<table>
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<tr>
<th>Time</th>
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<th>Presenters</th>
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<tr>
<td>10:15AM to</td>
<td>CONCURRENT SESSION A</td>
<td>KINNEAR CENTRE 303</td>
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<tr>
<td>11:45AM</td>
<td>A1: ADVANCED ANALYTICS</td>
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<td>11:00AM</td>
<td>A1.1</td>
<td></td>
<td>Methodological issues for measuring pharmacotherapy treatment and its calibration with patient outcomes using real-world data</td>
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<td>Presented by: Guanmin Chen</td>
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<td>11:15AM</td>
<td>A1.2</td>
<td></td>
<td>Combining Artificial Neural Networks, Routine Health Records and Suicide Risk Estimation</td>
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<td>Presented by: Marcos del Pozo Banos</td>
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<td>11:30AM</td>
<td>A1.3</td>
<td></td>
<td>Longitudinal trajectories of asthma exacerbations from infancy to school age.</td>
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<td>Presented by: Matea Deliu</td>
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<td>11:45AM</td>
<td>A1.4</td>
<td></td>
<td>Incidence of First Abortions: Integration of Administrative and Survey Data within a Joint Cohort Life Table Model</td>
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<td>Presented by: Peter Dutey-Magni</td>
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<td>12:00PM</td>
<td>A1.5</td>
<td></td>
<td>Life expectancy and health-adjusted life expectancy are decreased in people living with inflammatory bowel disease: a population-based matched cohort study</td>
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<td>Presented by: Ellen Kuenzig</td>
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<td>10:15AM to</td>
<td>CONCURRENT SESSION A</td>
<td>KINNEAR CENTRE 305</td>
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<tr>
<td>11:45AM</td>
<td>A2: ANALYTICAL APPROACHES TO DISTRIBUTED DATA</td>
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<tr>
<td>11:15AM</td>
<td>A2.1</td>
<td></td>
<td>Harmonization of data from cohort studies – potential challenges and opportunities</td>
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<td>Presented by: Kamala Adhikari Dahal</td>
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<td>11:30AM</td>
<td>A2.2</td>
<td></td>
<td>Public Cloud: The Future of Record Linkage?</td>
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<td>Presented by: Adrian Brown</td>
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<td>11:45AM</td>
<td>A2.3</td>
<td></td>
<td>International meta-analysis of 684,660 men with vasectomies: a study utilising the International Population Data Linkage Network</td>
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<td>Presented by: James Boyd</td>
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<td>12:00PM</td>
<td>A2.4</td>
<td></td>
<td>If You Link It They Will Come, If They Like It They Will Stay: The Utah Population Database as a Model for Creating a Confidential Linked Population Health Research Registry</td>
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<td>Presented by: Ken Smith</td>
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<td>11:45AM</td>
<td>A2.5</td>
<td></td>
<td>Design and operation of a distributed health data network</td>
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<td>Presented by: Jeffrey Brown</td>
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<tr>
<td>11:15AM</td>
<td>A2.6</td>
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<td>Impact of clinical subtypes of preterm birth on child health and development</td>
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<td></td>
<td>Presented by: Amy Metcalfe</td>
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</table>
A3.1
Whose Benefit is it Anyway? Public Expectations of Public Benefits from Health Informatics Research
Presented by: Mhairi Aitken

A3.2
Public engagement with cohort participants in Scotland and India: How do participants want to shape mental health research?
Presented by: Dorota Chapko

A3.3
Empathic Cultural Mapping: Little data, big data, knowledge transfer and exchange
Presented by: Suzanne Goopy

A3.4
Exploring public attitudes towards data sharing and linkage in health and social care
Presented by: Mary Tully

A3.5
Policy advocacy to enable administrative data linking: building a civil society coalition
Presented by: Michael Lenczner

A3.6
Power of Linked Administrative Data
Presented by: Hesam Izakian

A4.1
Using Administrative Data to Evaluate the Effectiveness of Home Visiting Programs for Improving the Well-Being of First Nations Children and Parents
Presented by: Mariette Chartier

A4.2
Linking midwives and hospital morbidity data to investigate the effect of interpregnancy interval on gestational diabetes: a 35-year cohort study in Western Australia
Presented by: Amanuel Gebremedhin

A4.3
What happened to my patient after I dropped them off at the ED? Linking Welsh ambulance to secondary care and mortality data
Presented by: Gareth John

A4.4
Data linkage to build detailed return-to-work trajectories for work disability research
Presented by: Esther Maas

A4.5
Using linked data to evaluate enhanced primary care policies for chronic diseases using stroke as a case study
Presented by: Nadine Andrew
**WEDNESDAY, SEPTEMBER 12, 2018 (continued)**

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<tr>
<th>10:15AM to 11:45AM</th>
<th>CONCURRENT SESSION A</th>
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<tr>
<td>A5: CAPACITY BUILDING</td>
<td>KINNEAR CENTRE 210</td>
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</table>

**A5.1**  
Population Data Science: The science of data about people  
Presented by: Kim McGrail

**A5.2**  
Supporting Applied, Multidisciplinary Analytic Skills: An Innovative Training Platform for Researcher Capacity Building  
Presented by: Ann Greenwood

**A5.3**  
Creating a Community of Practice to Support Data Linkage Across Government Agencies  
Presented by: Amy Hawn Nelson

**A5.4**  
Lessons from the past: A window on the future  
Presented by: Alan Katz

**A5.5**  
Needs and priority areas for building capacity for working with linked data in the Australian pharmacoepidemiology workforce  
Presented by: Derrick Lopez

**A5.6**  
Development of a Concept Dictionary to Standardize Definitions and Classifications While Working With a Common Repository of Linked Administrative Data  
Presented by: Erin Macdonald

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<th>10:15AM to 11:45AM</th>
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<tr>
<td>A6: LINKING TO EMERGING DATA TYPES</td>
<td>KINNEAR CENTRE 301</td>
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**A6.1**  
When the Census Comes Marching In: Challenges and Successes in Linking Individual-Level Census Records to the Utah Population Database  
Presented by: Ken Smith

**A6.2**  
Linkage of whole genome sequencing with administrative health, and electronic medical record data for the study of autism spectrum disorder: Feasibility, Opportunities and Challenges  
Presented by: Jennifer Brooks

**A6.3**  
Lessons learned: Linking patient-reported outcomes data with administrative databases  
Presented by: Laura Davis

**A6.4**  
Training Coding Specialists for the Future: Methods and Materials for the Beta Version of ICD-11  
Presented by: Catherine Eastwood

**A6.5**  
A comparison of methodologies: sibling identification using a relational versus a graph-based approach  
Presented by: James Farrow

**A6.6**  
Designing and Implementing a Privacy Preserving Record Linkage Protocol  
Presented by: Tom Gee
### A7: PRIVACY, REGULATION AND GOVERNANCE

#### A7.1
**Privacy, Ethics and Information Sharing of New Zealand’s Integrated Data Infrastructure (IDI): A discussion of the issues, challenges and opportunities**
Presented by: June Atkinson

