi-Modal Privacy-Preserving Record Linkages between Restricted and Public Open Enclaves** Kenneth Gersing, Sam Michael, Fred Prior, Joel Saltz, Richard Moffitt, Sara Rogovin, Jasmin Phua, Shaun Grannis, Ben Amor, Andrew Girvin, Ahmad Baghal		**linkage: A case study from Population Data BC and the Data Innovation Program in British Columbia, Canada** Mike Jarrett, Brent Hills, Maria Kim-Bautista, Megan Ahuja, Jim Mintha, Gitta Oldendorff, Brett Wilmer				
10:30 - 11:00	**Break**										
11:00 - 11:45	**Keynote** **Why a One Health approach is vital for health prevention surveillance and public health response for both communicable and non-communicable diseases. by Dr. Lisa N. Sharwood** To improve preparedness for and										

	response to public health emergencies for both communicable and non-communicable diseases, it is vital to be able to rely on integrated surveillance and monitoring systems which use a One Health approach and are designed for scalability and enable interoperability. One Health is a collaborative, trans-sectoral, and multi-disciplinary approach integrating human, animal and environmental data and insights to facilitate the prediction and control of disease at this interface. Additionally, the fields of chronic disease, mental health, injury, occupational health (and other noncommunicable diseases) will benefit from a One Health approach involving collaboration across disciplines and sectors. The challenges associated with collecting, collating, sharing, and integrating data from											

	different locations and from the human, animal and environmental sectors has meant that globally, an optimal One Health approach is yet to be achieved for both communicable and non-communicable diseases in an interoperable and timely manner to enable targeted, efficient public health prevention and response. This keynote presentation will discuss an overview (historical and developing aspects) of surveillance systems internationally, including One Health surveillance systems, including any using artificial intelligence. It will provide an overview of the key areas of focus within the complex environment that One Health surveillance must operate in if it is to be successfully deployed. These include the supportive funding, policy, and legislation (such as for data sharing), data sharing itself and related security,											

	data and systems integration, data maturity and public trust. The ideal One Health surveillance system should ensure the mature handling of data coverage, connectedness, analysis, and timely response. Lessons from mature and integrated One Health surveillance systems in other countries, such as Nordic countries, Canada, and the United Kingdom, can inform the development of equivalent systems where they do not yet exist either at all or in such maturity. Current surveillance system developments in Australia will be presented, including the recently awarded $2.98 to establish our first National Injury Surveillance System, as well as progress of the One Health focused Australian CDC.											
11:45 - 13:00	**Lunch Break**											
13:00 - 14:30	**Rapid Fire VII**	**Session R16**	**Session R7**	**Session R19**	**Session D11**	**Session E7**	**Session I6**	**Session R8**				

