2017 CONFERENCE
EPIDEMIOLOGY AND BIOSTATISTICS:
FROM MOLECULES TO POPULATION

PROGRAM

MAY 30TH TO JUNE 2ND
THE BANFF CENTRE • BANFF, ALBERTA
CSEB WISHES TO THANK THE CONFERENCE SPONSORS FOR THEIR GENEROUS SUPPORT!

PLATINUM

UNIVERSITY OF ALBERTA
SCHOOL OF PUBLIC HEALTH

Jewish General Hospital
Lady Davis Institute

icNODIES

GOLD

McGill UNIVERSITY
Division of Cancer Epidemiology
(cst. 1988)

Department of
Epidemiology, Biostatistics
and Occupational Health

McGill

Institut de recherche
Centre universitaire
de santé McGill

Research Institute
McGill University
Health Centre

SILVER

UNIVERSITY OF CALGARY
O’Brien Institute for Public Health

UNIVERSITY OF CALGARY
DEPARTMENT OF ONCOLOGY

UNIVERSITY OF CALGARY
CUMMING SCHOOL OF MEDICINE

CANADIAN PARTNERSHIP
AGAINST CANCER

PARTENARIAT CANADIEN
CONTRE LE CANCER

Arnie Charbonneau
Cancer Institute

BRONZE

Epidemiology
and Biostatistics

Schulich
Western
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ACKNOWLEDGEMENTS

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Christy Woolcott
The Kinnear Centre for Creativity & Innovation on the ground floor can accommodate events from small breakouts to large plenary sessions. It features a banquet kitchen, serves as the primary private dining venue, and has meeting rooms on both the first and second floors, totaling over 5,920 square feet. These spaces are equipped with audio-visual equipment, touch-control lighting, heating, and window coverings. All rooms are suitable for large banquets, tradeshows, or poster sessions.

### Room Layout

#### Husky Great Hall
- **Room 101**: 134 72 42 54 72 96 120 175 12.5 x 12.5 41 x 41 156.25 1,681 3.95 13'
- **Room 103**: 202 108 60 72 126 168 210 266 12.5 x 19 41 x 62.4 237.5 2,558 3.95 13'
- **Room 105**: 134 72 42 54 72 96 120 175 12.5 x 12.5 41 x 41 156.25 1,681 3.95 13'
- **Rooms 101 & 103 Combined**: 338 180 90 126 198 264 330 442 12.5 x 31.5 41 x 103.4 393.75 4,239 3.95 13'
- **Rooms 103 & 105 Combined**: 338 180 90 126 198 264 330 442 12.5 x 31.5 41 x 103.4 393.75 4,239 3.95 13'
- **Rooms 101, 103 & 105 Combined**: 470 250 120 132 282 376 490 617 12.5 x 44 41 x 144.4 550 5,920 3.95 13'

Please note: All capacity numbers are based on basic AV set-ups. Room set-ups are based on using banquet chairs, except where indicated.
TUESDAY, MAY 30, 2017 (PRE-CONFERENCE DAY)

<table>
<thead>
<tr>
<th>8:30AM TO 9:00AM</th>
<th>BREAKFAST/PETIT-DÉJEUNER - VISTAS RESTAURANT (SALLY BORDEN BUILDING)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00AM TO 12:00PM</td>
<td>MORNING WORKSHOP SERIES SÉRIE D’ATELIERS DU MATIN</td>
</tr>
</tbody>
</table>

**ROOM: KC 303**

1. SAS FOR GENOME-WIDE ASSOCIATION AND PREDICTION  
   *Presented by: RONG-CAI YANG, PhD, AF Professor of Statistical Genomics, Department of Agricultural, Food and Nutritional Science, University of Alberta*

   Intensive research interest and activities have ben towards the use of high-density DNA markers such as single nucleotide polymorphisms (SNPs) for genome-wide association or prediction of complex diseases in humans or quantitative traits of economic and adaptive importance in plants and animals. The analysis of such association or prediction is often based on a supersaturated model known as whole genome regression (WGR). The effects of individual SNP markers across a genome can be estimable only if certain assumptions about the distribution of marker effects are imposed on the WGR model, leading to a large number of statistical and machine-learning models. This workshop will first provide an overview on these models. It will then illustrate how SAS can handle genome-wide association or prediction. Examples of using SAS procedures to analyze real-life genomics data sets will enable the workshop participants to gain valuable hand-on experiences with innovative uses of SAS for analysis of genetics/genomics data.

**ROOM: KC 302**

2. METHODOLOGICAL AND ANALYTICAL CHALLENGES IN GENETIC EPIDEMIOLOGY  
   *Presented by: DR. DAVID MEYRE, PhD, Associate Professor, Dept. of Health Research Methods, Evidence, and Impact, McMaster University*

   With the decrease in genotyping and sequencing costs, genetic epidemiology is gaining popularity. The workshop will cover the key concepts and methods in genetic epidemiology including the classification of genetic disorders, study designs and their implementation, genetic marker selection, genotyping and sequencing technologies, gene identification strategies, data analyses and data interpretation. I will address classic pitfalls in genetic association studies and provide guidelines for proper discovery and replication genetic association studies. This review will help the participant to appraise and conduct a high-quality genetic association study.

**ROOM: KC 306**

3. UNDERSTANDING THE ROLE AND VALUE OF QUALITATIVE RESEARCH: AN INTRODUCTION TO AN ALTERNATE PARADIGM  
   *Presented by: DR. KATRINA MILANEY, Community Health Sciences, Cumming School of Medicine, University of Calgary and DR. REBECCA HAINES SAAH, Community Health Sciences, Cumming School of Medicine, University of Calgary*

   This three hour workshop will blend information sharing and interactive learning to introduce the key concepts, approaches and theories underlying qualitative research. Participants will learn about different types of qualitative research, appropriate research questions for this approach, the value add of qualitative research and the role this approach can play in the advancement of scholarly discourse and knowledge creation in health and social sciences. Following the workshop participants will have a clear understanding of the distinctions between quantitative and qualitative research methods, rigor, analysis techniques, and ethical considerations. Examples will be provided throughout.
### TUESDAY, MAY 30, 2017 (PRE-CONFERENCE DAY)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>12:30PM TO 1:00PM</td>
<td>LUNCH/DÉJEUNER - VISTAS RESTAURANT (SALLY BORDEN BUILDING)</td>
</tr>
<tr>
<td>1:00PM TO 4:00PM</td>
<td>AFTERNOON WORKSHOP SERIES \SÉRIE D’ATELIERS DE L’APRÈS-MIDI\</td>
</tr>
<tr>
<td>ROOM: KC 303</td>
<td>1. SAS INTEGRATION WITH OPEN SOURCE STATISTICAL SOFTWARE \Presented by: NATHANIEL KENNEDY-NOBLE, Data Sciences Associate\</td>
</tr>
<tr>
<td></td>
<td>SAS has been integrated with several open source programming languages for many years. This workshop will review how SAS is integrated with two key programming languages Python and R. Nathaniel will discuss ways to enhance and improve your statistical analyses using both SAS and open source. The workshop will also review educational resources available to Epidemiology programs across Canada.</td>
</tr>
<tr>
<td>ROOM: KC 302</td>
<td>2. EVIDENCE-BASED MEDICINE IN 2017 - IS IT MAKING THE GRADE? \Presented by: DR. EDDY LANG, Professor and Department Head for Emergency Medicine Cumming School of Medicine, University of Calgary Alberta Health Services, Calgary Zone\</td>
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<tr>
<td></td>
<td>By the end of this session participants will:</td>
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<tr>
<td></td>
<td>1. Have an understanding of the evolution of EBM as a force in shaping healthcare delivery and policy</td>
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<td>2. Describe the emergence of GRADE as an increasingly common approach in evaluating the certainty of research evidence both in systematic reviews and Clinical Practice Guidelines.</td>
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<td>3. Develop an introductory hands-on understanding of GRADEpro software and the outputs it can generate to inform evidence synthesis and clinical guidance.</td>
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<td>EBM was a term coined in the early ‘80s and despite variable interpretations can be argued to be considered a major advance in the interpretation and application of medical science. Emerging from EBM has been the industry of clinical practice guideline development which in and of itself has been described as a tower of Babel of methodologies and outputs. The GRADE approach has arisen from the need to achieve standardization in evidence interpretation and in mapping the trajectory from science to clinical decision-making. Participants in this workshop will develop an understanding of GRADE methodology and its limitations as well as practical tools for its use in support of clinical decision-making and health policy development.</td>
</tr>
<tr>
<td>5:30PM TO 7:00PM</td>
<td>WELCOME RECEPTION &amp; PRE-REGISTRATION - KC GALLERIA 200 \RÉCEPTION DE BIENVENUE ET PRÉ-INSCRIPTION\</td>
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<tr>
<td></td>
<td>Join the planning committee and conference participants for some refreshments as we kick off another exciting CSEB Conference!</td>
</tr>
</tbody>
</table>
### 7:30AM to 8:30AM
**Breakfast/Petit-Déjeuner - Vistas Restaurant (Sally Borden Building)**

### 8:30AM to 10:30AM
**Plenary Sessions**

**Room: KC 101/103**

**Obesity: Genes, Environment, or Combination of Both?**

*Presented by: Dr. David Meyre, PhD, Associate Professor, Dept. of Health Research Methods, Evidence, and Impact, McMaster University*

The worldwide rising prevalence of obesity is the underlying cause of numerous health complications and increased mortality. Being a complex and heritable disorder, obesity results from the interplay between genetic susceptibility and the environment. Twin, family and population-based studies have evidenced a strong inherited component for obesity. Attempts at understanding the genetic basis of obesity have identified numerous genes associated with syndromic monogenic, non-syndromic monogenic, oligogenic and polygenic obesity. Gene by environment interactions have a prominent role in obesity susceptibility. Mendelian randomization studies have provided causal inference in the sequence of events leading to obesity and its complications. Translational medical applications of genetic studies will be reviewed.