#### A7.2
**Enhancing Environmental data Resources in Cohort Studies: ALSPAC exemplar (ERICA)**
Presented by: Andy Boyd

#### A7.3
**Progress with Access to Cross-jurisdictional Linked Data in Australia**
Presented by: Felicity Flack

#### A7.4
**Towards an ethically-founded framework for the use of mobile phone CDRs in health research**
Presented by: Kerina Jones

#### A7.5
**An effective privacy enhanced interface to support record linkage decisions**
Presented by: Hye-Chung Kum

#### A7.6
**Governance Challenges to Promoting Data Readiness and Data Linkage for Not-for-Profit Organizational Service Data**
Presented by: Jason Lau

### A8: SOCIAL DETERMINANT OF HEALTH AND CROSS-SECTORAL DATA LINKAGE

#### A8.1
**Data linkage to national Australian health insurance data to investigate exposure to environmental hazards: the example of residential asbestos**
Presented by: Phil Anderson

#### A8.2
**Clinically driven analysis reveals gene-socioeconomic status interaction influencing periodontal disease in the electronic health record-linked Generation Scotland: Scottish Family Health Study (GS: SFHS) cohort.**
Presented by: Mairead L. Bermingham

#### A8.3
**Self-harm following release from incarceration: Patterns and measurement issues**
Presented by: Rohan Borschmann

#### A8.4
**The Mortality After Release from Incarceration Consortium (MARIC) study: Strengths of international data linkage**
Presented by: Rohan Borschmann

#### A8.5
**No Strings Attached: The Impact of an Unconditional Prenatal Income Supplement on First Nations Birth and Early Childhood Outcomes**
Presented by: Marni Brownell

#### A8.6
**The Overlap Between the Child Welfare and Youth Justice Systems in Manitoba, Canada**
Presented by: Marni Brownell
A9.1
Analysis of factors associated with changing general practice in the first 14 years of life in Wales using linked cohort and primary care records: implications for using primary care databanks for life course research
Presented by: Ashley Akbari

A9.2
Developing a Primary Care EMR-based Frailty Definition using Machine Learning
Presented by: Sylvia Aponte-Hao

A9.3
The Mysterious Case of the Delayed Twin: using research data to resolve linkage questions.
Presented by: Daniel Avery

A9.4
To Err is Human, all hail your Robot Overseer: automated testing as part of a robust data delivery platform.
Presented by: Daniel Avery

A9.5
Linkage Quality Assessment for Anonymously linked Administrative Data.
Presented by: Hitesh Bhatt

A9.6
Linking Emergency Medical Services and Health System Data: Optimal Strategy and Bias Mitigation
Presented by: Ian Blanchard

10:15AM to 11:45AM
A10: DATA AND LINKAGE QUALITY (2) MAX BELL 253

A10.1
Evaluation of interventions to improve inpatient hospital documentation within electronic health records: A Systematic Review
Presented by: Natalie Wiebe

A10.2
Validating Self-reported Chronic Conditions in Alberta’s Tomorrow Project Cohort: Data Linkage to Administrative Healthcare Data
Presented by: Ming Ye

A10.3
Cross-validation of Drug Use Records in Two Pharmaceutical Databases: A Population-based Study of Alberta’s Tomorrow Project Cohort
Presented by: Ming Ye

A10.4
Contact with mental health services after medically verified self-harm: A prospective data linkage study
Presented by: Jesse Young

A10.5
SAGE: supporting secondary data analysis and expediting knowledge mobilization with linked administrative, service delivery, and research data
Presented by: Yunqi Zhang
A11
International Journal Population Data Science: development and future directions - with bubbly and bannock
Presented by: Kerina Jones

A12
Integrating Social Data at Statistics Canada: Data linkage services to support research
Presented by: Richard Trudeau, Shirley Bryan, Lisa Oliver and Claudia Sanmartin

B1.1
A machine-learning approach to identify cerebral palsy cases using primary care database
Presented by: Heng Fan

B1.2
Swiftlink: a distributed, parallelised and scriptable linkage engine architecture for the 21st century
Presented by: James Farrow

B1.3
A Data Science Approach to Predictive Analytic Research and Knowledge Translation
Presented by: Stacey Fisher

B1.4
Finding Maternal Siblings in Birth Registration Data to form a Pregnancy Spine – Data Linkage & Graph Based Methods for Unknown Cluster Sizes
Presented by: Rachel Shipsey

B1.5
Developing a new metric to capture continuity of primary care: The application of propensity score methods and threshold effects models using linked administrative data
Presented by: Ninh Thi Ha

B1.6
Ensemble-based Classification Models for Predicting Post-Operative Mortality Risk in Coronary Artery Disease
Presented by: Anita Brobbey
1:15PM TO 2:45PM  
CONCURRENT SESSION B

B2: ANALYTICAL APPROACHES TO DISTRIBUTED DATA  KINNEAR CENTRE 305

**B2.1**
Validation of Acute Kidney Injury e-alert system in Wales  
Presented by: Gareth Davies

**B2.2**
Further Development and Validation of the electronic Frailty Index using the Secure Anonymised Information Linkage Databank  
Presented by: Joe Hollinghurst

**B2.3**
Trajectory of service use among young Albertans with complex needs  
Presented by: Hesam Izakian

**B2.4**
Trends in systematic recording errors of blood pressure and association with outcomes in Canadian and UK primary care data: a retrospective observational study  
Presented by: Sumeet Kalia

**B2.5**
Identification of Frailty using EMR and Admin data: A complex issue  
Presented by: Alan Katz

**B2.6**
Medical Needs after Pediatric Traumatic Brain Injury: Probabilistic Linkage of State Claims Data with Trauma Center Data  
Presented by: Tellen Bennett

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1:15PM TO 2:45PM  
CONCURRENT SESSION B

B3: PUBLIC ENGAGEMENT  KINNEAR CENTRE 204

**B3.1**
International Consensus Statement on Public Involvement and Engagement with Data-Intensive Health Research  
Presented by: Mhairi Aitken

**B3.2**
Getting animated about routine data: co-producing a video and toolkit with young families  
Presented by: Fiona Lugg-Widger

**B3.3**
Commercial use of health data in the dock – results of a public “trial”  
Presented by: Mary Tully

**B3.4**
Priorities for future research: the community adding value to linked data research  
Presented by: Anne McKenzie

**B3.5**
Data Byte: An Insight on Fetal Alcohol Spectrum Disorder and Educational Achievement  
Presented by: Carley Piatt

**B3.6**
Public views and recommendations on the use of linked data for research: preliminary results from a public deliberation engagement  
Presented by: Jack Teng

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WEDNESDAY, SEPTEMBER 12, 2018 (continued)
B4.1 Can Linked Electronic Medical Record and Administrative Data Help Us Identify Those Living With Frailty?  
Presented by: Sabrina Wong

B4.2 Evaluating the impacts on health outcomes of Welsh Government funded schemes designed to improve the energy efficiency of the homes of low income households: A comparison of individual level and area based schemes.  
Presented by: Sian Morrison-Rees

B4.3 Optimizing Impact in Fighting the Global HIV Epidemic  
Presented by: Derek Ritz

B4.4 Using data to explore vulnerable women's utilization of maternity health care  
Presented by: Mahnoush Rostami

