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

ICNODES

GOLD

McGill University
Division of Cancer Epidemiology
(east. 1888)

McGill
Department of
Epidemiology, Biostatistics
and Occupational Health

Institut de recherche
Conseil 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

UNIVERSITY OF CALGARY
CANADIAN PARTNERSHIP
AGAINST CANCER

PARTENARIAT CANADIEN
CONTRE LE CANCER

UNIVERSITY OF
CALGARY

ADVENT HEALTH
SERVICES

Arnie Charbonneau
Cancer Institute

BRONZE

Epidemiology
and Biostatistics

Schulich
School of Medicine

Western
CSEB WISHES TO THANK THE CONFERENCE SPONSORS FOR THEIR GENEROUS SUPPORT!

EXHIBIT BOOTH

COMMUNITY FRIEND
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ACKNOWLEDGEMENTS

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Suzanne Tyas
James Valcour
Sarah Wallingford
Christy Woolcott
# PROGRAM AGENDA

**TUESDAY, MAY 30, 2017 (PRE-CONFERENCE DAY)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30AM TO 9:00AM</td>
<td>BREAKFAST - VISTAS RESTAURANT (SALLY BORDEN BUILDING)</td>
</tr>
<tr>
<td>9:00AM TO 12:00PM</td>
<td>MORNING WORKSHOP SERIES</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 305