	Exploring care-experienced young people's perceptions of the use of administrative data in research Aimee Cummings **Race in Integrated Data Systems: Why, Wherefrom, and How** Stephen Steh, Francisca Richter, Robert Fischer, Meagan Ray-Novak, Michael Henderson **Enhancing the usability of health data for inequalities research: a UK quality improvement project and code list curation.** Tetyana Perchyk, Agnieszka Lemanska, Katriina L. Whitaker, Robert Kerrison **GDPR-anonymous population overlap estimation** Patrick Baier **Exploring UK-wide public perceptions of the 'public good' use of data for research and statistics** Shayda Kashef, Mary Cowan	**How is 'shortage' defined? Exploring Nursing Workforce Data across Canada 2015-2022: An Ecological Study** Megan Harmon, Riley Martens, Shabnam Vatanpour, Natalie Sapiro, Robin Walker, Tracie Risling, Cathy Eastwood **The occupational roles of nurses and midwives in the UK: an analysis of the Nursing and Midwifery Council-census England and Wales 2021 data linkage study** Michelle Jamieson, Jan Savinc, Iain Atherton **Wellbeing and retainment of healthcare workers in**	**Looking beyond the neonatal: what does administrative data tell us about the preschool health and developmental outcomes of children exposed to opioids in utero?** Louise Marryat, Senga Robertson, James P Boardman, Alison McFadden, Anne Whittaker **Assessing antidepressant exposure and response using UK electronic health record data** Matthew Iveson, Emily Ball, Arlene Casey, Matus Falis, Andrew McIntosh, Heather Whalley **Identifying substance misuse related foetal anomaly cases in**	**Cohort Builder: Simplifying Cohort Creation** Roshan Toby, Daniel Thayer, Ieuan Scanlon, Amy Stuart **Projecting patterns of health inequalities in England up to 2040 using linked health data** Ann Raymond, Toby Watt, Laurie Rachet-Jacquet, Hannah-Rose Douglas, Anna Head, Chris Kypridemos **Model-based algorithms to ascertain smoking in administrative health data: a registry-based validation study** Md Ashiqul Haque, Nathan C Nickel, Maxime Turgeon, Lisa M Lix **Identifying patterns of co-occurring chronic conditions**	**ODISSEI Secure Supercomputer - a breakthrough in complex data linkage and applications.** Kasia Karpinska **Implementation of the Frictionless data standard for linked data** Mike Jarrett **Designing a utility evaluation framework for synthetic health data** Amir Marashi, Sadiq Dohadwalla, Patrick Browne, Ben Hachey **Exploring Multimorbidity Through the Use of Deterministic and Probabilistic Record Linkage of Data in Five Health Facilities in Nairobi** Daniel Nderitu, Isaac Kisiangani, Nkosinathi Masilela	**General practitioners' perspectives on data linkage in Australian general practice** Heidi Green, Justin Beilby, Felicity Flack, Caroyln Adams, Belinda Fabrianesi, Lucy Carolan, Anthony Brown, Alberto Nettel Aguirre, Annette Braunack-Mayer **Challenges in Early Years data and their implications on programme evaluations** Silvia Colonna, Kathryn Helliwell **Citizen Panel: Novel method for Public Involvement in data access review of linked longitudinal data** Lidis Garbovan, Robin Flaig	**An innovative linked Electronic Health Record derived data ecosystem for understanding the complexities of health and ageing.** Nadine Andrew, Richard Beare, Alison Carver, Tanya Ravipati, Emily Parker, Taya Collyer, David Ung, Velandai Srikanth **Ethnoracial disparities in childhood growth trajectories in Brazil: a longitudinal nationwide study of four million children** Helena Benes Matos da Silva, Juliana Freitas de Mello e Silva, Rita de Cássia Ribeiro-Silva, Irina Chis Ster, Poliana Rebouças, Emanuelle Goes, Maria Yury Ichihara, Andrêa Ferreira,	**Supporting a Strong Start: Using Universal Vital Records to Understand the Service Needs of Newborns and their Families** Regan Foust, Emily Putnam-Hornstein, John Prindle **Creating an intergenerational cohort of mothers and their children using administrative data from health, education and social care in England (ECHILD)** Q Feng, Ruth Gilbert, Georgina Ireland, Katie Harron **Expanding a cohort of children who had a response to the Household Food Security Survey Module: A novel approach using linked ICES administrative data** Britney Le, Kristin Clemens, Salimah Shariff **Early life child protection contacts and**				