B4.5 The Economic Impacts of ICD-9 to ICD-10 Health Indicator Coding System Transition in the Calgary Region  
Presented by: Shahreen Khair

B5.1 Multi-province epidemiological research using administrative data in Canada: Challenges and opportunities  
Presented by: Amanda Butler

B5.2 Pan-Canadian Real-World Health Data Network: Building a National Data Platform  
Presented by: Kim McGrail

B5.3 Scalable Secure Privacy-Preserving Record Linkage (PPRL) Methods Using Cloud-based Infrastructure  
Presented by: Toan Ong

B5.4 Visualising linked data using GIS: Western Australian Child Development Atlas  
Presented by: Scott Sims

B5.5 Alberta's Data Mobilization Strategy: Leveraging Linked Data for Innovation  
Presented by: Larry Svenson

B5.6 The Ontario Data Safe Haven: Bringing High Performance Computing to Population-wide Data Assets  
Presented by: J. Charles Victor

WEDNESDAY, SEPTEMBER 12, 2018 (continued)
1:15PM TO 2:45PM

**B6: LINKING TO EMERGING DATA TYPES**

**B6.1**
Extending follow up of randomised clinical trials by linkage to routinely collected data – results of a scoping review of the published literature
Presented by: David Henry

**B6.2**
Using family physician Electronic Medical Record data to measure the pathways of cancer care
Presented by: Liisa Jaakkimainen

**B6.3**
Mortality attributable to poor dietary patterns in Canada: Evidence from the nationally-representative nutrition survey linked with health administrative data
Presented by: Mahsa Jessri

**B6.4**
Using natural language processing to extract structured epilepsy data from unstructured clinic letters
Presented by: Beata Fonferko-Shadrach

**B6.5**
A National Population-Based E-cohort of People with Psychosis (PsyCymru) Linkage of Phenotypical and Genetic Data to Routinely Collected Records
Presented by: Keith Lloyd

**B6.6**
Linking pharmacy dispensing data to other administrative health datasets to measure the compliance and effectiveness of RSV immunoprophylaxis
Presented by: Hannah Moore

1:15PM TO 2:45PM

**B7: PRIVACY, REGULATION AND GOVERNANCE**

**B7.1**
Through the legal maze: An Act Respecting Research
Presented by: Ted McDonald

**B7.2**
A Toolbox for Research — Population Data BC’s tools for overcoming challenges in the data access process
Presented by: Melissa Medearis

**B7.3**
NHS Scotland Public Benefit and Privacy Panel (PBPP) – Does a Proportionate Governance Review Work?
Presented by: Carole Morris

**B7.4**
NHS Scotland Public Benefit and Privacy Panel (PBPP) – Much Ado about Governance 3 years on
Presented by: Carole Morris

**B7.5**
US Data Access and the Commission for Evidence-based Policymaking
Presented by: Amy O’Hara

**B7.6**
Evaluating hardening techniques against cryptanalysis attacks on Bloom filter encodings for record linkage
Presented by: Rainer Schnell

WEDNESDAY, SEPTEMBER 12, 2018 (continued)
B8.1
Cross-sector service use among youth and young adults involved in the Alberta provincial justice system
Presented by: Xinjie Cui

B8.2
Repeat pregnancy during adolescence and educational level in Brazil.
Presented by: Kenneth Camargo

B8.3
Childhood Mental Disorders and Subsequent Adverse Outcomes in Early Adulthood: A Population-Based Longitudinal Study
Presented by: Mariette Chartier

B8.4
Is Participation in Out-of-School Programs Linked to Students’ Health, Educational and Social Outcomes?
Presented by: Jennifer Enns

B8.5
The Canadian Urban Environmental Health Research Consortium (CANUE): a national data linkage initiative
Presented by: Dany Doiron

B8.6
The effect of neighbourhood crime and deprivation on pregnancy outcomes. A quasi-experimental study using routine administrative records
Presented by: Chris Dibben

B9.1
Provincial Data-linkage to Address Complex Policy Challenges
Presented by: Jeremy Coad

B9.2
Spatial epidemiology of premature mortality in Ontario, Canada
Presented by: Emmalin Buajitti

B9.3
Improving the Measurement of Health System Performance across the Rural-Urban Continuum
Presented by: Laura Rosella

B9.4
Measuring the impact of transition on children aging out of child protective services
Presented by: Dan Chateau

B9.5
Measuring social determinants of health and their impact on service use and medical complexity
Presented by: Dan Chateau

B9.6
Intermediate-linkage steps used to obtain longitudinal data (containing health service use, morbidity and mortality) for a large cohort of patients who are homeless that visited and were discharged from hospital in England.
Presented by: Hannah Evans

WEDNESDAY, SEPTEMBER 12, 2018 (continued)
B10.1
Early Childhood Respiratory Morbidity and Health Services Utilization in Children Born Preterm or Small and Large Gestational Age
Presented by: Jesus Serrano-Lomelin

B10.2
Use of linked electronic health records to evaluate cardiovascular risk prediction models in Ontario, Canada
Presented by: Atul Sivaswamy

B10.3
Identifying and Prioritizing Low Value Care in British Columbia Using Three Administrative Health Data Assets
Presented by: Lesley Soril

B10.4
Evaluation of the Western Australian population based data linkage Intellectual Disability Exploring Answers (IDEA) surveillance system
Presented by: Natalie Strobel

B10.5
Linking Provincial and Prospective Cohort Study Data to Estimate the Incidence and Healthcare Burden of Viral Gastroenteritis
Presented by: Gillian AM Tarr

B10.6
Use of the CANHEART 'big data' registry to conduct a large randomized registry clinical trial to improve lipid management in Ontario, Canada
Presented by: Jacob Udell

B11
International Comparison of Approaches to Common Data Models for Comparative Effectiveness Research
Presented by: Adrian Levy
C1.1 Incidence, recurrence and predictors associated with recurrence of low birth weight in Northern Tanzania
Presented by: Michael Johnson Mahande

C1.2 Using Large Date to Present Uncertainty for Risk Prediction in the Era of Precision Medicine: The RESPECT Algorithm for Predicted Death at End-of-Life
Presented by: Sarah Spruin

C1.3 Learning Unsupervised Representations from Biomedical Text
Presented by: Christopher Meaney

C1.4 Using Biomedical Text as Data and Representation Learning for Identifying Patients with an Osteoarthritis Phenotype in the Electronic Medical Record
Presented by: Christopher Meaney

C1.5 Machine learning: how much does it improve the prediction of unplanned hospital admissions?
Presented by: Tyler Williamson

3:15PM TO 4:30PM CONCURRENT SESSION C
C2: ANALYTICAL APPROACHES TO DISTRIBUTED DATA MAX BELL 251

C2.1 Cognitive development Respiratory Tract Illness and Effects of eXposure (CORTEX) project: Combining high spatial resolution pollution measurements with individual level data, a methodological approach.
Presented by: Sarah Rodgers

C2.2 Enhancing description of hospital-conditions with ICD-11 cluster coding: Better codes for monitoring and prevention
Presented by: Danielle Southern