**Challenges and Opportunities for Social Epidemiology**

*Presented by: Dr. Ana Diez Roux, MD, PhD, MPH, Dean and Distinguished Professor of Epidemiology, Dornsife School of Public Health, Drexel University*

1. To be aware of the epidemiological evidence on the social determinants of health
2. To understand the challenges in using epidemiological methods to undress at the social determinants of health
3. To identify promising new directions

### 10:30AM to 11:00AM
**Coffee Break/PAUSE Café - KC Galleria 200**

### 11:00AM to 12:30PM
**Concurrent Sessions A**

**Room: KC 101/103**

A1: Environmental & Occupational

*A1 : Environnementale et professionnelle*

**Room: KC 301**

A2: Public Health/Population Health

*A2 : Santé publique et santé de la population*

**Room: KC 303**

A3: Epidemiologic Methods

*A3 : Méthodes épidémiologiques*

**Room: KC 305**

A4: Knowledge Transfer/Exchange

*A4 : Transfert/Echange de connaissances*
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>12:30PM TO 1:45PM</td>
<td>LUNCH/DÉJEUNER - VISTAS RESTAURANT (SALLY BORDEN BUILDING)</td>
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<tr>
<td>1:45PM TO 3:15PM</td>
<td>CONCURRENT SESSIONS B</td>
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<tr>
<td></td>
<td>SÉANCES SIMULTANÉE B</td>
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<td></td>
<td>ROOM: KC 101/103</td>
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<tr>
<td></td>
<td>B1: Population Health</td>
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<td></td>
<td>B1 : Santé de la population</td>
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<td>ROOM: KC 301</td>
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<td>B2: Diabetes, Cardiovascular Disease &amp; Stroke</td>
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<td></td>
<td>B2 : Diabète, maladies cardiovasculaires et accidents vasculaires cérébraux</td>
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<td>ROOM: KC 303</td>
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<tr>
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<td>B3: Health Services Research &amp; Economics</td>
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<td>B3 : Recherche sur les services de santé et économie</td>
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<td></td>
<td>ROOM: KC 305</td>
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<td>B4: Cancer</td>
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<td>3:15PM TO 4:30PM</td>
<td>POSTER VIEWING - KC GALLERIA 200</td>
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<td></td>
<td>EXPOSITION D’AFFICHES</td>
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<td></td>
<td>Coffee and tea and light snacks available</td>
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<td></td>
<td>Café, thé et goûter léger</td>
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<td>6:30PM TO 9:00PM</td>
<td>SOCIAL EVENT: BREWSTERS MOUNTAIN BBQ</td>
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<td>ACTIVITÉ SOCIALE: BBQ BREWSTERS MOUNTAIN</td>
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<td><a href="http://www.mountviewbbq.com/">http://www.mountviewbbq.com/</a></td>
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<td>Kick up your heels and enjoy an authentic mountain BBQ dinner including live music!</td>
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## Thursday, June 1, 2017 (Conference Day 2)

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tr>
<td>7:30AM TO 8:30AM</td>
<td>Breakfast/Petit-déjeuner - Vistas Restaurant (Sally Borden Building)</td>
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<tr>
<td>8:30AM TO 10:00AM</td>
<td>Concurrent Sessions C</td>
</tr>
<tr>
<td>Room: KC 101/103</td>
<td>C1: Health Services Research &amp; Economics</td>
</tr>
<tr>
<td>Room: KC 301</td>
<td>C2: Cancer</td>
</tr>
<tr>
<td>Room: KC 303</td>
<td>C3: Addictions &amp; Mental Health</td>
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<tr>
<td>Room: KC 305</td>
<td>C4: Chronic Disease &amp; Injury</td>
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<tr>
<td>10:00AM TO 10:30AM</td>
<td>Coffee Break/Pause Café - KC Galleria 200</td>
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<tr>
<td>10:30AM TO 12:00PM</td>
<td>Concurrent Sessions D</td>
</tr>
<tr>
<td>Room: KC 101/103</td>
<td>D1: Public Health/Population Health</td>
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<tr>
<td>Room: KC 301</td>
<td>D2: Behavioural &amp; Social Epidemiology</td>
</tr>
<tr>
<td>Room: KC 303</td>
<td>D3: Cancer</td>
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<tr>
<td>Room: KC 305</td>
<td>D4: Nutrition, Physical Activity &amp; Obesity</td>
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### Thursday, June 1, 2017 (Conference Day 2)

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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>12:00PM TO 1:15PM</td>
<td>LUNCH/DÉJEUNER - VISTAS RESTAURANT (SALLY BORDEN BUILDING)</td>
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<tr>
<td>1:15PM TO 2:45PM</td>
<td>CONCURRENT SESSIONS E SÉANCES SIMULTANÉE E</td>
<td>E1: Building Cancer Research Capacity</td>
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<td>E1: Renforcer la capacité de recherche sur le cancer</td>
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<td></td>
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<td>E2: Biostatistics</td>
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<td>E2: Biostatistique</td>
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<td>E3: Clinical- &amp; Pharmaco-Epidemiology</td>
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<td>E3: Épidémiologie clinique et pharmaco-épidémiologie</td>
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<td>E4: Infectious Disease</td>
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<td>E4: Maladies infectieuses</td>
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<tr>
<td>2:45PM TO 4:00PM</td>
<td>POSTER VIEWING - KC GALLERIA 200 EXPOSITION D’AFFICHES</td>
<td>Coffee and tea and light snacks available</td>
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<td>Café, thé et goûter léger</td>
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<tr>
<td>4:00PM TO 5:30PM</td>
<td>CONCURRENT SESSIONS F SÉANCES SIMULTANÉE F</td>
<td>F1: Public Health/Population Health</td>
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<td>F1: Santé publique et santé de la population</td>
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<td>F2: Cancer</td>
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<td>F3: Biostatistics</td>
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<td>F3: Biostatistique</td>
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<td>F4: Environmental &amp; Occupational/Surveillance &amp; Spatial Epidemiology</td>
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<td>F4: Épidémiologie environnementale et professionnelle/épidémiologie</td>
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<td>spatiale et de la surveillance</td>
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<tr>
<td>5:45PM TO 6:45PM</td>
<td>SOCIAL EVENT: STUDENT SPEED NETWORKING - ROOM: KC 105</td>
<td>ACTIVITÉ SOCIALE : RÉSEAUTAGE-MINUTE POUR LES ÉTUDIANTS</td>
</tr>
<tr>
<td>6:30PM +</td>
<td>SOCIAL EVENT: STUDENT &amp; MENTOR PUB NIGHT</td>
<td>ACTIVITÉ SOCIALE : SOIRÉE AU BISTRÔT ENTRE ÉTUDIANTS ET MENTORS</td>
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<td>Join students and mentors for an evening out on the town in Banff. Details about the first stop of the night will be announced at the conference.</td>
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<tr>
<td>7:30AM TO 8:30AM</td>
<td>BREAKFAST/PETIT-DÉJEUNER - VISTAS RESTAURANT (SALLY BORDEN BUILDING)</td>
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<tr>
<td>8:30AM TO 9:45AM</td>
<td>WORKSHOP SERIES SÉRIE D’ATELIERS</td>
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**ROOM: KC 301**

1. **WORKING AT THE NEXUS OF RESEARCH AND POLICY: INTERNATIONAL JOINT POLICY COMMITTEE OF THE SOCIETIES OF EPIDEMIOLOGY (IJPC-SE)**

   *Presented by: **DR. MARK OREMUS**, University of Waterloo, President, Canadian Society of Epidemiology and Biostatistics (CSEB)*

   This workshop will describe the vision, mission, structure, and role of the IJPC-SE, an international consortium of 21 national and international epidemiology organizations spanning six continents. These organizations have joined together to form a voluntary joint policy committee called the IJPC-SE. Our goal is to ensure health for all through ethical, independent and transparent science, as well as through the production of position statements and evidence briefs.

**ROOM: KC 303**

2. **INSIGHTS FROM BIG DATA: CREATING THE EVIDENCE BASE FOR HEALTH POLICY DEVELOPMENT**

   *Presented by: **DR. LARRY SVENSON**, Executive Director, Analytics and Performance Reporting, Alberta Health*

   Maximizing the use of data collected through interactions with the health care system are critical to evidence-based decision making. This workshop will examine challenges and opportunities faced when using data to inform and evaluate the development of public health policies. Examples will be drawn from experiences in the Alberta context and show the value of linking across large administrative health data bases, and the opportunities for linkage to non-health data.

**ROOM: KC 305**

3. **STATISTICAL CHALLENGES IN DISEASE RISK PREDICTION**

   *Presented by: **Dr. LISA LIX**, PhD P.Stat., Professor, Department of Community Health Sciences & George and Fay Yee Centre for Healthcare Innovation, University of Manitoba*

   Predicting risk of a health outcome, such as the onset of a chronic disease or a critical health event has received considerable attention in both the clinical and statistical literature in recent years. This workshop will examine challenges faced when developing, assessing, and validating risk prediction models. Examples will be drawn from the use of these models in musculoskeletal research. Key considerations in risk prediction modeling will be discussed, including the rationale for selection of a statistical or machine-learning model, selection of predictor variables and variable reduction techniques to develop a parsimonious model, evaluation of predictive performance, and validation.
### 9:45AM TO 10:15AM
**COFFEE BREAK/PAUSE CAFÉ** - KC GALLERIA 200

### 10:15AM TO 11:45PM
**WORKSHOP SERIES**

<table>
<thead>
<tr>
<th>ROOM: KC 303</th>
<th>1. STUDENT CAREER WORKSHOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Presented by: RAY DEONANDAN, Assistant Professor, Interdisciplinary School of Health Sciences, University of Ottawa, JAMES TALBOT, Adjunct Professor, School of Public Health, University of Alberta, and LEAH PHILLIPS, Director of Research, College of Licensed Practical Nurses of Alberta</td>
<td></td>
</tr>
<tr>
<td>Representatives from the worlds of academia, government, and industry will give career-planning advice for students in Epidemiology, Biostatistics, Public Health, and Health Sciences. What skills do you need to acquire? Where can you find job opportunities? Attendees should come armed with questions.</td>
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<thead>
<tr>
<th>ROOM: KC 305</th>
<th>2. SCIENCE COMMUNICATION WORKSHOP</th>
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<tbody>
<tr>
<td>Presented by: MS. KAYLEE BYERS, PhD candidate in the Department of Interdisciplinary Studies at the University of British Columbia and MICHAEL UNGER, Program Coordinator at the H.R. MacMillan Space Centre in Vancouver</td>
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<tr>
<td>Science is a way of understanding the world around us, but science needs to be understood by all for it to be effective. Kaylee and Michael run Nerd Nite Vancouver, a science-based bar lecture series held at the Fox Cabaret, it encourages science communication in an informal setting. This workshop includes three different mini-modules, entitled ‘Telling your Science as a Story’, ‘Understanding your Audience’, and ‘Dejargoning your Science: Using Simple Language to Communicate Effectively’. Participants in this workshop will develop an understanding of the importance of science communication and understand a variety of different creative ways to communicate to the public. By the end of this session, participants will:</td>
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<tr>
<td>1. Explain how telling your science as a story helps to engage an audience and increase receptivity of your science</td>
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<tr>
<td>2. Will be able to pitch a story to a variety of different audiences</td>
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<tr>
<td>3. Will also be able to identify jargon and cross jargon, and use simple language to explain a complex topic</td>
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### 11:45AM TO 12:15PM
**CSEB AWARDS PRESENTATIONS - ROOM: KC 101/103**

- CSEB Early Career
- Geoffrey Howe Award
- CSEB Distinguished Service
- Lifetime Achievement

### 12:15PM TO 12:30PM
**CLOSING REMARKS - KC 101/103**

Presented by: DR. MARK OREMUS, University of Waterloo, President, Canadian Society of Epidemiology and Biostatistics (CSEB)
CONCURRENT SESSIONS AT-A-GLANCE
### A1 : ENVIRONNEMENTALE ET PROFESSIONNELLE

| A1.1 | SOME CHALLENGES IN MEASURING ULTRA-FINE PARTICLES AND DEVELOPING A LAND USE REGRESSION MODEL IN GREATER MONTREAL AREA  
Presented by:  
- Shilpa LN Karumanchi, Student, University of Montreal |
| A1.2 | A COMMUNITY-BASED PILOT STUDY ASSESSING THE WORK-RELATED MUSCULOSKELETAL RISK PERCEPTION AMONG GOVERNMENT- AND PRIVATE-SPONSORED SYRIAN REFUGEES IN CANADA  
Presented by:  
- Sonja Senthanar, PhD Candidate, University of Waterloo |
| A1.3 | POPULATION ATTRIBUTABLE RISK AND IMPACT FRACTIONS FOR LUNG CANCER AND RESIDENTIAL RADON – A CANADIAN PERSPECTIVE  
Presented by:  
- Tasha Narain, Research Associate, Queen’s University |
| A1.4 | AN INVESTIGATION OF OCCUPATIONAL EXPOSURE TO MONOCYCLIC AROMATIC HYDROCARBONS AND LUNG CANCER RISK IN THE METROPOLITAN MONTRÉAL AREA  
Presented by:  
- Hunter Warden, Graduate Student, Queen’s University |
| A1.5 | PERCEIVED NEIGHBOURHOOD SAFETY AND SYSTOLIC BLOOD PRESSURE IN CHILDREN: FINDINGS FROM THE QUALITY COHORT  
Presented by:  
- Tracie Barnett, Professor, INRS Institut Armand Frappier |
## A2: PUBLIC HEALTH/POPULATION HEALTH - ROOM: KC 301