	Developing a High Velocity Dataset Quality Checking Pipeline Hannah Davies, Daniel S Thayer, Muhammad A Elmessary, Alex-Ioan Coldea, Carys Jones, Lorna Evans, Alexander Makovics, Owen Howell-Wright, Lee Hughes **Establishing a linked administrative data sampling frame to recruit families into a new UK-wide birth cohort study: findings from the Early Life Cohort Feasibility (ELC-FS) Study** Orla McBride, Lisa Calderwood, Karen Dennison, Erica Wong, Alyce Raybould, Richard Silverwood, Pia Hardelid, Lucy Griffiths, Pasco Fearon, Alissa Goodman **Collecting and incorporating feedback through user research to provide the right information on data linkage processes needed to conduct research.**	**Wales from 2020 to 2023** Stuart Bedston, Hoda Abbasizanjani, Lucy Robinson, Matthew Curds, Ashley Akbari **Investigating long-term health outcomes in high-level rugby union players using linked administrative data** Stephanie D'Souza, Barry J. Milne, Francesca Anns, Kenneth L. Quarrie **The hidden impact of alcohol on young victims: an analysis of police-related alcohol offences resulting in hospitalisation** Scott Sims	**routinely collected data** Ian Farr, Hywel Evans, Columbus Ohaeri, Ryan Phillips, Olabambo Oluwasuji, Josh Dixon, Grace Bailey, Josie Smith **Trends in Pregnancy-Associated Opioid Toxicity and Mortality** Andi Camden, Tara Gomes, Hilary Brown, Rose Schmidt, Aditi Patrikar, Hong Lu, Astrid Guttmann **Prevalence of a dual diagnosis of mental illness and substance use disorder in Ontario, Canada: a retrospective cohort study using linked administrative data** Jesse Young, Bryan Tanner, Matthew Crocker, Isobel Sharpe, Hong Lu, Paul Kurdyak	**preceding dementia: An unsupervised machine learning approach using health administrative data** Laura C. Maclagan, Daniel A. Harris, Xuesong Wang, Mohamed Abdalla, Tomi Odugbemi, Ruth Ann Marrie, Peter C. Austin, Richard H. Swartz, Sandra E. Black, Myuri Ruthirakuhan, Colleen J. Maxwell, Susan E. Bronskill **The art of research cohort construction using administrative datasets** Lee Williamson	**Platform enabling population-level imaging and data linkage in Scotland** James Sutherland, Thomas Nind, Ruairidh MacLeod, Andrew Brooks, Bianca Prodan, Susan Krueger, Emily Jefferson	**Involving patients and the public in research using linked confidential patient information without consent: a case study on the COloRECTal cancer data Repository (CORECT-R)** Aden Chun Hei Kwok, Amy Downing, Paul Affleck, Hannah Rossington, Matt Howard-Murray, Julliet Lwiindi, Chen-Chun Pai, Catriona Gilmour Hamilton, Eva JA Morris **Round 'Ere: Developing a novel method to engage community on the design of wellbeing data hubs** Emily Rempel, Gianfranco Polizzi	Julia M. Pescarini, Rosemeire Leovigildo Fiaccone, Enny S. Paixão, Maurício L. Barreto, Bethania de Araujo Almeida **Generation Victoria (GenV): Creating a large consented longitudinal infrastructure for discovery and intervention research** Melissa Wake, Sharon Goldfeld, Jatender Mohal, William Siero, Elizabeth Hughes, Susan Clifford, Simon Hall, Naomi Schwarz, Tony Frugier, Jing Wang, Suzanne Mavoa, Natasha Zaritski, Richard Saffery **Developing an integrated HIV clinical and population database in rural south Africa**	**developmental risk at age five: a whole-of-population cohort study of 479,413 children in two Australian states.** Kathleen Falster, Rhiannon Pilkington, Tasnia Ahmed, Alicia Montgomerie, Mark Hanly, BJ Newton, Marni Brownell, Ben Edwards, Raghu Lingam, Anthony Shakeshaft, Michelle Cretikos, Jessica Stewart, Katherine Hawkins, Kitty McLean, John Lynch **Utilization of Real-World Data in the Intervention to Reduce Early Peanut Allergy in Children (iREACH) Trial** Lucy Bilaver, Jialing Jiang, Ruchi Gupta				

	Rachel Huck **Comparing terminology mappings to ICD-10 coded data in Discharge Abstract Database (DAD) in Alberta, Canada** Namneet Sandhu, Bing Li, Danielle A Southern, Glenda Tower, Debbie Onos, Anita Lochhead, Sarah Whittle, Hude Quan **Mapping UK Pain Datasets to the OMOP Common Data Model: Lessons Learned** Gordon Milligan, Erum Masood, Phil Quinlan, Sam Cox, Tom Giles, Armando Mendez Villalon, Christian Cole						Dickman Gareta, Evelyn Lauren, Khumbo Shumba, Kobus Herbst, Dorina Onoya, Jacob Bor **Kids' Environment and Health Cohort** Tolu Adedire, Esther Lewis, Dilly Stephenson, Nathan O'Connor, Leah Quinn, Hannah Goode					
14:30 - 15:00	**Break**										
15:00 - 16:30	**Rapid Fire VIII** **Patterns of antidepressant use among older adults in Northern Ireland: An administrative data study.** Enya Redican, Ronald McDowell, Michael Rosato, Jamie Murphy, Gerard Leavey	**Session R18** **Using linked cohort data to help address residual confounding in analyses of population administrative data** Richard Silverwood,	**Session R27** **Mental Health Crisis and Policing Demand** Allison Kurpiel, Susan McVie **Surveillance of violence through health service**	**Session R11** **Using newly linked hospital and population data to identify opportunities to reduce harms from sedative-hypnotic prescribing at population scale**	**Session D8** **Generating synthetic identifiers to support development and evaluation of data linkage methods** Joseph Lam, Andy Boyd, Robin Linacre,	**Session E8** **Democratising data within a data-driven research centre: Examining the role of public engagement and involvement**	**Session R17** **A pathway to improved maternity research in Northern Ireland? Novel linkage of Northern Ireland Longitudinal Study and**	**Session I5** **Leveraging Administrative Records and Record Linkages to Enhance Health Data at the U.S. Census Bureau** Victoria Udalova **Designing a new National Linkage**				