2. NOVEL METHODS IN GENETIC EPIDEMIOLOGY  
   **Presented by: DR. DAVID MEYRE, McMaster University**

### ROOM: KC 301

3. UNDERSTANDING THE ROLE AND VALUE OF QUALITATIVE RESEARCH: AN INTRODUCTION TO AN ALTERNATE PARADIGM  
   **Presented by: DR. KATRINA MILANNEY, 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>12:30PM TO 1:00PM</th>
<th>LUNCH - VISTAS RESTAURANT (SALLY BORDEN BUILDING)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00PM TO 4:00PM</td>
<td>AFTERNOON WORKSHOP SERIES</td>
</tr>
<tr>
<td></td>
<td><strong>1. SAS INTEGRATION WITH OPEN SOURCE STATISTICAL SOFTWARE</strong></td>
</tr>
<tr>
<td></td>
<td><em>Presented by: NATHANIEL KENNEDY-NOBLE, Data Sciences Associate</em></td>
</tr>
<tr>
<td></td>
<td>SAS has been integrated with several open source programing languages for many years. This workshop will review how SAS is integrated with two key programing 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></td>
<td><strong>ROOM: KC 303</strong></td>
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<tr>
<td></td>
<td><strong>2. EVIDENCE-BASED MEDICINE IN 2017 - IS IT MAKING THE GRADE?</strong></td>
</tr>
<tr>
<td></td>
<td><em>Presented by: DR. EDDY LANG, Professor and Department Head for Emergency Medicine Cumming School of Medicine, University of Calgary Alberta Health Services, Calgary Zone</em></td>
</tr>
<tr>
<td></td>
<td>By the end of this session participants will:</td>
</tr>
<tr>
<td></td>
<td>1. Have an understanding of the evolution of EBM as a force in shaping healthcare delivery and policy</td>
</tr>
<tr>
<td></td>
<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>
</tr>
<tr>
<td></td>
<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>
</tr>
<tr>
<td></td>
<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 an its limitations as well as practical tools for its use in support of clinical decision-making and health policy development.</td>
</tr>
<tr>
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<td><strong>ROOM: KC 305</strong></td>
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<tr>
<td></td>
<td><strong>5:30PM TO 7:00PM</strong></td>
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<tr>
<td></td>
<td><strong>WELCOME RECEPTION &amp; PRE-REGISTRATION - KC GALLERIA 200</strong></td>
</tr>
<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>
WEDNESDAY, MAY 31, 2017 (CONFERENCE DAY 1)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:30AM TO 8:30AM</td>
<td>BREAKFAST - VISTAS RESTAURANT (SALLY BORDEN BUILDING)</td>
</tr>
<tr>
<td>8:30AM TO 10:30AM</td>
<td>PLENARY SESSIONS</td>
</tr>
<tr>
<td>ROOM: KC 101/103</td>
<td>EPIGENETICS KEYNOTE PRESENTATION</td>
</tr>
<tr>
<td></td>
<td>Presented by: <strong>DR. DAVID MEYRE</strong>, McMaster University</td>
</tr>
<tr>
<td>ROOM: KC 101/103</td>
<td>CHALLENGES AND OPPORTUNITIES FOR SOCIAL EPIDEMIOLOGY</td>
</tr>
<tr>
<td></td>
<td>Presented by: <strong>DR. ANA DIEZ ROUX</strong>, MD, PhD, MPH, Dean and Distinguished Professor of Epidemiology, Dornsife School of Public Health, Drexel University</td>
</tr>
<tr>
<td></td>
<td>1. To be aware of the epidemiological evidence on the social determinants of health</td>
</tr>
<tr>
<td></td>
<td>2. To understand the challenges in using epidemiological methods to undress at the social determinants of health</td>
</tr>
<tr>
<td></td>
<td>3. To identify promising new directions</td>
</tr>
<tr>
<td>10:30AM TO 11:00AM</td>
<td>COFFEE BREAK - KC GALLERIA 200</td>
</tr>
<tr>
<td>11:00AM TO 12:30PM</td>
<td>CONCURRENT SESSIONS A</td>
</tr>
<tr>
<td>ROOM: KC 101/103</td>
<td>A1: Environmental &amp; Occupational</td>
</tr>
<tr>
<td>ROOM: KC 301</td>
<td>A2: Public Health/Population Health</td>
</tr>
<tr>
<td>ROOM: KC 303</td>
<td>A3: Epidemiologic Methods</td>
</tr>
<tr>
<td>ROOM: KC 305</td>
<td>A4: Knowledge Transfer/Exchange</td>
</tr>
<tr>
<td>12:30PM TO 1:45PM</td>
<td>LUNCH - VISTAS RESTAURANT (SALLY BORDEN BUILDING)</td>
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<tr>
<td>1:45PM TO 3:15PM</td>
<td>CONCURRENT SESSIONS B</td>
</tr>
<tr>
<td>ROOM: KC 101/103</td>
<td>B1: Population Health</td>
</tr>
<tr>
<td>ROOM: KC 301</td>
<td>B2: Diabetes, Cardiovascular Disease &amp; Stroke</td>
</tr>
<tr>
<td>ROOM: KC 303</td>
<td>B3: Health Services Research &amp; Economics</td>
</tr>
<tr>
<td>ROOM: KC 305</td>
<td>B4: Cancer</td>
</tr>
<tr>
<td>3:15PM TO 4:30PM</td>
<td>POSTER VIEWING - KC GALLERIA 200</td>
</tr>
<tr>
<td></td>
<td>Coffee and tea and light snacks available</td>
</tr>
<tr>
<td>6:30PM TO 9:00PM</td>
<td>SOCIAL EVENT: BREWSTERS MOUNTAIN BBQ</td>
</tr>
<tr>
<td></td>
<td>Kick up your heels and enjoy an authentic mountain BBQ dinner including live music!</td>
</tr>
</tbody>
</table>
## THURSDAY, JUNE 1, 2017 (CONFERENCE DAY 2)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:30AM TO 8:30AM</td>
<td>BREAKFAST - 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>
</tr>
<tr>
<td>ROOM: KC 305</td>
<td>C4: Chronic Disease &amp; Injury</td>
</tr>
<tr>
<td>10:00AM TO 10:30AM</td>
<td>COFFEE BREAK - KC GALLERIA 200</td>
</tr>
<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>
</tr>
<tr>
<td>ROOM: KC 301</td>
<td>D2: Behavioural &amp; Social Epidemiology</td>
</tr>
<tr>
<td>ROOM: KC 303</td>
<td>D3: Cancer</td>
</tr>
<tr>
<td>ROOM: KC 305</td>
<td>D4: Nutrition, Physical Activity &amp; Obesity</td>
</tr>
<tr>
<td>12:00PM TO 1:15PM</td>
<td>LUNCH - VISTAS RESTAURANT (SALLY BORDEN BUILDING)</td>
</tr>
<tr>
<td>1:15PM TO 2:45PM</td>
<td>CONCURRENT SESSIONS E</td>
</tr>
<tr>
<td>ROOM: KC 101/103</td>
<td>E1: Building Cancer Research Capacity</td>
</tr>
<tr>
<td>ROOM: KC 301</td>
<td>E2: Biostatistics</td>
</tr>
<tr>
<td>ROOM: KC 303</td>
<td>E3: Clinical &amp; Pharmaco – Epidemiology</td>
</tr>
<tr>
<td>ROOM: KC 305</td>
<td>E4: Infectious Disease</td>
</tr>
<tr>
<td>2:45PM TO 4:00PM</td>
<td>POSTER VIEWING - KC GALLERIA 200</td>
</tr>
<tr>
<td></td>
<td><em>Coffee and tea and light snacks available</em></td>
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</tbody>
</table>
### THURSDAY, JUNE 1, 2017 (CONFERENCE DAY 2)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>4:00PM TO 5:30PM</td>
<td>CONCURRENT SESSIONS F</td>
</tr>
<tr>
<td>ROOM: KC 101/103</td>
<td>F1: Public Health/Population Health</td>
</tr>
<tr>
<td>ROOM: KC 301</td>
<td>F2: Cancer</td>
</tr>
<tr>
<td>ROOM: KC 303</td>
<td>F3: Biostatistics</td>
</tr>
<tr>
<td>ROOM: KC 305</td>
<td>F4: Environmental &amp; Occupational/ Surveillance &amp; Spatial Epidemiology</td>
</tr>
<tr>
<td>5:45PM TO 6:45PM</td>
<td>SOCIAL EVENT: STUDENT SPEED NETWORKING - ROOM: KC 105</td>
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<tr>
<td>6:30PM +</td>
<td>SOCIAL EVENT: STUDENT &amp; MENTOR PUB NIGHT</td>
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<td></td>
<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>Time</td>
<td>Event</td>
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<tr>
<td>7:30AM TO 8:30AM</td>
<td>BREAKFAST - VISTAS RESTAURANT (SALLY BORDEN BUILDING)</td>
</tr>
<tr>
<td>8:30AM TO 9:45AM</td>
<td>WORKSHOP SERIES</td>
</tr>
<tr>
<td></td>
<td>1. WORKING AT THE NEXUS OF RESEARCH AND POLICY: INTERNATIONAL JOINT POLICY COMMITTEE OF THE SOCIETIES OF EPIDEMIOLOGY (IJPC-SE)</td>
</tr>
<tr>
<td></td>
<td>Presented by: <strong>DR. MARK OREMUS</strong>, University of Waterloo, President, Canadian Society of Epidemiology and Biostatistics (CSEB)</td>
</tr>
<tr>
<td></td>
<td>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.</td>
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<td>ROOM: KC 301</td>
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<td>2. INSIGHTS FROM BIG DATA: CREATING THE EVIDENCE BASE FOR HEALTH POLICY DEVELOPMENT</td>
</tr>
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<td></td>
<td>Presented by: <strong>DR. LARRY SVENSON</strong>, Executive Director, Analytics and Performance Reporting, Alberta Health</td>
</tr>
<tr>
<td></td>
<td>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.</td>
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<td>ROOM: KC 303</td>
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<td></td>
<td>3. STATISTICAL CHALLENGES IN DISEASE RISK PREDICTION</td>
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<tr>
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<td>Presented by: <strong>Dr. LISA LIX</strong>, PhD P.Stat., Professor, Department of Community Health Sciences &amp; George and Fay Yee Centre for Healthcare Innovation, University of Manitoba</td>
</tr>
<tr>
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<td>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.</td>
</tr>
<tr>
<td></td>
<td>ROOM: KC 305</td>
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<tr>
<td>9:45AM TO 10:15AM</td>
<td>COFFEE BREAK - KC GALLERIA 200</td>
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</tbody>
</table>
### FRIDAY, JUNE 2, 2017 (CONFERENCE DAY 3)