### A2 : SANTÉ PUBLIQUE ET SANTÉ DE LA POPULATION

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<td>A2.1</td>
<td>AREA-LEVEL DEPRIVATION AND EMERGENCY DEPARTMENT USE IN EDMONTON AND CALGARY, AB: AN ANALYSIS OF RATES AND TRENDS FROM 2010 TO 2016</td>
<td>Jordan Ross, Analyst, Alberta Health Services</td>
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<td>A2.2</td>
<td>FEBRILE SEIZURE RISK FOLLOWING CHILDHOOD VACCINATION IN ALBERTA; A STUDY AIMED AT IMMUNIZATION QUALITY IMPROVEMENT IN CHILDREN 6 TO 23 MONTHS</td>
<td>Muddassir Siddiqui, Analyst, Alberta Health Services</td>
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<td>A2.3</td>
<td>ALCOHOL CONSUMPTION PREVALENCE AND ADHERENCE TO CANCER PREVENTION RECOMMENDATIONS FOR ALCOHOL CONSUMPTION AMONG ADULTS: CROSS-SECTIONAL RESULTS FROM ALBERTA'S TOMORROW PROJECT</td>
<td>Tiffany Haig, MSc Candidate, Alberta Health Services</td>
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<tr>
<td>A2.4</td>
<td>ASSOCIATIONS BETWEEN CANCER PREVENTION KNOWLEDGE, ATTITUDES AND BEHAVIOURS IN THE ALBERTA PREVENTS SURVEY</td>
<td>Anne Grundy, Research Associate, Department of Social and Preventive Medicine, Université de Montréal and Centre de recherche du CHUM (CRCHUM)</td>
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<td>A2.5</td>
<td>ESTIMATED REDUCTIONS IN PROVIDER-INITIATED PRETERM BIRTHS AND CORRESPONDING MATERNAL AND NEWBORN HOSPITAL LENGTH OF STAY UNDER A UNIVERSAL ASPIRIN PROPHYLAXIS STRATEGY IN CANADA</td>
<td>Alison Park, Senior Epidemiologist Institute for Clinical Evaluative Sciences (ICES)</td>
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A3: EPIDEMIOLOGIC METHODS - ROOM: KC 303

A3.1 A QUALITATIVE PILOT STUDY TO INFORM PARTICIPANT ENGAGEMENT STRATEGIES IN A LARGE PROSPECTIVE COHORT STUDY
Presented by:
- Jenna Gagne, Research Assistant, Alberta’s Tomorrow Project, CancerControl Alberta, Alberta Health Services

A3.2 MEASURING EQUITY IN HEALTH CARE THROUGH DATA LINKAGE
Presented by:
- Christina Catley, Senior Analyst, Canadian Institute for Health Information

A3.3 CAN HEALTH ADMINISTRATIVE DATA BE USED TO ACCURATELY IDENTIFY CASES OF TRAVEL-RELATED DISEASE IN ONTARIO?
Presented by:
- Rachel Savage, PhD Student, University of Toronto

A3.4 CANCER IN ONTARIO WORKERS FROM 1983-2016: RESULTS FROM THE OCCUPATIONAL DISEASE SURVEILLANCE SYSTEM (ODSS)
Presented by:
- Saul Feinstein, Research Associate, Cancer Care Ontario

A3.5 ETHNIC VARIATION IN PREDIABETES INCIDENCE AMONG RECENT IMMIGRANTS AND LONG-TERM RESIDENTS TO CANADA: A COMPETING RISK ANALYSIS
Presented by:
- Ghazal Fazli, PhD Candidate, University of Toronto
### A4: KNOWLEDGE TRANSFER/EXCHANGE - ROOM: KC 305

**A4.1 Predicting Important Patient Domains for Glaucoma Management**
- Presented by: Lavanya Uruthiramoorthy, Graduate Student, Western University

**A4.2 A Systematic Review of the Role of Coping Strategies in the Association Between Caregiving Complexity and Quality of Life Among Parents of Children with Chronic Illness or Disability**
- Presented by: Alana Fairfax, Master’s student, University of Ottawa

**A4.3 Comparative Human Exposure to Antimicrobial Resistant Escherichia Coli from Food Animals Using Integrative Assessment Modelling: A Farm to Fork Approach**
- Presented by: Colleen Murphy, Veterinary Epidemiologist, NSERC Fellow placed at the Centre for Food-borne, Environmental and Zoonotic Infections

**A4.4 A Knowledge Translation Strategy for the Canadian Population Attributable Risk (COMPARE) Project**
- Presented by: Leah Smith, Epidemiologist, Canadian Cancer Society

**A4.5 Corneal Biomechanical Properties After SMILE Versus Flex, LASIK, LASEK, or PRK: A Systematic Review and Meta-Analysis**
- Presented by: Hui Guo, Graduate Student, Schulich School of Medicine and Dentistry, The University of Western Ontario, London, Canada
## B1: POPULATION HEALTH - ROOM: KC 101/103

**B1.1 CANADIAN LONGITUDINAL STUDY ON AGING: A PLATFORM FOR INTERDISCIPLINARY RESEARCH**

- Presented by:
  - Lauren Griffith, associate professor, Department of Health Research Methods, Evidence, and Impact, McMaster University
  - Istvan Molnar-Szakacs, data access officer, Canadian Longitudinal Study on Aging
  - Mark Oremus, associate professor, School of Public Health and Health Systems

## B2: DIABETES, CARDIOVASCULAR DISEASE & STROKE - ROOM: KC 301

**B2.1 THE IMPACT OF SELF-EFFICACY ON HOSPITALIZATION RATES AND IN MANAGING CHRONIC DISEASE IN A CANADIAN TYPE-2 DIABETES COHORT**

- Presented by:
  - Haoyu Zhao, Graduate student, School of Public Health, University of Alberta

**B2.2 CHANGES IN BODY MASS INDEX AND INCIDENCE OF DIABETES: A LONGITUDINAL STUDY OF ALBERTA’S TOMORROW PROJECT COHORT**

- Presented by:
  - Ming Ye, Postdoctoral Fellow, Alliance for Canadian Health Outcomes Research in Diabetes, University of Alberta

**B2.3 COMORBID DEPRESSION AND ANXIETY SYMPTOMS AND THE RISK OF INCIDENT DIABETES: PROSPECTIVE RESULTS FROM THE LIFELINES COHORT STUDY**

- Presented by:
  - Sonya Deschênes, Postdoctoral Fellow, McGill University

**B2.4 ECONOMIC VULNERABILITY AND CHRONIC DISEASE RISK: A POPULATION-BASED STUDY INVESTIGATING THE ASSOCIATION BETWEEN FOOD INSECURITY AND INCIDENT TYPE 2 DIABETES IN CANADIAN ADULTS**

- Presented by:
  - Christopher Tait, PhD Candidate, Dalla Lana School of Public Health, University of Toronto

**B2.5 THE PROGRESSION FROM PREDIABETES TO TYPE 2 DIABETES AMONG RECENT IMMIGRANTS AND LONG-TERM RESIDENTS TO CANADA: A POPULATION-BASED COHORT STUDY**

- Presented by:
  - Ghazal Fazli, PhD Candidate, University of Toronto
B3 : RECHERCHE SUR LES SERVICES DE SANTÉ ET ÉCONOMIE

B3.1 REDUCING SCORING UNCERTAINTY IN THE EQ-5D HEALTH UTILITIES: A BAYESIAN APPROACH USING SPATIAL GAUSSIAN CORRELATION STRUCTURE
Presented by:
- Shahriar Shams, PhD Student, University of Toronto

B3.2 USING PRIMARY CARE ELECTRONIC MEDICAL RECORD DATA AND MACHINE LEARNING TO PREDICT ACUTE CARE USE
Presented by:
- Colin Weaver, Master’s Student, University of Calgary

B3.3 HOMELESSNESS STATUS AND THE FREQUENCY OF ACCESSING PRIMARY CARE IN THE CONTEXT OF A LARGE CANADIAN CITY: A MODELING STUDY
Presented by:
- Laura Rivera, Research Associate, University of Calgary

B3.4 A POPULATION-BASED STUDY OF PATIENT AND SYSTEM FACTORS ASSOCIATED WITH ADVANCED CUTANEOUS MELANOMA IN ONTARIO
Presented by:
- Meaghan Mavor, Master’s student, Queen’s University

B3.5 USING MORTALITY RATE FORECASTING IN HEALTH ECONOMIC EVALUATION
Presented by:
- Mohammad Kaviul Khan, Clinical Research Project Coordinator, Child Health Evaluative Sciences, The Hospital for Sick Children
1:45PM TO 3:15PM  CONCURRENT SESSION B

B4: CANCER - ROOM: KC 305

B4.1 PREVENTING ALCOHOL-RELATED CANCER: WHAT IF EVERYONE DRANK WITHIN THE GUIDELINES?
Presented by:
- Elisa Candido, Acting Group Manager, Cancer Care Ontario

B4.2 EFFECTS OF SLEEP DURATION ON ALL CANCER INCIDENCE RATES IN THE ALBERTA TOMORROW PROJECT COHORT
Presented by:
- Jessica McNeil, Postdoctoral Fellow, Alberta Health Services

B4.3 THE LONG-TERM RISK OF CARDIOVASCULAR DISEASE INCIDENCE IN LYMPHOMA SURVIVORS: A SYSTEMATIC REVIEW AND META-ANALYSIS
Presented by:
- Alexis Mickle, Graduate Student, Alberta Health Services

B4.4 THE LONG-TERM RISK OF CARDIOVASCULAR DISEASE MORTALITY IN LYMPHOMA SURVIVORS COMPARED TO THE GENERAL POPULATION: A SYSTEMATIC REVIEW AND META-ANALYSIS OF OBSERVATIONAL STUDIES
Presented by:
- Devon Boyne, PhD Student, Alberta Health Services

B4.5 BACILLUS CALMETTE-GUERIN (BCG) VACCINATION AND LYMPHOMA: PRELIMINARY RESULTS FROM A SYSTEMATIC REVIEW AND META-ANALYSIS
Presented by:
- Marie-Claude Rousseau, Full Professor, Institut National de la Recherche Scientifique
### THURSDAY, JUNE 1, 2017 (CONCURRENT SESSIONS)