	Psychotropic medication profiles and future treatment risk among Northern Irish adults: a Latent Transition Analysis Ron McDowell, Michael Rosato, Jamie Murphy, Gerry Leavey **Persisting social disadvantage and intercensal social mobility in Northern Ireland: an examination of morbidity and all-cause mortality using three waves of the Northern Ireland Longitudinal Study (NILS).** Rachel McCarter, Michael Rosato, Gerard Leavey **The benefits of active management of coronary heart disease (CHD) in Wales: how the use of routine collected administrative data can drive efficiency and encourage best practice in condition management.** Kendal Smith, Lloyd Evans, Gareth Davies, Ashley Akbari, Rowena Bailey, Richard	Gergo Baranyi, Lisa Calderwood, Bianca De Stavola, George Ploubidis, Katie Harron **Extracting Social Determinants of Health from Inpatient Electronic Medical Records** Elliot Martin, Adam D'Souza, Vineet Saini, Karen Tang, Hude Quan, Cathy Eastwood **Validation of the Passive Surveillance Stroke Severity score in three Canadian provinces** Alison L. Park, Sandra Peterson, Yinshan Zhao, Peter C. Austin, Jiming Fang, Michael D. Hill, Noreen Kamal, Thalia S. Field, Raed A. Joundi, Moira K. Kapral, Amy Y. X. Yu	**interactions in Wales: A longitudinal national data linkage study.** Jane Lyons, Harri Doel, Richard Fry, Rhodri Johnson, Arron Lacey, Huw Strafford, Samantha Turner, Ronan Lyons, Lucy Griffiths **Mapping the dynamics between violence and alcohol outlets in Scotland using data from ambulance services.** Susan McVie, Ana Morales-Gomez **Risk of death after type of intimate partner violence (IPV) involvement** Marcelo Urquia, Brandon Trask, Noah Scatliff, Wendy Au, Jill Hnatiuk **Family Courts in England & Wales: A population-**	Surain B Roberts, Mohammad A Imrit, Marwa F Ismail, Trong Shen, Christine Soong, Barbara Liu, Denise YF Mak, Vladyslav Kushnir, Laura C Rosella, Fahad Razak, Amol A Verma **Disability Benefit Reform and Benefit Outcomes: A Re-examination of the Introduction of the UK Personal Independence Payment Using Linked Population Data** Ana-Corina Miller, Duncan McVicar, Neil Rowland, Babak Jahanshahi **Policy-driven multidisciplinary primary care after stroke or Transient Ischaemic Attack (TIA) improves survival – an observational target trial evaluation**	Ruth Blackburn, Katie Harron **Improving transparency and quality assurance: Operationalising semi-automated data provenance tracking in a Trusted Research Environment** Katherine O'Sullivan, Milan Markovic, Jaroslaw Dymiter, Adrian Martin, Chinasa Odo, Helen Rowlands, Ana Ciocarlan, Katie Wilde, Arlene Casey **Pregnant People-Infant Linkage for Surveillance** Amro Hassan, Andrew Hamilton, Shelly Sital **Exploring methods for generating synthetic data in Scotland to improve access to public sector data for research**	Elizabeth Nelson **Equity in practice: Lessons from a cohort-based model for community voice and input in data linkage and use** Amy Hawn Nelson, Adelia Jenkins, Deja Kemp, Emily Berkowitz, TC Burnett, Jessie Rios Benitez, Sharon Zanti **Integrating Gender Identity and Sexual Orientation in Population-Based Administrative Data** Mikayla Hunter, Nathan Nickel, the SPECTRUM Partnership **Towards a "Biography" of Population Health Data about Substance Use Disorders: Qualitative Approaches to**	**Northern Ireland Maternity Services System** Estelle Lowry, Neil Rowland **Increased mortality among mothers involved in family court care proceedings compared with their peers in England** Georgina Ireland, Linda Wijlaars, Matthew Jay, Ruth Gilbert **Birthing Unit Closures: Impacts and Opportunities in Iowa** W. Todd Abraham, Heather Rouse, Cora Herbkersman, Gio Chighladze **Congenital Anomalies among Offspring of Women Living in Low Socioeconomic Status Neighborhoods or**	**Model to bring together data across Australian agencies and jurisdictions to deliver the National Disability Data Asset (NDDA) and establish infrastructure for the delivery of future linked assets** Theresa Nunan, Leigh Hastwell, Tammy-Lee Purssell, Bronwyn Mury **Expanding data resources beyond "health care": exploring options and implications** Kimberlyn McGrail, Ted McDonald, Nathan Nickel **Building access to linked data for program evaluation: lessons and opportunities from the evaluation of a pan-Canadian skills training initiative** Max Palamar, Sandra Nkusi **Creating an Integrated System of Data and Statistics on Household Income,**				