C2.3 Using Residential Anonymous Linking Fields to Identify Vulnerable Populations in Administrative Data
Presented by: Joe Hollinghurst

C2.4 Harmonising data from different sources to conduct research using linked survey and routine datasets
Presented by: Karen Tingay

C2.5 Distributed team health data science in risk of non-Vitamin K Oral Anticoagulant after Intracranial Haemorrhage
Presented by: Jiao Song

C2.6 Integrating population-wide laboratory testing data with physician audit-and-feedback reports to improve glycemic and cholesterol control among Ontarians with diabetes
Presented by: Michael Campitelli

WEDNESDAY, SEPTEMBER 12, 2018 (continued)

3:15PM TO 4:30PM CONCURRENT SESSION C
C3: PRIVACY, REGULATION AND GOVERNANCE KINNEAR CENTRE 308
C3.1
First Nations Data Governance, Privacy, and the Importance of the OCAP® principles
Presented by: Graham Mecredy

C3.2
Cultural and institutional barriers among data stewards regarding data access for research
Presented by: Jack Teng

C3.3
Linking medical licensing examination scores with longitudinal physician practice data using a privacy preserving protocol
Presented by: Niels Thakkar

C3.4
A framework to facilitate interprovincial sharing of secondary health data in Canada
Presented by: Robin Urquhart

C3.5
Unconsented linkage between dormant trials and administrative data: practical and regulatory implications
Presented by: Maximiliane Verfuerden

C3.6
Principles and operational model for governing Diabetes Action Canada's data repository for patient-oriented research
Presented by: Donald Willison

3:15PM TO 4:30PM
CONCURRENT SESSION C
C4: SOCIAL DETERMINANT OF HEALTH AND CROSS-SECTORAL DATA LINKAGE (1) KINNEAR CENTRE 305

C4.1
Developmental vulnerability at age five among children who enter and progress through the child protection system in New South Wales, Australia: a cross-sectoral data linkage study
Presented by: Kathleen Falster

C4.2
Use of cross-sectoral data linkage to predict high-rate offenders in Western Australia
Presented by: Anna Ferrante

C4.3
How do socio-demographic differences in administrative records affect the quality (accuracy) of data linkage?
Presented by: Anna Ferrante

C4.4
Gana Burrai: applying population data linkage to more accurately measure Aboriginal maternal and infant outcomes in the Goulburn Murray Region
Presented by: Jane Freemantle

C4.5
Social Class and Hospitalization in Canada
Presented by: Jenny Godley

C4.6
Housing and Health: Linking Population Health Survey Data to Housing Assistance Data
Presented by: Cordell Golden

WEDNESDAY, SEPTEMBER 12, 2018 (continued)
C5: SOCIAL DETERMINANT OF HEALTH AND CROSS-SECTORAL DATA LINKAGE (2)  
KINNEAR CENTRE 301

C5.1  
Measuring Trends in Health Inequalities across Urban Cities in Canada: A Focus on Health System Outcomes  
Presented by: Geoff Hynes

C5.2  
Trends in Socioeconomic Inequalities in Ischemic Heart Disease, 2000-2012  
Presented by: Brendan Smith

C5.3  
Public housing and healthcare use: Determining whether public housing functions as an intervention using linked population-based administrative data  
Presented by: Aynslie Hinds

C5.4  
Calgary Thrives: Data sharing and linkage in the not-for-profit sector.  
Presented by: Robert Jagodzinski

C5.5  
Education and social service use patterns of children and youth with neurodevelopmental disorders  
Presented by: Ruiting Jia

C5.6  
Environmental Risk Factors on Suicide of Children and Young People  
Presented by: Ann John

3:15PM TO 4:30PM  
CONCURRENT SESSION C  
MAX BELL 252

C6.1  
Coding Agreement on Identification of Main Resource Use Using ICD-10 and ICD-11  
Presented by: Chelsea Doktorchik

C6.2  
Strengths and Barriers to Coding Hospital Chart Information from Health Information Manager Perspectives: A Qualitative Study  
Presented by: Chelsea Doktorchik

C6.3  
Improving the Coding Completeness of Hypertension in Inpatient Administrative Health Data Using Machine Learning Methods  
Presented by: Adam D'Souza

C6.4  
How do we enhance linked administrative data based chronic disease surveillance in Canada? Results of an environmental scan.  
Presented by: Raquel Duchen

C6.5  
Experiences with Coding using ICD-11: “The Codes Paint a Clearer Picture”  
Presented by: Catherine Eastwood

C6.6  
Integrating Ontario Health and Social Services Data to for Research and Policy Development  
Presented by: Mandeep Flora

WEDNESDAY, SEPTEMBER 12, 2018 (continued)

3:15PM TO 4:30PM  
CONCURRENT SESSION C
Presented by: Andrew Fong

C7.2 Cecilia: an R package to automate data cleaning of administrative datasets
Presented by: Alexandre Franco Garcia

C7.3 Record Linking Techniques in the Utah Population Database to Improve Linking Rates of Hispanics
Presented by: Alison Fraser

C7.4 Challenges in linking administrative data for monitoring bloodstream infection in neonatal units in England and Wales
Presented by: Caroline Fraser

C7.5 Maternal mortality of women with opioid-use during pregnancy in England: investigating bias in a cohort of linked mother-baby hospital records
Presented by: Ruth Gilbert

C7.6 Validation & Vindication – Comparing Electronic Health Records with Hospital Notes
Presented by: Alex Hacker

3:15PM TO 4:30PM CONCURRENT SESSION C

C8.1 Using linked data and family studies to understand multigenerational causes of low birthweight among Australian Aboriginal infants
Presented by: Alison Gibberd

C8.2 Poor birth outcomes among Aboriginal Western Australians and smoking, alcohol and substance misuse, and assault
Presented by: Alison Gibberd

C8.3 Secondary care provision for children and young people with Cerebral palsy: A data-linkage study
Presented by: Bethan Carter

C8.4 Effectiveness of rotavirus vaccine against rotavirus-coded hospitalisations among Australian Aboriginal and non-Aboriginal children
Presented by: Parveen Fathima

C8.5 Linking lab, program, and administrative data to provide comprehensive colorectal cancer screening status of patients to primary care providers in Calgary, Alberta.
Presented by: Jessica Law

WEDNESDAY, SEPTEMBER 12, 2018 (continued)
C9.1
Patient-Physician Relational Continuity and Health System Utilization Among Albertans
Presented by: Tanmay Patil

C9.2
Predicting health care utilization using CIHI's Population Grouping Methodology
Presented by: Yvonne Rosehart

C9.3
Development of a frailty score based on hospital discharge data linked to cohort data
Presented by: Bernard Burnard

C9.4
Making the link: using long-term cancer survival measures linked with acute care data to plan health services.
Presented by: Cameron Wright

C9.5
Using Australia’s National Data Linkage Demonstration Project (NDLDP) to improve cardiac care: Towards a national, whole-of-population linked data resource for evidence-informed health policy
Presented by: Michael Falster

3:15PM TO 4:30PM
CONCURRENT SESSION C
KINNEAR CENTRE 206

C10.1
A large linked study to evaluate the future the burden of cancer in Australia attributable to current modifiable behaviours.
Presented by: Maarit Laaksonen