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<td>8:30AM</td>
<td><strong>C1: HEALTH SERVICES RESEARCH &amp; ECONOMICS - ROOM: KC 101/103</strong></td>
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<td><strong>C1 : RECHERCHE SUR LES SERVICES DE SANTÉ ET ÉCONOMIE</strong></td>
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<td><strong>C1.1 CHARACTERISTICS AND EARLY HEALTHCARE USE OF REFUGEES IN ONTARIO, CANADA</strong></td>
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<td><strong>Presented by:</strong> Amanda Alberga, Epidemiologist, Institute for Clinical Evaluative Sciences (ICES)</td>
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<td></td>
<td><strong>C1.2 EFFECTS OF BEHAVIOURAL RISK FACTORS ON HIGH COST USERS OF HEALTHCARE: A POPULATION-BASED STUDY</strong></td>
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<td><strong>Presented by:</strong> Amanda Alberga, Epidemiologist, Institute for Clinical Evaluative Sciences (ICES)</td>
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<td><strong>C1.3 LEVERAGING A PROVINCIAL NETWORK TO DESCRIBE POPULATION TRENDS IN PALLIATIVE CARE SERVICE USE IN ONTARIO</strong></td>
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<td><strong>Presented by:</strong> Lauren Della Mora, Senior Analyst, Cancer Care Ontario</td>
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<td><strong>C1.4 HEALTH CARE SERVICE UTILIZATION AND UNMET HEALTH CARE NEEDS OF RURAL INDIGENOUS PEOPLES IN CANADA: A POPULATION-BASED STUDY</strong></td>
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<td><strong>Presented by:</strong> Arlanna Pugh, Graduate Student, Queen’s University</td>
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<td><strong>C1.5 INVESTIGATING THE VALUE OF A TAILORED KNOWLEDGE SYNTHESIS APPROACH FOR RARE DISEASES: FOCUS GROUPS WITH VARIOUS STAKEHOLDERS</strong></td>
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<td><strong>Presented by:</strong> Kylie Tingley, PhD candidate, University of Ottawa</td>
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<td><strong>C2: CANCER - ROOM: KC 301</strong></td>
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<td><strong>C2.1 PROJECTION OF CANCER INCIDENCE IN ALBERTA’S TOMORROW PROJECT FROM 2017 TO 2036</strong></td>
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<td><strong>Presented by:</strong> Jian-Yi Xu, Biostatistician, Alberta’s Tomorrow Project, CancerControl Alberta, Alberta Health Services, Alberta</td>
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<td><strong>C2.2 LIFESTYLE AND CANCER PREVENTION IN CANADA: ESTIMATING THE CURRENT AND FUTURE AVOIDABLE CANCER BURDEN</strong></td>
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<td><strong>Presented by:</strong> Darren Brenner, Research Scientist/Adj. Assistant Professor, University of Calgary</td>
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<td><strong>C2.3 SHIFT WORK PATTERNS, CHRONOTYPE AND OVARIAN CANCER RISK</strong></td>
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<td><strong>Presented by:</strong> Lisa Leung, Student, Department of Public Health Sciences, Queen’s University</td>
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<td><strong>C2.4 A CANCER PROFILE FOR FIRST NATIONS IN ONTARIO ACHIEVED THROUGH LINKED REGISTRY DATA NO PARTNERSHIPS</strong></td>
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<td><strong>Presented by:</strong> Sehar Jamal, Research Associate, Cancer Care Ontario</td>
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<td><strong>C2.5 COLORECTAL CANCER TREATMENT FOR PATIENTS WITH A SEVERE PSYCHIATRIC ILLNESS: EVIDENCE FOR INEQUALITIES IN A UNIVERSAL HEALTH CARE SYSTEM</strong></td>
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<td><strong>Presented by:</strong> Alyson Mahar, Postdoctoral Research Associate, Sunnybrook Health Sciences Centre</td>
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THURSDAY, JUNE 1, 2017 (CONCURRENT SESSIONS)

8:30AM TO 10:00AM  CONCURRENT SESSION C
C3: ADDICTIONS & MENTAL HEALTH - ROOM: KC 303

C3: SANTÉ MENTALE ET TOXICOMANIE

C3.1  TRENDS IN STANDARDIZED MORTALITY AMONG INDIVIDUALS WITH SCHIZOPHRENIA FROM 1993 TO 2012: A POPULATION-BASED STUDY

  Presented by:
  - Evgenia (Jenny) Gatov, Epidemiologist, Institute for Clinical Evaluative Sciences (ICES)

C3.2  TEST-RETEST RELIABILITY OF CHILD AND ADOLESCENT PSYCHIATRIC DISORDER CLASSIFICATIONS ASSESSED USING STANDARDIZED DIAGNOSTIC INTERVIEWS: A SYSTEMATIC REVIEW AND META-ANALYSIS

  Presented by:
  - Laura Duncan, Research Coordinator, Offord Centre for Child Studies, McMaster University

C3.3  ASSOCIATIONS BETWEEN PHYSICAL ILLNESS AND SUICIDAL BEHAVIOURS AMONG ADOLESCENTS AND YOUNG ADULTS

  Presented by:
  - Mark Ferro, Assistant Professor, University of Waterloo

C3.4  QUALITY OF LIFE IN PARENTS OF CHILDREN WITH EPILEPSY: 10 YEARS AFTER DIAGNOSIS

  Presented by:
  - Klajdi Puka, Graduate Student, Western University; Children’s Health Research Institute; Lawson Health Research Institute

C3.5  A HEAVY BURDEN ON YOUNG MINDS: NOVEL INSIGHTS INTO THE GLOBAL BURDEN OF SUBSTANCE USE IN ADOLESCENTS FROM 73 LOW- AND MIDDLE-INCOME COUNTRIES (LMICS)

  Presented by:
  - Christopher, Tait, PhD Candidate, Dalla Lana School of Public Health, University of Toronto
### C4: CHRONIC DISEASE & INJURY - ROOM: KC 305

#### C4 : BLESSURES ET MALADIES CHRONIQUES

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<td>EARLY MOBILIZATION FOLLOWING ARTHROSCOPIC ROTATOR CUFF REPAIR; A SINGLE-BLIND, RANDOMIZED CONTROL TRIAL</td>
<td>Anelise Silveira, Research Associate, Alberta Health Services</td>
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<td>C4.2</td>
<td>VALIDATION OF A KIDNEY FAILURE RISK EQUATION IN A POPULATION-BASED COHORT OF ALBERTA ADULTS WITH CHRONIC KIDNEY DISEASE</td>
<td>Rob Weaver, Statistical Associate, Cumming School of Medicine, University of Calgary</td>
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<td>C4.3</td>
<td>DEPRESSIVE SYMPTOMS IN ADOLESCENTS AND YOUNG ADULTS WITH EPILEPSY 10 YEARS AFTER DIAGNOSIS: A TEST OF THE STRESS PROCESS</td>
<td>Samanpreet Brar, Graduate Student, Western University</td>
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<td>C4.4</td>
<td>CHRONIC DISRUPTIVE PAIN IN EMERGING ADULTS WITH AND WITHOUT CHRONIC HEALTH CONDITIONS: THE MODERATING ROLE OF PSYCHIATRIC DISORDERS</td>
<td>Rana Qadeer, Student, McMaster University</td>
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<td>C4.5</td>
<td>TIME TRENDS OF THE INCIDENCE, PREVALENCE, AND POST-DIAGNOSIS MORTALITY OF PARKINSONISM</td>
<td>Jessica Wong, Master's student, Dalla Lana School of Public Health, University of Toronto</td>
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10:30AM TO 12:00PM  CONCURRENT SESSION D

D1: PUBLIC HEALTH/POPULATION HEALTH - ROOM: KC 101/103

D1 : SANTÉ PUBLIQUE ET SANTÉ DE LA POPULATION

D1.1 KNOWLEDGE TRANSLATION AND DISSEMINATION OF NEW STATISTICS ON HPV-ASSOCIATED CANCERS IN CANADA
Presented by:
- Leah Smith, Epidemiologist, Canadian Cancer Society

D1.2 CANCER RISK FACTORS AND SCREENING AMONG INUIT IN ONTARIO AND OTHER REGIONS OF CANADA
Presented by:
- Maegan Prummel, Senior Research Associate, Cancer Care Ontario

D1.3 COLORECTAL CANCER RISK STRATIFICATION IDENTIFIES PATTERNS AND PREDICTORS OF ADHERENCE TO SCREENING RECOMMENDATIONS IN ALBERTA’S TOMORROW PROJECT PARTICIPANTS
Presented by:
- Alia Al Rajabi , Alberta’s Tomorrow Project, CancerControl Alberta, Alberta Health Services

D1.4 IMPACT OF THE 2008 ALBERTA TOBACCO REDUCTION ACT ON SECONDHAND SMOKE EXPOSURE: PRELIMINARY FINDINGS FROM A PROSPECTIVE COHORT STUDY
Presented by:
- Alianu Akawung, Biostatistician, Alberta Health Services

D1.5 INTENTIONAL TANNING AMONG CANADIAN ADOLESCENTS: CRAYS 2015
Presented by:
- Victoria Nadalin, Senior Research Associate, Cancer Care Ontario
D2: BEHAVIORAL & SOCIAL EPIDEMIOLOGY - ROOM: KC 301

D2.1 SOCIAL SUPPORT AVAILABILITY AND DEPRESSIVE SYMPTOMS AMONG MIDDLE- AND OLDER-AGED ADULTS: A PRELIMINARY ANALYSIS OF BASELINE DATA FROM THE CANADIAN LONGITUDINAL STUDY ON AGING
Presented by:
- Mark Oremus, Associate Professor, University of Waterloo

D2.2 SOCIAL SUPPORT AVAILABILITY AND COGNITIVE FUNCTION AMONG MIDDLE- AND OLDER-AGED ADULTS: A CROSS-SECTIONAL ANALYSIS OF THE CANADIAN LONGITUDINAL STUDY ON AGING
Presented by:
- Mark Oremus, Associate Professor, University of Waterloo

D2.3 BI-DIRECTIONAL ASSOCIATION BETWEEN PHYSICAL ACTIVITY AND SEDENTARY BEHAVIOR DURING THE DAY AND NIGHTTIME SLEEP DURATION AMONG 10-13 YEAR OLDS
Presented by:
- Yingyi Lin, Graduate Research Assistant, Queen's University

D2.4 THE INTERSECTIONAL DISCRIMINATION INDEX: VALIDITY AND RELIABILITY OF A NEW MEASURE FOR POPULATION HEALTH RESEARCH
Presented by:
- Ayden Scheim, PhD candidate, Epidemiology & Biostatistics, Western University

D2.5 ASSOCIATIONS BETWEEN SELECTED ASPECTS OF HOUSING AND TYPES OF SOCIAL SUPPORT IN PSYCHIATRIC SURVIVORS
Presented by:
- Melody Lam, Student, Western University
### D3: CANCER - ROOM: KC 303

**10:30AM TO 12:00PM**

#### D3.1  
**Population Attributable Risk and Impact Fractions for Lung Cancer and Outdoor Air Pollution in Canada**  
**Presented by:**  
- Will D. King, Associate Professor, Queen’s University

#### D3.2  
**Cancers Attributable to Infections in Canada**  
**Presented by:**  
- Karena Volesky, PhD Student, McGill University

#### D3.3  
**Lung Cancer Risk at Low Radon Exposures in the Czech, French and Canadian Uranium Miners (1953–1999)**  
**Presented by:**  
- Rachel Lane, Radiation and Health Sciences Specialist, Canadian Nuclear Safety Commission

#### D3.4  
**Occupational Exposure to Asbestos and the Risk of Kidney Cancer**  
**Presented by:**  
- Cheryl Peters, Postdoctoral Fellow, Carleton University