<table>
<thead>
<tr>
<th>10:15AM TO 11:45PM</th>
<th>WORKSHOP SERIES</th>
</tr>
</thead>
</table>
| ROOM: KC 303        | 1. STUDENT CAREER WORKSHOP  
*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  
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. |
| ROOM: KC 305        | 2. SCIENCE COMMUNICATION WORKSHOP  
*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  
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:  
1. Explain how telling your science as a story helps to engage an audience and increase receptivity of your science  
2. Will be able to pitch a story to a variety of different audiences  
3. Will also be able to identify jargon and cross jargon, and use simple language to explain a complex topic |

| 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
### 11:00AM TO 12:30PM  CONCURRENT SESSION A

**A1: ENVIRONMENTAL & OCCUPATIONAL - ROOM: KC 101/103**

| A1.1 | LAND USE REGRESSION MODEL OF ULTRAFINE PARTICLES IN THE 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 |
<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Presented by</th>
</tr>
</thead>
<tbody>
<tr>
<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>
</tr>
<tr>
<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>
</tr>
<tr>
<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>
</tr>
<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>
</tr>
<tr>
<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>
</tr>
</tbody>
</table>
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:
- Cristina 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
## 11:00AM TO 12:30PM  CONCURRENT SESSION A

### A4: KNOWLEDGE TRANSFER/EXCHANGE - ROOM: KC 305

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<td>A4.1</td>
<td>PREDICTING IMPORTANT PATIENT DOMAINS FOR GLAUCOMA MANAGEMENT</td>
<td>- Lavanya Uruthiramoorthy, Graduate Student, Western University</td>
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<td>A4.2</td>
<td>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</td>
<td>- Alana Fairfax, Master's student, University of Ottawa</td>
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<td>A4.3</td>
<td>COMPARATIVE HUMAN EXPOSURE TO ANTIMICROBIAL RESISTANT ESCHERICHIA COLI FROM FOOD ANIMALS USING INTEGRATIVE ASSESSMENT MODELLING: A FARM TO FORK APPROACH</td>
<td>- Colleen Murphy, Veterinary Epidemiologist, NSERC Fellow placed at the Centre for Food-borne, Environmental and Zoonotic Infections</td>
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<td>A4.4</td>
<td>A KNOWLEDGE TRANSLATION STRATEGY FOR THE CANADIAN POPULATION ATTRIBUTABLE RISK (COMPARE) PROJECT</td>
<td>- Leah Smith, Epidemiologist, Canadian Cancer Society</td>
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<td>A4.5</td>
<td>CORNEAL BIOMECHANICAL PROPERTIES AFTER SMILE VERSUS FLEX, LASIK, LASEK, OR PRK: A SYSTEMATIC REVIEW AND META-ANALYSIS</td>
<td>- Hui Guo, Graduate Student, Schulich School of Medicine and Dentistry, The University of Western Ontario, London, Canada</td>
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### 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: HEALTH SERVICES RESEARCH & ECONOMICS - ROOM: KC 303