C10.2
Ontario’s stroke report cards: Cross-continuum data linkage allows evaluation of system of care
Presented by: Ruth Hall

C10.3
People with mild cognitive impairment are at increased risk of serious injury
Presented by: Lara Harvey

C10.4
BC Data ScoutTM: A New Tool To Investigate Datasets For Health Research
Presented by: Sarah Kesselring

C10.5
Linking air pollution and administrative health databases to examine health effects of wildfire smoke exposure in Calgary, Canada in 2015
Presented by: MD Mahsin

C10.6
Evaluating the impact of timing of initiation of community-based palliative care on use and cost of unplanned acute care services at the end of life: A study using linked hospital and community-based provider service data
Presented by: Rachael Moorin

WEDNESDAY, SEPTEMBER 12, 2018 (continued)
What makes great data documentation?
Presented by: Mark Smith

3:15PM TO 4:30PM
CONCURRENT SESSION C

C12: INTERNATIONAL COLLABORATIVE WORKSHOP (2)
KINNEAR CENTRE 210

C12
Secure data analysis environments: can we agree on criteria for “Appropriate secure access” to linked health data?
Presented by: Lousia R Jorm

THURSDAY, SEPTEMBER 13, 2018

9:45am to 11:15am
CONCURRENT SESSION D
D1: ADVANCED ANALYTICS
MAX BELL 251
D1.1
Analysing complex linked administrative data in health services research: Issues and solutions
Presented by: Rachael Moorin

D1.2
Privacy preserving record linkage meets record linkage using unencrypted data
Presented by: Hesam Izakian

D1.3
Inferring sensitivity and specificity of phenotyping algorithms using positive and negative predictive value in validation study in observational health data
Presented by: Mingkai Peng

D1.4
Using Linked Data and Advanced Analytics to Prioritize Health Concerns within Regions
Presented by: Guido Antonio Powell

D1.5
In-Utero SSRI and SNRI Exposure and the Risk of Long Term Adverse Mental and Educational Outcomes in Children: A Population-Based Retrospective Cohort Study Utilizing Linked Administrative Data
Presented by: Deepa Singal

9:45am to 11:15am
CONCURRENT SESSION D
KINNEAR CENTRE 30

D2.1
Distributed NLP Framework to create new federated data-sets
Presented by: Simon Thompson

D2.2
A big data analytics platform to support simulation modeling for osteoarthritis care pathways
Presented by: Shelly Vik

D2.3
Reducing bias in multivariate analyses due to the modifiable areal unit problem.
Presented by: David Whyatt

D2.4
Identifying Knowledge Gaps with Administrative Health Data: A Cohort Study of Traumatic and Non-Traumatic Spinal Cord Injury in Alberta
Presented by: Jack Man Shun Yeung

D2.5
International Comparison in Opiate Prescribing for New Users in Primary Care using Electronic Medical Record Data
Presented by: Robyn Tamblyn

THURSDAY, SEPTEMBER 13, 2018 (continued)
Establishment of a National Homelessness Prevention Programme dataset to enable an anonymised longitudinal dynamic cohort-based study
Presented by: Sarah Lowe

D3.2
Advancing cross-centre research networks: learning from experience, looking to the future
Presented by: Kerina Jones

D3.3
Deaths in young people after contact with the youth justice system: a retrospective data linkage study
Presented by: Stuart Kinner

D3.4
Combining cross-sectoral, prospective data linkage with other data sources to examine health outcomes for socially excluded populations: A case study from Australia
Presented by: Stuart Kinner

D3.5
Integrating Local Government, Non-Profit and Social Service Agency Data to Understand Systems and Outcomes in a Large, Southeasten U.S. City
Presented by: Justin Lane

D3.6
Morality among single fathers as compared with single mothers and partnered fathers: a cohort study
Presented by: Cindy Lau

9:45am to 11:15am  CONCURRENT SESSION D
D4: DATA AND LINKAGE QUALITY (1)  MAX BELL 252

D4.1
Better than blocking: building and using multiple variable pattern indexes (MVPI) to screen data sources for possible matches and reduce linkage search space
Presented by: Sigurd Hermansen

D4.2
Meeting the challenge of data linkage for special populations
Presented by: Brent Hills

D4.3
Real world performance of privacy preserving record linkage
Presented by: Katie Irvine

D4.4
High quality linked data for stroke obtained using non-government clinical registry and routinely collected hospital and death data
Presented by: Monique Kilkenny

D4.5
Study on construction of comprehensive community health databases through linkage between Community Health Survey data and other community contextual indicators in Korea
Presented by: Dong-Hyun Kim

D4.6
Establishing an International Data Linkage Repository Workgroup Toward a Benchmarking Repository
Presented by: Hye-Chung Kum

THURSDAY, SEPTEMBER 13, 2018 (continued)
Gaining knowledge of Ontario’s community mental health and addictions system: linking community-based health services data with administrative health data in Toronto, Ontario, Canada
Presented by: Paul Kurdyak

D5.2
A bayesian way to correct for measurement error in drug risk estimates from EHR data.
Presented by: Maxime Lavigne

D5.3
Ligo: An Open Source Application for the Management and Execution of Administrative Data Linkage
Presented by: Greg Lawrance

D5.4
Quality assessment of linked Canadian clinical administrative hospital and vital statistics death data
Presented by: Nancy Rodrigues

D5.5
Use of linked data to assess the impact of out-of-hospital deaths on 30-day mortality indicators
Presented by: Mingyang (Xiaoqiang) Li

D5.6
Validating health conditions in a clinical registry using administrative data algorithms
Presented by: Lisa Lix

9:45am to 11:15am
CONCURRENT SESSION D
D6: APPLIED PROJECTS (1) KINNEAR CENTRE 305

D6.1
Describing hospital utilisation and associated factors following stroke using linked clinical registry and hospital administrative data.
Presented by: Nadine Andrew

D6.2
Health Inequalities in British Nurses using Census derived databases linked to an adjusted UK Index of Multiple Deprivation
Presented by: Will Ball

D6.3
Linking surveillance and climate data to combat malaria
Presented by: Marcos Barreto

D6.4
In Sickness and In Health: Effects of Cardiovascular Health Shocks on Spouses’ Work and Earnings
Presented by: Randy Fransoo

D6.5
Establishing the Occupational Disease Surveillance System (ODSS) for Ontario: a linkage of administrative data
Presented by: Chloe Logar-Henderson

THURSDAY, SEPTEMBER 13, 2018 (continued)
Multimorbidity and access to social Care: exploiting emerging administrative data sources in Scotland.
Presented by: David Henderson

D7.2
Linking environment and health data to investigate the association between access to unhealthy food and child BMI
Presented by: Amy Mizen

D7.3
Is educational attainment associated with acute exposure to air pollution and pollen, and is it worse for pupils with asthma and seasonal allergic rhinitis?
Presented by: Amy Mizen

D7.4
Preterm birth, unplanned hospital contact and mortality in infants born to teenage mothers in five countries: a cross-country comparison using linked administrative data
Presented by: Katie Harron