	Palmer, Jonathan Goodfellow, Michael Thomas, Kerryn Lutchman-Singh **Maternal characteristics and infant and child mortality: A cohort study in England linking Census and health data** Isobel Ward, Sarah Barrat, Charlotte Standeven, Cameron Razieh, Emry John, Daniel Ayoubkhani, Vahe Nafilyan **Outcomes in clinical subgroups of patients with alcohol-related hospitalizations: a population-based retrospective cohort study** Erik Friesen, Andrea Mataruga, Nathan Nickel, Paul Kurdyak, James Bolton **Save A Leg – Exploring Disparities in Community Characteristics Between Regions of High and Low Leg Amputation Rates** Chuanfen Ni, Kyle Holtzman, Laura Minardi **Prevalence and characteristics of**	**The SAIL MELD-B e-cohort (SMC) and SAIL MELD-B Young adult e-cohort (SMYC) – a reproducible methodological pipeline for dynamic cohort curation and research** Roberta Chiovoloni, Nisreen Alwan, Ann Berrington, Michael Boniface, Jakub Dylag, Nic Fair, Simon DS Fraser, Emilia Holland, Rhiannon K Owen, Sebastian Stannard, Zlatko Zlatev, Ashley Akbari **Using System Dynamics for Local Authority Public Health practice in England** Abraham George	**level evidence base about court users who experience domestic abuse** Ludivine Garside	**involving linked registry data** Nadine Andrew, David Ung, Monique Kilkenny, Muideen Olaiya, Lachlan Dalli, Leonid Churilov, Taya Collyer, David Snowdon, Joosup Kim, Velandai Srikanth, Dominique Cadilhac, Vijaya Sundararajan, Amanda Thrift, Mark Nelson, Natasha Lannin **A game of snakes and ladders: the world of complex health and social care data linkage** Kaat De Corte, Elizabeth Crellin, Freya Tracey, Sarah Hardy, Richard Brine, Therese Lloyd	Aileen Grieve, Nora Cooke O'Dowd **Automating production of de-identified linkable data** Madalina Iova, Rachel Huck	**Communicating Context** Jeffrey Morgan, Seonaid Nolan, Jeannie Shoveller, Kim McGrail **The Networked Data Lab: using linked data to understand intermediate care services in the United Kingdom** Caroline Fraser, Tom Prendergast, Chamut Kifetew, Zoe Ruziczka, Hannah Knight	**Hispanic/Latino Enclaves, Texas, 1999-2018** Jeremy Schraw, Elwin Jaime, Rutu Rathod, Charles Shumate, Amy Hughes, Sandi Pruitt, Gary Shaw, Philip Lupo **Target Trial Emulation: Impact of C-Section on Birth Outcomes for Spontaneous Preterm Breech Presentations** Robin Alexander, Holger Unger, Swetha Bhaskar, Ben Swallow, Stefan Unger, Amaya Azcoaga-Lorenzo, Adeniyi Fagbamigbe, Sarah Stock, Colin McCowan	**Consumption, and Wealth** David Johnson, Timothy Smeeding			