### D4: NUTRITION, PHYSICAL ACTIVITY & OBESITY - ROOM: KC 305

**D4 : Nutrition, Activité Physique et Obésité**

#### D4.1  
**Effects of Prescribed Aerobic Exercise Volume on Objectively-Assessed Physical Activity and Sedentary Time in Postmenopausal Women: Results from the Breast Cancer and Exercise Trial in Alberta (BETA)**  
**Presented by:**  
- Jessica McNeil, Postdoctoral Fellow, Alberta Health Services

#### D4.2  
**Diet Quality and Mortality Risk in Canada: A Population-Based Study Using Linked Survey and Health Administrative Data**  
**Presented by:**  
- Christopher Tait, PhD Candidate, Dalla Lana School of Public Health, University of Toronto

#### D4.3  
**Effects of Total and Recreational Physical Activity on Cancer Incidence in the Alberta Tomorrow Project Cohort**  
**Presented by:**  
- Amanda Barberio, Research Associate Department of Cancer Epidemiology and Prevention Research, Alberta Health Services

#### D4.4  
**The Impact of Menopausal Status on Association Between Recreational Moderate-to-Vigorous Physical Activity and Ovarian Cancer Among Participants in the Prevention of Ovarian Cancer in Quebec (PROVAQ) Study.**  
**Presented by:**  
- Anne Grundy, Research Associate, Department of Social and Preventive Medicine, Université de Montréal and Centre de Recherche du CHUM (CRCHUM)
## E1: BUILDING CANCER RESEARCH CAPACITY - ROOM: KC 101/103

**E1.1 THE CANADIAN PARTNERSHIP FOR TOMORROW PROJECT: A HEALTH RESEARCH RESOURCE**  
**Presented by:**  
- Paula Robson, Scientific Director, Alberta’s Tomorrow Project

**E1.2 EXPERIENCES OF CANCER PATIENTS IN TRANSITION STUDY: FROM SURVEY IMPLEMENTATION TO OUTCOME MODELING**  
**Presented by:**  
- Andrea Coronado, Specialist, Health System Performance, Canadian Partnership Against Cancer

**E1.3 BUILDING CANCER ANALYTIC CAPACITY IN CANADA**  
**Presented by:**  
- Cheryl Louzado, Program Manager, Data Integration, Canadian Partnership Against Cancer

## E2: BIOSTATISTICS - ROOM: KC 301

**E2.1 USING MACHINE LEARNING METHODS TO CREATE CHRONIC DISEASE CASE DEFINITIONS IN A PRIMARY CARE ELECTRONIC MEDICAL RECORD**  
**Presented by:**  
- Brendan Lethebe, Student, University of Calgary

**E2.2 GENE SET ANALYSIS OF LONGITUDINAL BLOOD PRESSURE**  
**Presented by:**  
- Elham Khodayari Moez, PhD Student, School of Public Health, University of Alberta

**E2.3 LONGITUDINAL TRAJECTORIES OF DISEASE SEVERITY IN CHILDREN WITH EPILEPSY**  
**Presented by:**  
- Anita Brobbey, PhD Student, University of Calgary

**E2.4 TRAJECTORIES OF PARENT-REPORTED HEALTH-RELATED QUALITY OF LIFE IN CHILDREN WITH EPILEPSY**  
**Presented by:**  
- Tolulope Sajobi, Assistant Professor, University of Calgary

**E2.5 MODELING THE RANDOM EFFECTS COVARIANCE MATRIX FOR LONGITUDINAL DATA WITH OVARiates MEASUREMENT ERROR**  
**Presented by:**  
- Md Erfanul Hoque, Student, University of Manitoba
1:15PM TO 2:45PM  CONCURRENT SESSION E

E3: CLINICAL- & PHARMACO-EPIDEMIOLOGY - ROOM: KC 303

E3 : ÉPIDÉMIOLOGIE CLINIQUE ET PHARMACO-ÉPIDÉMIOLOGIE

E3.1  PREDICTORS OF FRAGILITY FRACTURE AMONG CHRONIC ORAL GLUCOCORTICOID USERS IN ONTARIO

Presented by:
- Mohamed Amine Amiche, PhD candidate, Leslie Dan Faculty of Pharmacy, University of Toronto

E3.2  COMPARISON OF REGISTERED AND REPORTED OUTCOMES IN RANDOMIZED CLINICAL TRIALS PUBLISHED IN ANESTHESIOLOGY JOURNALS

Presented by:
- Jeffrey Chow, MSc (Epidemiology and Biostatistics) Student, The University of Western Ontario

E3.3  COGNITION AND MOTOR FUNCTION: A NOVEL OUTCOME MEASURE FOR STUDIES OF PRE-DEMENTIA SYNDROMES

Presented by:
- Jacqueline K. Kueper, M.Sc. Candidate, Western University

E3.4  PREVALENCE OF HIGH-RISK NODULES IN SCREENED INDIVIDUALS SELECTED ACCORDING TO STANDARD GUIDELINE CRITERIA VS. A LUNG CANCER RISK PREDICTION CALCULATOR IN THE ALBERTA LUNG CANCER SCREENING PROGRAM

Presented by:
- Niloofar Taghizadeh, Postdoctoral associate, Division of Respiratory Medicine and Charbonneau Cancer Research Institute, University of Calgary, Calgary, AB, Canada

E3.5  ONTARIO PHARMACY SMOKING CESSATION PROGRAM: MORE PHARMACIES NEED TO PARTICIPATE

Presented by:
- Lindsay Wong, MSc student, Leslie Dan Faculty of Pharmacy, University of Toronto
E4 : MALADIES INFECTIEUSES

E4.1 INDIVIDUAL LEVEL MODELLING OF INFECTIOUS DISEASE DATA: EPIILM
Presented by:
- Vineetha Warriyar Kodalore Vijayan, PhD candidate, Postdoctoral Fellow, University of Calgary

E4.2 EPIDEMIOLOGY OF REPORTED CASES OF ENTERIC PATHOGENS IN ALBERTA: 2013-2016
Presented by:
- Kate Snedeker, Surveillance Epidemiologist, Alberta Health Services

E4.3 INCORPORATING CONTACT NETWORK UNCERTAINTY IN INDIVIDUAL LEVEL MODELS OF INFECTIOUS DISEASE USING APPROXIMATE BAYESIAN COMPUTATION
Presented by:
- Waleed Almutiry, PhD candidate at Guelph university and visiting student at Calgary University, University of Guelph

E4.4 SPATIOTEMPORAL PATTERNS OF OCCURRENCE OF SHIGA-TOXIGENIC ESCHERICHIA COLI (STEC) IN SUBMITTED NON-MUNICIPAL DRINKING WATER FROM SOUTHERN ALBERTA
Presented by:
- Colin Reynolds, MSc Student, University of Alberta School of Public Health

E4.5 INVESTIGATING TRENDS IN THE EMERGENCE OF LYME DISEASE IN EASTERN ONTARIO
Presented by:
- Isha Narula, Student Researcher, University of Ottawa
THURSDAY, JUNE 1, 2017 (CONCURRENT SESSIONS)

4:00PM TO 5:30PM   CONCURRENT SESSION F

F1: PUBLIC HEALTH/POPULATION HEALTH - ROOM: KC 101/103

F1 : SANTÉ PUBLIQUE ET SANTÉ DE LA POPULATION

F1.1 ARE INDIGENOUS DETERMINANTS OF HEALTH ASSOCIATED WITH ANXIETY DISORDERS AMONG FIRST NATIONS ADULTS?: FINDINGS FROM THE 2012 ABORIGINAL PEOPLES SURVEY

Presented by:
- Ramanpreet Brar, Master’s Student, Western University

F1.2 ABORIGINAL WOMEN AND THE MINING INDUSTRY

Presented by:
- Raywat Deonandan, Assistant Professor, University of Ottawa

F1.3 CONSUMER ENGAGEMENT WITH ONLINE CANADIAN MEDIA COVERAGE OF SEASONAL INFLUENZA VACCINATION: AN EXPLORATORY STUDY OF USER GENERATED CONTENT IN WEB 2.0

Presented by:
- Reenika Aggarwal, Researcher, University of Waterloo

F1.4 CONNECTING PUBLIC HEALTH INTERVENTION DENSITY AND HEPATITIS C INCIDENCE RATES: A PROPOSED ECOLOGIC MULTIGROUP COMPARISON STUDY OF COMMUNITIES IN ONTARIO, 1991-2016

Presented by:
- Charlotte, McEwen, Student, Lakehead University

F2: CANCER - ROOM: KC 301

F2.1 EXPOSURE TO MEAT-DERIVED CARCINOGENS AND BULKY DNA ADDUCT LEVELS IN NORMAL-APPEARING COLON MUCOSA

Presented by:
- Vikki Ho, Assistant Professor/Research, University of Montreal/University of Montreal Hospital Research Center (CRCHUM)

F2.2 MAMMOGRAPHIC NON-DENSE AREA AND BREAST CANCER RISK: A CAUSAL INFERENCE APPROACH

Presented by:
- Héctor Velásquez García, Graduate Student, School of Population and Public Health

F2.3 IMPACT OF RESULTS FROM CANADIAN EPIDEMIOLOGIC STUDIES OF PESTICIDES AND CANCER ON RECENT ASSESSMENTS OF PESTICIDE CARCINOGENICITY BY THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC)

Presented by:
- Manisha Pahwa, Research Associate, Cancer Care Ontario

F2.4 SURVEILLANCE OF PROSTATE CANCER RISK BY OCCUPATION AND INDUSTRY: RESULTS FROM THE CANADIAN CENSUS HEALTH AND ENVIRONMENT COHORT (CanCHEC)

Presented by:
- Jeavana Sritharan, PhD Candidate, Occupational Cancer Research Centre, Cancer Care Ontario; Institute of Medical Science, University of Toronto

F2.5 HEIGHT DURING CHILDHOOD, ADOLESCENCE AND ADULTHOOD, AND PROSTATE CANCER RISK

Presented by:
- Marie-Elise Parent, Professor, Institut national de la recherche scientifique, University of Quebec
THURSDAY, JUNE 1, 2017 (CONCURRENT SESSIONS)

4:00PM TO 5:30PM   CONCURRENT SESSION F

F3: BIOSTATISTICS - ROOM: KC 303

F3 : BIOSTATISTIQUE

F3.1 GEO-DEPENDENT INDIVIDUAL-LEVEL MODELS FOR INFECTIOUS DISEASES TRANSMISSION
Presented by:
- Md Mahsin, Doctoral Student, University of Calgary

F3.2 TRAJECTORIES OF PHYSICAL AND PSYCHOSOCIAL FUNCTIONING IN CHILDREN WITH EPILEPSY: THE MODERATING ROLE OF PARENTAL DEPRESSION
Presented by:
- Anita Brobbey, PhD Student, University of Calgary

F3.3 INFLUENZA VACCINATION FORECAST IN NORTH ZONE, ALBERTA
Presented by:
- Zhengrong Li, Analyst, Alberta Health Services

F3.4 ESTIMATION OF SCREENING SENSITIVITY AND SOJOURN TIME FROM AN ORGANIZED SCREENING PROGRAM
Presented by:
- Huan Jiang, Biostatistician, Assistant Professor, Cancer Care Ontario