D7.5
Exploring outcomes for children who have experienced out-of-home care in Western Australia.
Presented by: Fernando Lima

D7.6
Identifying vulnerable population groups: On-time infant vaccination coverage in Australia
Presented by: Hannah Moore

9:45am to 11:15am
CONCURRENT SESSION D
KINNEAR CENTRE 204

D8.1
Multi-morbidity using General Practice drug chapters and the relationship with secondary healthcare utilisation in Wales, UK
Presented by: Ronan Lyons

D8.2
Development and Characteristics of the Provincial Overdose Cohort in British Columbia, Canada
Presented by: Laura MacDougall

D8.3
Self-harm hospitalised morbidity and mortality risk in Australia using a matched population-based cohort
Presented by: Rebecca Mitchell

D8.4
Linking surveillance and administrative data to better understand dementia’s impact in Canada
Presented by: Tracy Johnson

D8.5
Quantifying inequalities in mortality in Australia: the value of linked Census-mortality data
Presented by: Rosemary Korda

THURSDAY, SEPTEMBER 13, 2018 (continued)
Using administrative health data to inform health service planning for specialist cancer care in Nova Scotia, Canada
Presented by: Robin Urquhart

D9.2
Development of an automated system for clinical study recruitment
Presented by: Erik Youngson

D9.3
Using routinely collected laboratory and health administrative data to assess influenza vaccine effectiveness: introducing the Flu and Other Respiratory Viruses Research (FOREVER) Cohort
Presented by: Hannah Chung

D9.4
Developing and implementing linked electronic medical record and administrative data in primary care practice for diabetes in Alberta
Presented by: Neil Drummond

D9.5
Patient Experiences with Cardiac Surgery in Alberta, Canada: Results from a Validated Survey
Presented by: Kyle Kemp

D9.6
Linking Antimicrobial Resistance Surveillance Data to Provincial Hospital Records: A Descriptive Study of Patient and Facility-level Characteristics
Presented by: Seungwon Lee

9:45am to 11:15am CONCURRENT SESSION D
D10: INTERNATIONAL COLLABORATIVE WORKSHOP (1) KINNEAR CENTRE 208

D10
Using Artificial Intelligence Technology for Social Determinants and Risk Factors Surveillance
Presented by: Vineet Saini

9:45am to 11:15am CONCURRENT SESSION D
D11: INTERNATIONAL COLLABORATIVE WORKSHOP (2) KINNEAR CENTRE 210

D11
Creating an IPDLN Maternal Child Health Interest Working Group
Presented by: Milton Kotelchuk

9:45am to 11:15am CONCURRENT SESSION D
D12: Developing a Publicly Acceptable Electronic Health Data Ecosystem – Panel KINNEAR CENTRE 308

D12
Developing a publicly acceptable electronic health data ecosystem to support clinical care, health system improvement and research: the role of government, the private sector and public sector
Presented by: Kim McGrail, Greg Horne, Rosario Cartagena, Pamela Snively, Larry Svenson and Deborah Prowse

THURSDAY, SEPTEMBER 13, 2018 (continued)
Effect of the Look-back period for the estimation of the incidence rates using administrative data  
Presented by: Mira Kim

E1.2
Stats NZ Integrated Data Population Explorer Prototype – using data visualisation to increase usability of large scale, complex and messy data  
Presented by: Aaron Lefebre

E1.3
Does the family physicians’ characteristics affect Cervical Cancer Screening rates?  
Presented by: Sayeeda Amber Sayed

E1.4
Estimating the effect of referral for nephrology care on the survival of adults with advanced chronic kidney disease in a real-world clinical setting  
Presented by: Ping Liu

E1.5
Linkage of Chronic Disease Data from Provincial Sources for Strategic Decision Support and Population Health Surveillance in British Columbia (BC)  
Presented by: Drona Rasali

12:45pm to 2:15pm  
CONCURRENT SESSION E

E2: SOCIAL DETERMINANTS OF HEALTH AND CROSS-SECTORAL DATA LINKAGE  
KINNEAR CENTRE 301

E2.1
Linking household level GIS-generated environmental exposure scores with individual level anonymised health data  
Presented by: Amy Mizen

E2.2
Using Planning Data to Monitor the Health of Communities - The Healthy Development: Monitoring and Mapping Project  
Presented by: Maria Mukhtar, David Guillette

E2.3
Education Outcomes Associated with Full Day Kindergarten Among First Nations Children: A retrospective administrative database cohort study  
Presented by: Nathan Nickel

E2.4
Is uptake of disability-related social security benefits modified by demographic, social and area-level factors?  
Presented by: Dermot O’Reilly

E2.5
Collaborative Public Health Surveillance Strategies to Address Local Health Needs  
Presented by: Norma Padron

E2.6
Advancing the measurement of health inequalities in Canada with linked health and social data  
Presented by: Geoff Hynes

THURSDAY, SEPTEMBER 13, 2018 (continued)

12:45pm to 2:15pm  
CONCURRENT SESSION E

E3: DATA AND LINKAGE QUALITY (1)  
MAX BELL 252

E3.1
Improving name comparison similarity scores to reduce number of records for clerical review
E3.2
Proof of Concept for a Privacy Preserving National Mortality Register
Presented by: Rainer Schnell

E3.3
Data Linkage and Data Quality Assessment for Congenital Anomalies
Presented by: Qun(Grace) Miao

E3.4
Quality of linked data: Linking the National Hospital Care Survey Data to the National Death Index
Presented by: Lisa Mirel

E3.5
ICD coding training worldwide
Presented by: Lucia Otero Varela

E3.6
Validating coding for a chronic condition (Cerebral Palsy) in routinely collected hospital admissions data
Presented by: Bethan Carter

12:45pm to 2:15pm
CONCURRENT SESSION E
E4: DATA AND LINKAGE QUALITY (2) MAX BELL 253

E4.1
Development and validation of data quality rules in administrative health data using association rule mining
Presented by: Mingkai Peng

E4.2
Concordance of EDI-based prevalence rates of health disorders with administrative data in two Canadian provinces
Presented by: Caroline Reid-Westoby

E4.3
Impact of linkage quality on inferences drawn from analyses using imperfectly matched data with high rates of linkage errors
Presented by: Christopher Rentsch

E4.4
Reconciling Parent-Child Relationships across US Administrative Datasets
Presented by: Amy O’Hara

E4.5
Automatic coding of nearly 2 million hospitalisation events to ICD-10 in the China Kadoorie Biobank
Presented by: Sam Sansome

E4.6
How good are electronic health records and death certificates for identifying Alzheimer’s disease and related dementia?
Presented by: Karen Schliep

THURSDAY, SEPTEMBER 13, 2018 (continued)
Duration of maternal mental health-related outcomes after an infant’s death: A retrospective matched-cohort study using linkable administrative data
Presented by: Elizabeth Wall-Wieler

E5.2
Maternal vulnerability and birth interval in England: a retrospective analysis of hospital episode statistics
Presented by: Linda Wijsaars

E5.3
A comparison of child mortality from potentially preventable causes in England and Sweden using birth cohorts from linked administrative datasets
Presented by: Ania Zylbersztejn