	people with a high body mass index across the kidney disease spectrum: a population-based cohort study Gurleen Sahi, Jennifer Reid, Michael Chiu, Louise Moist, Kyla Naylor, Saverio Stranges, Kamel Omer, Amanda Vinson, Janet Madill, Kristin K Clemens **Profiling births via Caesarean delivery in Northern Ireland (2011-2019) using the Robson classification: a population-based cohort study using administrative maternity system data.** Orla McBride, Enya Redican, Jamie Murphy **Risk factors and trajectories of self-harm, neurodevelopmental disorders, and mental health conditions in pupils Educated in Other Than At School (EOTAS) in Wales: a retrospective nationwide electronic cohort study**											

	Olivier Y. Rouquette, Marcos del Pozo Banos, Sze Chim Lee, Ann John											
16:30 - 17:30	**Closing Panel**											

19th Sep 2024

	International	Embassy	State	Chancellor	Crystal (T/W)	Regent (M/T/W)	Gold (M/T/W)	Ambassador (M/T/W)	Kellerman (Th)	Hale (Th)	Trienens (Th)	Gray (Th)
08:00 - 12:00									**Workshop** **REGISTRATION REQUIRED: An Introduction to Data Visualization: Communicating Data with Efficacy and Elegance** Adapting to a changing world requires effective communication to realise the full potential of data to create meaningful societal impacts. This workshop will introduce the principles of data visualisation and will focus on key aspects of the design process, drawing on expertise from a community of experts, and provide an overview of best practices and industry standards. Participants will	**Workshop** **REGISTRATION REQUIRED: The ARC Life Course Center International Data for Policy Workshop** This Workshop seeks to identify key factors that support development of socially acceptable next generation linked data ecosystems that deliver higher standards in research, evaluation, and policy. Distinguished international guests will give short presentations designed to promote audience discussion around strategically identified themes pertinent to linked life course data ecosystems around the world,	**Workshop** **REGISTRATION REQUIRED: Leveraging Full Count Census Data through Record Linkage** Academic researchers in the U.S. and Canada have partnered with genealogical organizations and statistical agencies to create massive new data collections from census enumerations. By linking individuals and families across censuses, analysts can create national longitudinal panels linking individuals over their lives and families over multiple generations. The workshop will introduce the IPUMS and The Canadian Peoples data collections, explain how to access them, discuss challenges and opportunities of census linkage, and provide opportunities to consult with data experts.	**Workshop** **REGISTRATION REQUIRED: Estimating Correlations and Causal Relationships with Linked Data Sources** This workshop consists of two key parts. The first delves into various record linkage algorithms, demonstrated through their implementation in statistical software. The second part focuses on addressing linkage errors in downstream analyses, covering methods, assumptions, and implementations. The downstream analyses would include exploratory analysis and estimation of causal and non-causal relationships. Adjustment methods will include statistical methods that are implemented during the linkage process (primary analysis) and those implemented when only the linked dataset is available (secondary analysis).
12:00 - 13:00												

13:00 - 17:00									gain knowledge to enable objective evaluations of data visualisation and have an opportunity to experience of typically unfamiliar artistic practises.	and how these systems can support health and social policy. Concepts will include social licence; cross-jurisdictional data harmonisation; infrastructure investment; civil society data; and resourcing for analysis.	**Workshop** **REGISTRATION REQUIRED: Developing Public Engagement Strategies for Administrative Data Research Studies** This workshop will introduce public engagement/involvement (PE/I) in the context of administrative data research studies. It is designed for researchers, project managers, and knowledge translation specialists. PE/I has become a valuable way to close the gap between the administrative data collected in health and social systems and the people whose lives and lived experiences are represented in the data. This workshop will help participants assess collaboration readiness, levels of engagement, and ways to tailor PE/I approaches to administrative data research.	