F3.5 EXPLORATION OF DIFFERENT ADAPTATION OF GENERALIZED ESTIMATING FOR THE ANALYSIS OF CLUSTERED LONGITUDINAL DATA
Presented by:
- Elmabrok Masaoud, Senior Statistician/ Adjunct Professor, Canadian Food Inspection Agency / University of Ottawa

F4: ENVIRONMENTAL & OCCUPATIONAL/SURVEILLANCE & SPATIAL EPIDEMIOLOGY - ROOM: KC 305

F4 : ÉPIDÉMIOLOGIE ENVIRONNEMENTALE ET PROFESSIONNELLE / ÉPIDÉMIOLOGIE SPATIALE ET DE LA SURVEILLANCE

F4.1 SMOKING CESSATION IN REGIONAL CANCER CENTRES: COLLECTION AND REPORTING OF DATA ON TOBACCO USE AND SMOKING CESSATION ACTIVITIES
Presented by:
- Mohammad Haque, Research Associate, Cancer Care Ontario

F4.2 AUTOMATION OF SYNDROMIC SURVEILLANCE: EARLY ABERRATION DETECTION SYSTEM (EADS) WITH ALBERTA REAL-TIME SYNDROMIC SURVEILLANCE NET (ARTSSN) - INFLUENZA-LIKE ILLNESS CASE
Presented by:
- Sarah Edwards, Director, Surveillance & Reporting, Alberta Health Services

F4.3 SPATIAL AND TEMPORAL ANALYSIS OF CHLAMYDIA TRACHOMATIS IN NEWFOUNDLAND AND LABRADOR (NL) AND ITS POTENTIAL LINKAGE TO MIGRATORY EMPLOYMENT.
Presented by:
- James Valcour, Associate Professor of Epidemiology, Memorial University of Newfoundland

F4.4 IMPACTS OF OTTAWA’S CENTRAL EXPERIMENTAL FARM ON AMBIENT AIR POLLUTION, AND TEMPERATURE: FINDINGS FROM A MOBILE MONITORING CAMPAIGN
Presented by:
- Keith Van Ryswyk, MSc candidate, Carleton University
POSTER PRESENTATIONS AT-A-GLANCE
1. IMPACT OF VITAMIN D INTAKE ON SERUM VITAMIN D STATUS IN CANADIAN BREAST CANCER PATIENTS
   Presented by:
   - Amit Manocha, PhD Candidate, Student Researcher, University of Calgary

2. METHODS FILTERS AND ‘AND NOT’ LIMITS FILTERS FOR SYSTEMATIC REVIEWS HAVE HIGH SENSITIVITY AND MARKEDLY REDUCE THE NUMBER OF ARTICLES NEED TO READ: AN ANALYTIC SURVEY
   Presented by:
   - Dalton Budhram, Undergraduate Student, McMaster University

3. ASSOCIATIONS BETWEEN SPOUSES’ HEALTH BEHAVIOURS BEFORE AND AFTER ONE PARTNER IS DIAGNOSED WITH DIABETES: RESULTS FROM THE LIFELINES COHORT STUDY
   Presented by:
   - Rachel Burns, Postdoctoral Fellow, McGill University

4. TRANSDERMAL NITROGLYCERIN THERAPY IN LOWER LIMB PERIPHERAL ARTERIAL DISEASE: A SYSTEMATIC REVIEW
   Presented by:
   - Michael Caputo, Medical Student, Northern Ontario School of Medicine

5. SUPERVISOR AND ORGANIZATIONAL FACTORS ASSOCIATED WITH JOB MODIFICATIONS
   Presented by:
   - Catherine Chambers-Bedard, MPH Candidate, Lakehead University

6. THE COMBINED EFFECT OF SOCIOECONOMIC STATUS AND COMPENSATION POLICY ON RETURN TO WORK.
   Presented by:
   - Catherine Chambers-Bedard, MPH Candidate, Lakehead University

7. FALLS AND FEAR OF FALLING IN OLDER ADULTS AFTER TOTAL JOINT ARTHROPLASTY
   Presented by:
   - Serena Chen, Graduate Student, University of Alberta School of Public Health

8. DIABETES SIGNIFICANTLY INCREASES THE RISK OF DEPRESSION IN LONGITUDINAL STUDIES: SYSTEMATIC REVIEW, META-ANALYSIS AND POPULATION ATTRIBUTABLE FRACTIONS.
   Presented by:
   - Batholomew Chireh, Student, University of Saskatchewan

9. EVALUATING TNM STAGE PROGNOSTIC ABILITY IN A POPULATION-BASED COHORT OF GASTRIC CANCER PATIENTS IN A LOW INCIDENCE COUNTRY
   Presented by:
   - Alyson Mahar, Postdoctoral Research Associate, Sunnybrook Health Sciences Centre

10. MENTAL HEALTH STATUS AND SERVICE UTILIZATION AMONG ETHNIC GROUPS IN ONTARIO, CANADA
    Presented by:
    - Jenny Gatov, Epidemiologist, Institute for Clinical Evaluative Sciences

11. FACTORS ASSOCIATED WITH SHORTER NIGHT-TIME SLEEP IN TODDLERS: THE SURVEY OF YOUNG CANADIANS (SYC)
    Presented by:
    - Christy Costanian, PhD Student, York University
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<td>Writing Skills Enhancement for Public Health Professionals in Rwanda</td>
<td>Raywat Deonandan, Assistant Professor, University of Ottawa</td>
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<td>13</td>
<td>Advanced Maternal Age: Ethical and Medical Considerations for Assisted Reproductive Technology</td>
<td>Raywat Deonandan, Assistant Professor, University of Ottawa</td>
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<td>14</td>
<td>Post-Colonoscopy Colorectal Cancers. A Step Towards Identification of Root Causes and Potential Points of Interventions</td>
<td>Saiganesh Dhannewar, Research Assistant, University of Alberta</td>
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<td>15</td>
<td>Handling Uncertainty in Trial-Based Economic Evaluations: A Review of the Use of Statistical Methods</td>
<td>Juan Pablo Diaz-Martinez, Student, McMaster University</td>
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<td>Reach and Pattern of Use of Assisted Methods of Smokers Quitting in Ontario</td>
<td>Sarah Edwards, Director, Surveillance and Reporting, Alberta Health Services</td>
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<td>Breast Cancer Survival by Molecular Subtype in Ontario, Canada: A Population-Based Analysis of Cancer Registry Data</td>
<td>Saber Fallahpour, Senior Research Associate, Cancer Care Ontario</td>
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<td>The Association Between Social Participation and Depression Symptoms Among Middle-Aged and Elderly Chinese Adults</td>
<td>Mingying Fangr, Ph.D candidate, University of Waterloo</td>
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<td>19</td>
<td>HIV and Syphilis Prevalence and Risk Factors Among Drug Users: Results of Respondent-Driven Sampling in Guangzhou</td>
<td>Mingying Fangr, Ph.D candidate, University of Waterloo</td>
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<td>An Assessment of the Effectiveness of Epidemiology Online Distance Learning</td>
<td>Mateo Farfan, Student, University of Ottawa</td>
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<td>Psychosocial Outcomes Twelve Months Following a Dose-Response Aerobic Exercise Intervention in Postmenopausal Women</td>
<td>Megan Farris, Epidemiology Research Associate/ Project Coordinator, Alberta Health Services</td>
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<td>22</td>
<td>The Alberta Moving Beyond Breast Cancer (Amber) Cohort Study: Recruitment, Assessment, and Description of the First 1023 Participants</td>
<td>Megan Farris, Epidemiology Research Associate/ Project Coordinator, Alberta Health Services</td>
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<td>23</td>
<td>INTERVENTIONS FOR REDUCING THE DURATION OF THE ACUTE DIARRHEA AND GASTROENTERITIS IN CHILDREN: A NETWORK META-ANALYSIS</td>
<td>Ivan D. Florez, PhD Student, McMaster University</td>
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<td>24</td>
<td>WEIGHT TRAJECTORIES, ADIPOSIITY MEASUREMENTS OF OBESITY AND SURVIVAL AFTER PROSTATE CANCER DIAGNOSIS</td>
<td>Christine Friedenreich, Scientific Leader, Alberta Health Services</td>
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<td>25</td>
<td>IMPROVING LEGIONELLOSIS SPATIAL CLUSTER DETECTION USING MULTIPLE EXPOSURE ADDRESSES PER CASE</td>
<td>Lennon Li, Biostatistical Specialist, Public Health Ontario</td>
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<td>26</td>
<td>CANCER SCREENING AND PERCEIVED SUSCEPTIBILITY OF DEVELOPING CANCER: A CROSS-SECTIONAL ANALYSIS OF THE ALBERTA TOMORROW PROJECT</td>
<td>Meghan Gilfoyle, Student, University of Waterloo</td>
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<td>QUALITY OF WEB-BASED INFORMATION FOR THE 10 MOST COMMON FRACTURES</td>
<td>Lydia Ginsberg, Research Assistant/Student, McMaster University</td>
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<td>IS QUALITY OF DIABETES CARE ASSOCIATED WITH DEPRESSIVE SYMPTOMS IN ADULTS WITH DIABETES? A STUDY OF 19 EUROPEAN COUNTRIES</td>
<td>Eva Graham, PhD Candidate, Epidemiology, McGill University</td>
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<td>IDENTIFYING RELEVANT POPULATION-BASED INTERVENTION PROGRAMS TO IMPACT THE PREVALENCE OF CANCER-RELATED LIFESTYLE RISK FACTORS IN CANADA</td>
<td>Xin Grevers, Research study coordinator, Alberta Health Services</td>
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<td>A MULTI-CENTRE RETROSPECTIVE STUDY OF EVALUATION TIMES IN PRIOR LIVING KIDNEY DONORS</td>
<td>Steven Habbous, PhD student, Western University</td>
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<td>MEAT-DERIVED CARCINOGENS AND THE RISK OF COLORECTAL CANCER; A META-ANALYSIS.</td>
<td>Vikki Ho, Assistant Professor/Research, University of Montreal/University of Montreal Hospital Research Center (CRCHUM)</td>
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<td>THE ASSOCIATION BETWEEN FREQUENCY OF RELIGIOUS PARTICIPATION AND COGNITIVE FUNCTION: PRELIMINARY ANALYSIS OF THE CANADIAN LONGITUDINAL STUDY ON AGING</td>
<td>Shera Hosseini, Graduate Student, University of Waterloo</td>
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<td>33</td>
<td>STUDYING CYCLE TRACKS AND CYCLIST SAFETY IN TORONTO THROUGH ONLINE DATA MINING</td>
<td>Martha Hunter, Master’s Student, Lakehead University</td>
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<td>Long-Term Risk of Recurrence After Discontinuing Anticoagulants for a First Unprovoked Venous Thromboembolism: A Systematic Review and Meta-Analysis</td>
<td>Faizan Khan, Master of Science Student, University of Ottawa</td>
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<td>Statistical Methods for Projecting Lifestyle Exposure Prevalence Trends in Canada</td>
<td>Farah Khandwala, Statistical Associate, Alberta Health Services</td>
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<td>Factors Influencing Employer Participation in Research</td>
<td>Vicki Kristman, Associate Professor, Lakehead University</td>
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<td>37</td>
<td>Susceptibility of Depression Among Canadian University Students</td>
<td>Philip Lam, Health Science Student, University of Ottawa</td>
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<td>Health in the Rural Towns of Lima, Peru</td>
<td>Philip Lam, Health Science Student, University of Ottawa</td>
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<td>39</td>
<td>Beall’s List: A Viable Tool for Identifying Predatory Science Journals?</td>
<td>Meghan Laverty, Student, University of Ottawa</td>
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<td>40</td>
<td>The Relationship Between Age and Serum Vitamin D Status in a Population-Based Cohort of Canadian Breast Cancer Patients</td>
<td>Nicholas Massaro, Student, University of Calgary</td>
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<td>41</td>
<td>Trends in Serum Vitamin D in a Population-Based Cohort of Albertan Breast Cancer Patients</td>
<td>Heather Merry, Statistical Research Associate, Alberta Health Services</td>
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<td>Selective Outcome Reporting in Randomized Controlled Trials of Lung Cancer Immunotherapy</td>
<td>Reenika Aggarwal, Researcher, University of Waterloo</td>
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<td>43</td>
<td>Clinical Utility of Serum 25-Hydroxyvitamin D in the Diagnosis of Insulin Resistance: A Cross-Sectional Analysis of NHANES, 2001-2010</td>
<td>Banaz Al-khalidi, PhD Candidate, York University</td>
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<td>44</td>
<td>Precision Remodelling and Determining Cut-Off Scores of the Iowa Infant Feeding Attitude Scale to Improve Clinical Use and Efficacy among Prenatal Women in Canada</td>
<td>Nour AlKusayer, Graduate student, Memorial University of Newfoundland and Labrador</td>
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# Poster Presentations - KC Galleria 200