E5.4
Using administrative data to examine mental health service use among post-secondary students in Alberta, Canada
Presented by: Navjot Lamba

E5.5
Using administrative data to examine government service transitions of children, youth and young adults in Alberta, Canada
Presented by: Navjot Lamba

E5.6
Tranchant Harnessing the Power of Administrative Data to Create a Provincial-Level Child Health Profile and Birth Cohort in New Brunswick (NB) and Prince Edward Island (PEI)
Presented by: Carole Tranchant

12:45pm to 2:15pm
CONCURRENT SESSION E
E6: APPLIED PROJECTS (2)
KINNEAR CENTRE 204

E6.1
Varenicline is More Effective than Nicotine Replacement Therapy During Pregnancy: Findings from the Smoking MUMS (Maternal Use of Medications and Safety) Study
Presented by: Stephanie KY Choi

E6.2
Comparison of Health Behaviour Mortality Hazards in Canada and the United States
Presented by: Stacey Fisher

E6.3
Factors associated with the breast cancer diagnostic interval across five Canadian provinces: a CanIMPACT study
Presented by: Mary McBride

E6.4
Factors associated with screen-detected breast cancer across five Canadian provinces: a CanIMPACT study
Presented by: Mary McBride

E6.5
Prenatal exposure to the 2009 pandemic H1N1 influenza vaccine on health outcomes in children
Presented by: Jessy Donelle

E6.6
Neighbourhood built environments as correlates of hospital burden and premature mortality in Canada
Presented by: Sarah Mah

THURSDAY, SEPTEMBER 13, 2018 (continued)
Adherence to Follow-up Care Guidelines for Breast Cancer Survivors in four Canadian provinces: a CanIMPACT study
Presented by: Mary McBride

E7.2
Factors predicting out-of-school suspensions for young children
Presented by: Megan Bell

E7.3
Association between blue and green space availability with mental health and wellbeing
Presented by: Jiao Song

E7.4
In-Utero SSRI and SNRI Exposure and the Risk of Neurodevelopmental Disorders in Children: A Population-Based Retrospective Cohort Study Utilizing Linked Administrative Data
Presented by: Deepa Singal

E7.5
Extracting Family Connections from Administrative Data
Presented by: Stacy Ann Vasquez

12:45pm to 2:15pm
CONCURRENT SESSION E
E8: APPLIED PROJECTS (4)
KINNEAR CENTRE 305
E8.1
Population Analysis of the Settlement Movement in Western Canada
Presented by: Luiza Antonie

E8.2
Determining Potentially Avoidable Emergency Medical Services (EMS) Transports: A Population Level Study Using Linked Administrative Data in Alberta Health Services (AHS)
Presented by: Pin Cai

E8.3
Linking big data for cardiovascular health surveillance – opportunities and challenges using the CANHEART cohort
Presented by: Anna Chu

E8.4
Statistical Population Register: using administrative in the Canadian Census
Presented by: Sylvain Cloutier

E8.5
UK and Canadian Gulf War Veteran Mortality: Using A Fellow Military Cohort as a Comparison Population
Presented by: Elizabeth Rolland-Harris

THURSDAY, SEPTEMBER 13, 2018 (continued)

12:45pm to 2:15pm
CONCURRENT SESSION E
E9: APPLIED PROJECTS (5)
KINNEAR CENTRE 206
E9.1
Internal and External Data Linkage of Complex Relational Database: Results from CorHealth Ontario
E9.2
The Use of Long-Acting Injectable Antipsychotic Therapy for Schizophrenia
Presented by: Jason Jiang

E9.3
Access to palliative care in Canada
Presented by: Tracy Johnson

E9.4
Extracting primary care records for prostate cancer patients in the CHHiP multicentre randomised control trial: A healthcare data linkage study
Presented by: Agnieszka Lemanska

E9.5
Data Services for Cohort Studies: Increasing the impact of existing research studies and epidemiological readiness
Presented by: Laura North

12:45pm to 2:15pm
CONCURRENT SESSION E
E10: INTERNATIONAL COLLABORATIVE WORKSHOP (1)
KINNEAR CENTRE 208

E10
Using linked health data in international comparisons of infectious disease burden
Presented by: Rachel Reeves

12:45pm to 2:15pm
CONCURRENT SESSION E
E11: INTERNATIONAL COLLABORATIVE WORKSHOP (2)
KINNEAR CENTRE 210

E11
Canadian Approaches to Optimizing Quality of Administrative Data for Health System Use, Research, and Linkage
Presented by: Catherine Eastwood

12:45pm to 2:15pm
CONCURRENT SESSION E
E12: INTERNATIONAL COLLABORATIVE WORKSHOP (3)
KINNEAR CENTRE 308

E12
Linked data and inclusion health: Harmonised international data linkage to identify determinants of health inequalities
Presented by: Jesse Young

FRIDAY, SEPTEMBER 14, 2018

10:00AM TO 12:00PM
CONCURRENT SESSION F
F1: ADVANCED ANALYTICS
MAX BELL 251

F1.1
Interactive Data Visualization of Patient Experience and Inpatient Datasets using Tableau Desktop
Presented by: Kyle Kemp

F1.2
How integration of the federal Indian Register has enhanced First Nations-specific analysis of ICES data
Presented by: Sue Schultz

F1.3
Developing trauma mortality prediction models to measure injury severity
Presented by: Angharad Walters

F1.4
Identify Patients with Congestive Heart Failure through Analyzing Free-Text Clinical Notes
Presented by: Margot Yann

F1.5
Regular General Practitioner contact - analysis of methods for measurement using administrative data
Presented by: David Youens

F1.6
A Bayesian Network Model of the Relationships between Chronic Disease Indicators
Presented by: Mengru Yuan

10:00AM TO 12:00PM
CONCURRENT SESSION F
F2: SOCIAL DETERMINANTS OF HEALTH AND CROSS-SECTORAL DATA LINKAGE (1)
KINNEAR CENTRE 301

F2.1
School readiness of maltreated children: Timing, type, and chronicity of maltreatment
Presented by: Megan Bell

F2.2
Linking First Nations data to administrative health data within Manitoba
Presented by: Venkata Shravan Ramayanam

F2.3
Understanding the social determinants of opioid related hospitalizations
Presented by: Claudia Sanmartin

F2.4
Mortality of mothers with opioid-use during pregnancy: an international comparison using linked mother-baby records for England and Ontario
Presented by: Astrid Guttmann

F2.5
Canadian trends in the social determinants of health inequalities, a census-mortality linkage approach
Presented by: Claudia Sanmartin

F2.6
Creating the Framework for Cross-Sector Health Analysis for Local Communities
Presented by: Heather Richards

FRIDAY, SEPTEMBER 14, 2018 (continued)

10:00AM TO 12:00PM
CONCURRENT SESSION F
F3: SOCIAL DETERMINANTS OF HEALTH AND CROSS-SECTORAL DATA LINKAGE (2)
KINNEAR CENTRE 303

F3.1
Avoidable mortality among parents whose children were placed in care in Sweden: A retrospective matched cohort study
Presented by: Elizabeth Wall-Wieler