## 3:15 PM to 4:30 PM

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<td><strong>EFFECTIVENESS OF ORAL BISPHOSPHONATES IN REDUCING FRACTURE RISK AMONG CHRONIC ORAL GLUCOCORTICOID USERS: A POPULATION-BASED STUDY</strong></td>
<td>- Mohamed Amine Amiche, PhD candidate, Leslie Dan Faculty of Pharmacy, University of Toronto</td>
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<td>46</td>
<td><strong>THE EFFECTS OF PHACOEMULSIFICATION ON INTRA-OCULAR PRESSURE AND TOPICAL MEDICATION USE IN PATIENTS WITH GLAUCOMA: A SYSTEMATIC REVIEW AND META-ANALYSIS THREE-YEAR DATA</strong></td>
<td>- James Armstrong, MD/PhD Candidate, Schulich School of Medicine</td>
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<td>47</td>
<td><strong>DEPRESSIVE SYMPTOMATOLOGY AND LIFELONG MUSIC EXPERIENCE: A CROSS-SECTIONAL STUDY</strong></td>
<td>- Jennifer Asselstine, M.HSc. Candidate/Graduate Assistant, Lakehead University</td>
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<td>48</td>
<td><strong>THE RIVERMEAD POST-CONCUSSION QUESTIONNAIRE PREDICTS SOCIAL, MENTAL, AND OVERALL SELF-REPORTED RECOVERY SIX MONTHS AFTER MILD TRAUMATIC BRAIN INJURY IN OLDER ADULTS</strong></td>
<td>- Jennifer Asselstine, M.HSc. Candidate/Graduate Assistant, Lakehead University</td>
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<td>49</td>
<td><strong>TRANSGENDER-INCLUSIVE MEASURES OF SEX/GENDER FOR POPULATION HEALTH SURVEYS: EVALUATION AND RECOMMENDATIONS</strong></td>
<td>- Greta Bauer, Associate Professor and Graduate Chair, Epidemiology and Biostatistics, Western University</td>
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<td>50</td>
<td><strong>DATA PRIVACY AND RESEARCH: NEW CHALLENGES FROM THE COURTS</strong></td>
<td>- Greta Bauer, Associate Professor and Graduate Chair, Epidemiology and Biostatistics, Western University</td>
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<td>51</td>
<td><strong>ANNUAL VERSUS BIENNIAL SCREENING: PERFORMANCE MEASURES IN CONCURRENT COHORTS WITHIN THE ONTARIO BREAST SCREENING PROGRAM</strong></td>
<td>- Kristina Blackmore, Research Associate, Cancer Care Ontario</td>
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<td>52</td>
<td><strong>PREDICTORS OF ADHERENCE TO POSITIVE AIRWAY PRESSURE THERAPY IN CHILDREN: A SYSTEMATIC REVIEW</strong></td>
<td>- Henrietta Blinder, Epidemiology Graduate Student, University of Ottawa</td>
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<td>53</td>
<td><strong>OCCUPATIONAL EXPOSURE TO SILICA AND THE RISK OF KIDNEY CANCER</strong></td>
<td>- Laura Bogaert, Student, University of Toronto</td>
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<td>54</td>
<td><strong>ARE PHYSICAL ACTIVITY AND CONSUMPTION OF FRUITS AND VEGETABLES ASSOCIATED WITH GLAUCOMA?</strong></td>
<td>- Ramanpreet Brar, Master’s Student, Western University</td>
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<td>55</td>
<td><strong>PROJECTING CANCER INCIDENCE IN CANADA: LOOKING BACK TO THE FUTURE</strong></td>
<td>- Abbey Poirier, Epidemiology Research Associate, Alberta Health Services</td>
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<td>Tailoring the World Health Organization Surgical Safety Checklist to Pediatrics: An Implementation and Evaluation Study Proposal</td>
<td>Laura Rivera, Research Associate, O’Brien Institute for Public Health, University of Calgary</td>
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<td>An Audit of Implanted Device-Associated Infections at the Alberta Children’s Hospital: A Mixed Chart Review/Electronic Administrative Data Study</td>
<td>Hasan Abdullah, Research Assistant, University of Calgary; Ashleigh Gibb, Research Assistant, University of Calgary</td>
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<td>Area-Level Deprivation and Dental Health Related Emergency Department Visits in Alberta, 2011 to 2015</td>
<td>Mei Zhang, Senior Analyst, Alberta Health Services</td>
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<td>Suicide and Suicide-Related Health Care Utilization in Alberta: An Analysis of Rates and Trends from 2011 to 2015</td>
<td>Julie Zhang, Alberta Health Services</td>
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THURSDAY, JUNE 1, 2017

2:45PM TO 4:00PM POSTER PRESENTERS - KC GALLERIA 200

1 DEVELOPING INTEGRATED SPATIOTEMPORAL SURVEILLANCE SYSTEMS: A PROTOTYPE USING INFLUENZA DATA  
Presented by:  
- Lennon Li, Biostatistical Specialist, Public Health Ontario

2 MEASUREMENT INVARINANCE OF THE MEDICAL OUTCOMES STUDY SOCIAL SUPPORT SURVEY IN CORONARY ARTERY DISEASE  
Presented by:  
- Zhiying Liang, Department of Community Health Institute for Public Health, University of Calgary

3 ADULT PRIMARY CARE USERS WITH AND WITHOUT BODY MASS INDEX IN ELECTRONIC MEDICAL RECORDS FROM THE MANITOBA PRIMARY CARE RESEARCH NETWORK  
Presented by:  
- Lisa Lix, Surgeon, Professor, University of Manitoba

4 AGE AND SEX INFLUENCES ON HEALTH CARE UTILIZATION THROUGH THE ONTARIO TELEMEDICINE NETWORK  
Presented by:  
- Jessica Lowey, Student, Lakehead University

5 DO HEALTH LINK CALLS PREDICT EMERGENCY DEPARTMENT VISITS FOR INFLUENZA-LIKE ILLNESS  
Presented by:  
- Andrew Macmillan, Surveillance Analyst, Alberta Health Services

6 IMPROVING ACCESS FOR URGENT SURGICAL CASES AT THE ALBERTA CHILDREN’S HOSPITAL: A REALIST REVIEW  
Presented by:  
- Ali MacRobie, Research Assistant, University of Calgary

7 THE ASSOCIATION BETWEEN BEHAVIOURS IN ALZHEIMER’S DISEASE AND CAREGIVER HEALTH-RELATED QUALITY-OF-LIFE: A CROSS-SECTIONAL STUDY  
Presented by:  
- Melissa Majoni, Student, University of Waterloo

8 QUANTITATIVE RISK-BASED SAMPLING APPROACH FOR LISTERIA MONOCYTOGENES IN READY-TO-EAT MEAT AND POULTRY PRODUCTS  
Presented by:  
- Elmabrok Masaoud, Surgeon, Senior Statistician/ Adjunct Professor, Canadian Food Inspection Agency / University of Ottawa

9 WHO CARES: THE IMPACT OF SUSPECTED MINING-RELATED LUNG CANCER ON CAREGIVERS?  
Presented by:  
- Nancy Lightfoot, Associate Professor, Laurentian University
### 2:45PM TO 4:00PM  POSTER PRESENTERS - KC GALLERIA 200