F3.2
The Cycle of Child Protection Services Involvement: A Cohort Study of Adolescent Mothers
Presented by: Elizabeth Wall-Wieler

F3.3
Changes in Development Among Kindergarten Children in Ontario 2012-2015: Linking Developmental, Sociodemographic, and Policy Implementation Data
Presented by: Simon Webb

F3.4
The Shape of the Socioeconomic Gradient: Testing to Functional Form of the Relationship between Socioeconomic Status and Early Child Development
Presented by: Simon Webb

F3.5
Maternal assault admissions are associated with increased risk of child protection involvement
Presented by: Carol Orr

F3.6
Linking Pan-Canadian Administrative and Clinical Registry Data to gain insights across the continuum of care
Presented by: Juliana Wu

10:00AM TO 12:00PM CONCURRENT SESSION F
F4. DATA AND LINKAGE QUALITY (1) MAX BELL 252
F4.1
Data Quality Automation: a Generic Approach for Large Linked Research Datasets
Presented by: Daniel Thayer

F4.2
Code List Library: A Solution to Improve Research Repeatability, Transparency, and Efficiency by Curating Lists of Clinical Codes
Presented by: Daniel Thayer

F4.3
What is an admission? A standardised approach to classifying inpatient episode data from multiple jurisdictions
Presented by: Daniel Thayer

F4.4
Challenges and Facilitating Factors in Accessing Administrative Data for Research: Insights from the Children's Health Profile and Trajectory Initiative in NB and PEI
Presented by: Sarah Sparks

FRIDAY, SEPTEMBER 14, 2018 (continued)

10:00AM TO 12:00PM CONCURRENT SESSION F
F5: DATA AND LINKAGE QUALITY (2) MAX BELL 253
F5.1
Supporting the timely, easy and cost effective access to high-quality linked data via the Custodian-Controlled Data Repository
Presented by: Matthias Schneider

F5.2
A longitudinal, historical model of households using linked Welsh administrative data
Presented by: Karen Tingay

F5.3
Synthetic data generator for testing record linkage routines in Brazil.
Presented by: Vitor Trentin

F5.4
Data Linkage Methods in Manitoba
Presented by: Ken Turner

F5.5
A Comparison of Record Linkage Software and Algorithms Using Real-World Data
Presented by: Alan Karr

10:00AM TO 12:00PM CONCURRENT SESSION F
F6: APPLIED PROJECTS (1) KINNEAR CENTRE 204

F6.1
Linking the Narcotics Monitoring System Database to Quantify the Contribution of Prescribed and Non-Prescribed Opioids to Opioid Overdoses in Ontario, Canada
Presented by: Diana Martins

F6.2
Dementias Platform UK (DPUK) Data Portal - World-leading infrastructure facilitating innovative multi-modal research
Presented by: Christopher Orton

F6.3
From online banking to biobanking: designing and implementing a data delivery platform for researchers of the China Kadoorie Biobank
Presented by: Sam Sansome

F6.4
Patient-Reported Outcomes Improves the Prediction of In-patient and Emergency Department Readmission Risks in Coronary Artery Disease
Presented by: Danielle Southern

F6.5
A Population-Based Examination of Benzodiazepine Receptor Agonist & Z-drug Dispensations in the Alberta Population: Prevalence of Use and Indicators of Potentially Inappropriate Use and Prescribing
Presented by: Daniala Weir

F6.6
Record linkage of pharmacovigilance and registration databases: a study of biological medicines in Brazil
Presented by: Monica Soares

FRIDAY, SEPTEMBER 14, 2018

10:00AM TO 12:00PM CONCURRENT SESSION F
F7: APPLIED PROJECTS (2) KINNEAR CENTRE 206

F7.1
Patterns of opioid utilization in the 90-days post hospital discharge and risk of re-admissions and emergency department visits
Presented by: Siyana Kurteva
F7.2
International comparison in walkable environments and hospital burden in type 2 diabetes patients
Presented by: Sarah Mah

F7.3
The Effect of Medication Adherence on the Disease Course in Pregnant Women with Inflammatory Bowel Disease
Presented by: Sangmin (Sarah) Lee

F7.4
Premature Mortality among People with Severe Mental Illness – New Evidence from Linked Primary Care Data
Presented by: Sze Chim Lee

F7.5
Utilizing population-based clinical and administrative data to estimate the incremental healthcare costs of dementia and frailty among community-residing care recipients.
Presented by: Luke Mondor

F7.6
Facilitating Patient Recruitment Process for Research
Presented by: Bing Li

10:00AM TO 12:00PM  CONCURRENT SESSION F
F8: APPLIED PROJECTS (3)  KINNEAR CENTRE 208

F8.1
Diagnosis incidence of autism spectrum disorders is underestimated in Australian children, and there are inequalities in access to diagnosis and treatment services: a data linkage study of health service usage
Presented by: Kylie-Ann Mallitt

F8.2
Diabetic Ketoacidosis (DKA) at Diabetes Diagnosis in Children (0-18 years) in Ontario, Canada: A Population-Based Retrospective Cohort Study of Health Administrative Data
Presented by: Oxana Mian

F8.3
Intellectual Disability in Children with Congenital Heart Defects in Western Australia
Presented by: Wendy Nembhard

F8.4
25-hydroxyvitamin D and health service utilization for asthma in early childhood
Presented by: Jessica Omand

F8.5
The Impact of Linked Administrative Data on Community Development of Integrated Mental Health Hubs: a Case Study
Presented by: Naomi Parker

FRIDAY, SEPTEMBER 14, 2018 (continued)

10:00AM TO 12:00PM  CONCURRENT SESSION F
F9: APPLIED PROJECTS (4)  KINNEAR CENTRE 210

F9.1
From the back room to the front room: Combining clinical and financial information to support evidence-based decision making
Presented by: Nathalie Robertson
F9.2
Automated Referral to Cardiac Rehabilitation following Coronary Artery Bypass Grafting is associated with limited improvements in program completion: a large cohort study
Presented by: Hongwei Liu

F9.3
Characteristics of Opioid-Related Deaths in Ontario, Canada: Leveraging the Drug and Drug/Alcohol Related Death (DDARD) Database
Presented by: Samantha Singh

F9.4
Utilizing population-based clinical and administrative data to explore the relevance of frailty to cholinesterase inhibitor use and discontinuation at nursing home transition.
Presented by: Laura Maclagan

10:00AM TO 12:00PM  CONCURRENT SESSION F
F10: INTERNATIONAL COLLABORATIVE WORKSHOP (1)
KINNEAR CENTRE 308
F10
Perspectives on Linkage Involving Indigenous data
Presented by: Jennifer Walker

10:00AM TO 12:00PM  CONCURRENT SESSION F
F11: INTERNATIONAL COLLABORATIVE WORKSHOP (2)
KINNEAR CENTRE 201
F11
A New Standards-based Grammar for Linking Aggregate Datasets
Presented by: Derek Ritz

10:00AM TO 12:00PM  CONCURRENT SESSION F
F12: INTERNATIONAL COLLABORATIVE WORKSHOP (3)
KINNEAR CENTRE 310
F12
A National Concept Dictionary
Presented by: Mahmoud Azimaee