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<td>SYSTEMATIC REVIEW OF DEPRESSION AS AN OUTCOME OF MILD TRAUMATIC BRAIN INJURY (MTBI): AN EXTENSION OF THE RESULTS OF THE INTERNATIONAL COLLABORATION ON MILD TRAUMATIC BRAIN INJURY PROGNOSIS (ICOMP)</td>
<td>- Charlotte McEwen, Student, Lakehead University</td>
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<td>GESTATIONAL DIABETES AND RISK OF CARDIOVASCULAR DISEASE LATER IN LIFE: A RETROSPECTIVE COHORT STUDY</td>
<td>- Safyer McKenzie-Sampson, Master's student, McGill University</td>
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<td>DETERMINANTS OF MATERNAL MORTALITY: A COMPARISON OF GEOGRAPHIC DIFFERENCES IN NORTHERN AND SOUTHERN REGIONS OF CAMEROON</td>
<td>- Catherine Meh, Student, Western University</td>
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<td>EXAMINING THE CONCURRENT IMPACT OF MULTIPLE HEALTHY WEIGHT BEHAVIOURS ON OVERWEIGHT AND OBESITY AMONG ONTARIO’S ADOLESCENTS</td>
<td>- Sandya Menon, Research Assistant, Public Health Ontario</td>
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<td>EVOLUTION, FROM CHILDHOOD TO YOUNG ADULTHOOD, OF ASTHMA PHENOTYPES DEFINED BY UTILIZATION OF HEALTH SERVICES IN A PROVINCE-WIDE BIRTH COHORT IN QUEBEC</td>
<td>- Miceline Mesidor, Student, Montreal University</td>
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<td>INFLUENCE OF DIETARY ANTIOXIDANT AND OXIDANT INTAKE ON LEUKOCYTE TELOMERE LENGTH</td>
<td>- Alexis Mickle, Graduate Student, Alberta Health Services</td>
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<td>RELIGION/SPIRITUALITY AND CANCER SCREENING IN THE ALBERTA TOMORROW PROJECT: AN EXPLORATORY ANALYSIS OF BASELINE DATA</td>
<td>- Susan Mirabi, Student, University of Waterloo</td>
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<td>LINKING GENOME WIDE ASSOCIATION STUDIES AND RNA VIA EXPRESSION QUANTITATIVE TRAIT LOCI, WITH AN APPLICATION TO A STUDY OF INFLAMATORY BOWEL DISEASE</td>
<td>- Fahimeh Moradi, Msc Student, University of Alberta</td>
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<td>PREVENTING RESIDUAL CONFOUNDING IN STUDIES OF COMPOSITE EXPOSURES: AN EXAMPLE FROM QUEBEC’S CHILDCARE PROGRAM</td>
<td>- Tanya Murphy, PhD student, McGill University</td>
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<td>ASSESSING A BAN ON THE USE OF UV TANNING EQUIPMENT AMONG ADOLESCENTS IN ONTARIO, CANADA: FIRST YEAR RESULTS</td>
<td>- Victoria Nadalin, Senior Research Associate, Cancer Care Ontario</td>
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<td>EXERCISE DOSE EFFECTS ON ADIPOSITY PERSIST 12 MONTHS AFTER AN EXERCISE INTERVENTION IN POSTMENOPAUSAL WOMEN</td>
<td>- Heather Neilson, Research Associate, Alberta Health Services</td>
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<td>COMORBID SUBSTANCE USE DISORDERS, MAJOR DEPRESSION AND GENERALIZED ANXIETY DISORDERS IN NATIONALLY REPRESENTATIVE SAMPLES: A SYSTEMATIC REVIEW AND META-ANALYSIS</td>
<td>- Vivian Onaemo, Student, University of Saskatchewan</td>
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<td>ALCOHOL DEPENDENCE AND THE PERSISTENCE OF MAJOR DEPRESSION</td>
<td>- Vivian Onaemo, Student, University of Saskatchewan</td>
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<td>SOURCE ATTRIBUTION OF FOODBORNE SHIGA TOXIN-PRODUCING ESCHERICHIA COLI INFECTION USING A META-ANALYSIS OF CASE-CONTROL STUDIES OF SPORADIC INFECTIONS: A PROTOCOL</td>
<td>- Carolina Oremus, Postdoctoral Fellow, University of Waterloo</td>
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<td>SKIN CANCER IN CANADA ATTRIBUTABLE TO ULTRAVIOLET RADIATION, INDOOR TANNING, AND SUN BEHAVIOUR HABITS</td>
<td>- Dylan O'Sullivan, PhD Candidate, Queen's University</td>
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<td>A QUALITY ASSESSMENT OF HEALTH MANAGEMENT INFORMATION SYSTEM (HMIS) DATA FOR MATERNAL AND CHILD HEALTH IN JIMMA ZONE, ETHIOPIA</td>
<td>- Mariame Ouedraogo, MSc Student in Epidemiology, University of Ottawa, School of Epidemiology, Public Health and Preventive Medicine</td>
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<td>INCREASING AND BALANCING THE POWER OF MULTIPLE TESTS IN OPTIMAL TREATMENT DURATION CLINICAL TRIALS -- A NEW ANALYSIS PLAN WHEN THESE DURATIONS HAVE OVERLAPS</td>
<td>- Yongdong Ouyang, Student, University of British Columbia</td>
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<td>SEDENTARY WORK AND THE RISKS OF COLON AND RECTAL CANCER BY ANATOMICAL SUB-SITE IN THE CANADIAN CENSUS HEALTH AND ENVIRONMENT COHORT (CANCHEC)</td>
<td>- Manisha Pahwa, Research Associate, Cancer Care Ontario</td>
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<td>RISK FACTORS FOR HEALTHCARE-ASSOCIATED CLOSTRIDIUM DIFFICILE INFECTION (HA-CDI), 2013-2015, SCARBOROUGH AND ROUGE HOSPITAL (SRH)</td>
<td>- Senthuri Paramalingam, Clinical Epidemiologist, The Scarborough and Rouge Hospital</td>
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<td>IMPROVING THE CANADIAN INSTITUTE FOR HEALTH RESEARCH’S (CIHR) GRANT APPLICATIONS: A SWOT ANALYSIS OF THE POLICIES GOVERNING THE FUNDING PROCESS</td>
<td>Raywat Deonandan, Assistant Professor, University of Ottawa</td>
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<td>HOW WE MEASURE CANCER IN FIRST NATIONS, INUIT AND MÉTIS COMMUNITIES: A KNOWLEDGE EXCHANGE PROJECT</td>
<td>Maegan Prummel, Senior Research Associate, Cancer Care Ontario</td>
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<td>SUBSTANCE USE DISORDER AMONG EMERGING AND YOUNG ADULTS: AN EPIDEMIOLOGICAL STUDY</td>
<td>Rana Qadeer, Student, McMaster University</td>
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<td>EVIDENCE REVERSAL AND RANDOMIZED CONTROLLED TRIALS WITHIN THE NEW ENGLAND JOURNAL OF MEDICINE: AN ANALYSIS OF TRIAL CHARACTERISTICS FROM 2000 TO 2016</td>
<td>Riaz Qureshi, Student, University of Western Ontario</td>
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<td>A SIMULATION STUDY TO ASSESS THE IMPACT ON SCREENING RESULTS OF INTRODUCING NEXT-GENERATION SEQUENCING TECHNOLOGY INTO NEWBORN SCREENING</td>
<td>Alvi Rahman, MSc. Student, University of Ottawa</td>
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<td>LEVERAGING CLINICAL INFORMATION SYSTEMS TO FACILITATE KNOWLEDGE TRANSLATION IN EMERGENCY MEDICINE</td>
<td>Laura Rivera, Research Associate, University of Calgary</td>
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<td>A COMPARISON OF CENTRAL AND DISSEMINATED SCHOOL ABSENTEEISM SYNDROMIC SURVEILLANCE PUBLIC HEALTH PRACTICE IN TWO CANADIAN PROVINCES</td>
<td>Laura Rivera, Research Associate, University of Calgary</td>
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<td>ESTIMATING COMBINED POPULATION ATTRIBUTABLE RISKS FOR MULTIPLE LIFESTYLE RISK FACTORS: EXAMINING RISK OF COLORECTAL CANCER IN ALBERTA</td>
<td>Yibing Ruan, Statistical Associate, Alberta Health Services</td>
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<td>OCCUPATIONAL CANCER IN ONTARIO: RISK FACTORS AND PREVENTION</td>
<td>Elizabeth Rydz, Research Associate, Cancer Care Ontario</td>
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<td>RISKS AND BENEFITS OF MOOD-STABILIZER TREATMENT IN PREGNANT WOMEN WITH BIPOLAR DISORDER: A POPULATION-BASED COHORT STUDY</td>
<td>Misbah Salim, Masters Student Western University</td>
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THURSDAY, JUNE 1, 2017

2:45PM TO 4:00PM  POSTER PRESENTERS - KC GALLERIA 200

39  LIFETIME CAFFEINE INTAKE AND THE RISK OF EPITHELIAL OVARIAN CANCER
    Presented by:
    - Simran Sandhu, MSc. Epidemiology Candidate, Queen's University

40  ALZHEIMER’S DISEASE AND RELATED DEMENTIA IN INDIGENOUS POPULATIONS: A SYSTEMATIC REVIEW OF RISK FACTORS
    Presented by:
    - Grace Scott, Student, Laurentian University

41  INTAKE OF DIETARY FIBRE AND LIFETIME NONSTEROIDAL ANTI-INFLAMMATORY DRUG (NSAID) USE AND THE INCIDENCE OF COLORECTAL POLYPS IN A POPULATION SCREENED FOR COLORECTAL CANCER
    Presented by:
    - Eileen Shaw, Research Associate, Alberta Health Services

42  THE EFFECT OF PERCEIVED STRESS ON CANCER INCIDENCE USING DATA FROM ALBERTA’S TOMORROW PROJECT
    Presented by:
    - Eileen Shaw, Research Associate, Alberta Health Services

43  THE CROSSOVER DESIGN FOR STUDIES OF INFERTILITY: A METHODOLOGICAL APPRAISAL
    Presented by:
    - Daniel Shi, Undergraduate Student, McMaster University

44  EFFECTS OF AMBIENT AIR POLLUTION ON INCIDENT PARKINSON’S DISEASE IN ONTARIO, 2001 TO 2013: A POPULATION-BASED COHORT STUDY
    Presented by:
    - Sae Ha Shin, Student, Public Health Ontario

45  THE IMPACT OF ORGANIZED BREAST ASSESSMENT ON OVERALL SURVIVAL BY STAGE FOR SCREENED WOMEN DIAGNOSED WITH INVASIVE BREAST CANCER
    Presented by:
    - Courtney R. Smith, Research Associate, Cancer Care Ontario

46  USING TABLEAU DASHBOARDS TO COMMUNICATE ENTERIC PATHOGEN SURVEILLANCE INFORMATION
    Presented by:
    - Kate Snedeker, Surveillance Epidemiologist, Alberta Health Services

47  ASSESSMENT OF AN ALGORITHM FOR DETECTING HIGHER THAN EXPECTED COUNTS OF ENTERIC PATHOGENS IN ALBERTA
    Presented by:
    - Kate Snedeker, Surveillance Epidemiologist, Alberta Health Services

48  MATERNAL HEALTH CARE ACCESS IN RURAL COMMUNITIES IN SOUTHWESTERN UGANDA: ANENATAL CARE (ANC) ATTENDANCE AND DELIVERY EXPERIENCES AMONG INDIGENOUS BATWA AND NON-INDIGENOUS BAKIGA WOMEN
    Presented by:
    - Vivienne Steele, Student (Masters), University of Guelph
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<td>Determinants of Physical Activity in a Cohort of Prostate Cancer Survivors</td>
<td>Chelsea Stone</td>
<td>Masters Student, Alberta Health Services</td>
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<td>The Effect of Synthetic Oxytocin Used for Induction or Augmentation of Labor on Early Breastfeeding Initiation and Continuation: A Systematic Review and Meta-Analysis</td>
<td>Anusree Subramonian</td>
<td>Msc. Clinical epidemiology student, Memorial University of Newfoundland</td>
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<td>Socioeconomic Status and Risk Perceptions of Smoking: A Systematic Review</td>
<td>Imran Syed</td>
<td>Student, Centre for Addiction Mental Health; University of Western Ontario Department of Epidemiology and Biostatistics</td>
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<td>Investigating the Value of a Tailored Knowledge Synthesis Approach for Rare Diseases: Focus Groups with Various Stakeholders</td>
<td>Kylie Tingley</td>
<td>PhD candidate, University of Ottawa</td>
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<td>Mathematical Modelling of the West African Ebola Virus Epidemic</td>
<td>John Marcello Colabella</td>
<td>Student, Mount Royal University</td>
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<td>Prediction of Neonatal Sepsis Using Newborn Screening Analyte Data</td>
<td>Lindsay Wilson</td>
<td>Research Assistant, Ottawa Hospital Research Institute</td>
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<td>55</td>
<td>Exploring the Relationship Between Newborn Screening Analytes and Childhood Outcomes Related to Autism Spectrum Disorders</td>
<td>Lindsay Wilson</td>
<td>Research Assistant, Ottawa Hospital Research Institute</td>
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<td>Subtle Degrees of Frailty Result in Adverse Cardiac Surgery Outcomes</td>
<td>Emma Wilson-Pease</td>
<td>Research Assistant, Nova Scotia Health Authority</td>
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<td>Breast Cancer Risk and Stage at Diagnosis Among Immigrant and Non-Immigrant Women in British Columbia</td>
<td>Ryan Woods</td>
<td>PHD Student, University of British Columbia/BC Cancer Agency</td>
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<td>Fall Risk Classification in Community-Dwelling Older Adults Using a Smart Wearable and the Resident Assessment Instrument (RAI) System</td>
<td>Rena Yang</td>
<td>Graduate Student, University of Waterloo</td>
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<td>Spatial Associations Between Metrics of Noise, and Traffic-Related Air Pollution: A Passive Monitoring Campaign in Ottawa, Canada</td>
<td>Natasha Prince</td>
<td>M.Sc. candidate, Carleton University</td>
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