**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** HOMELINESS 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

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<td>B4.1</td>
<td>PREVENTING ALCOHOL-RELATED CANCER: WHAT IF EVERYONE DRANK WITHIN THE GUIDELINES?</td>
<td>Elisa Candido, Acting Group Manager, Cancer Care Ontario</td>
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<td>B4.2</td>
<td>EFFECTS OF SLEEP DURATION ON ALL CANCER INCIDENCE RATES IN THE ALBERTA TOMORROW PROJECT COHORT</td>
<td>Jessica McNeil, Postdoctoral Fellow, Alberta Health Services</td>
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<td>B4.3</td>
<td>THE LONG-TERM RISK OF CARDIOVASCULAR DISEASE INCIDENCE IN LYMPHOMA SURVIVORS: A SYSTEMATIC REVIEW AND META-ANALYSIS</td>
<td>Alexis Mickle, Graduate Student, Alberta Health Services</td>
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<td>B4.4</td>
<td>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</td>
<td>Devon Boyne, PhD Student, Alberta Health Services</td>
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<td>B4.5</td>
<td>BACILLUS CALMETTE-GUERIN (BCG) VACCINATION AND LYMPHOMA: PRELIMINARY RESULTS FROM A SYSTEMATIC REVIEW AND META-ANALYSIS</td>
<td>Marie-Claude Rousseau, Full Professor, Institut National de la Recherche Scientifique</td>
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C1: HEALTH SERVICES RESEARCH & ECONOMICS - ROOM: KC 101/103

C1.1 CHARACTERISTICS AND EARLY HEALTHCARE USE OF REFUGEES IN ONTARIO, CANADA
Presented by:
- Amanda Alberga, Epidemiologist, Institute for Clinical Evaluative Sciences (ICES)

C1.2 EFFECTS OF BEHAVIOURAL RISK FACTORS ON HIGH COST USERS OF HEALTHCARE: A POPULATION-BASED STUDY
Presented by:
- Amanda Alberga, Epidemiologist, Institute for Clinical Evaluative Sciences (ICES)

C1.3 LEVERAGING A PROVINCIAL NETWORK TO DESCRIBE POPULATION TRENDS IN PALLIATIVE CARE SERVICE USE IN ONTARIO
Presented by:
- Lauren Della Mora, Senior Analyst, Cancer Care Ontario

C1.4 HEALTH CARE SERVICE UTILIZATION AND UNMET HEALTH CARE NEEDS OF RURAL INDIGENOUS PEOPLES IN CANADA: A POPULATION-BASED STUDY
Presented by:
- Arlanna Pugh, Graduate Student, Queen's University

C1.5 INVESTIGATING THE VALUE OF A TAILORED KNOWLEDGE SYNTHESIS APPROACH FOR RARE DISEASES: FOCUS GROUPS WITH VARIOUS STAKEHOLDERS
Presented by:
- Kylie Tingley, PhD candidate, University of Ottawa

C2: CANCER - ROOM: KC 301

C2.1 PROJECTION OF CANCER INCIDENCE IN ALBERTA’S TOMORROW PROJECT FROM 2017 TO 2036
Presented by:
- Jian-Yi Xu, Biostatistician, Alberta’s Tomorrow Project, CancerControl Alberta, Alberta Health Services, Alberta

C2.2 LIFESTYLE AND CANCER PREVENTION IN CANADA: ESTIMATING THE CURRENT AND FUTURE AVOIDABLE CANCER BURDEN
Presented by:
- Darren Brenner, Research Scientist/Adj. Assistant Professor, University of Calgary

C2.3 SHIFT WORK PATTERNS, CHRONOTYPE AND OVARIAN CANCER RISK
Presented by:
- Lisa Leung, Student, Department of Public Health Sciences, Queen’s University

C2.4 A CANCER PROFILE FOR FIRST NATIONS IN ONTARIO ACHIEVED THROUGH LINKED REGISTRY DATA AND PARTNERSHIPS
Presented by:
- Sehar Jamal, Research Associate, Cancer Care Ontario

C2.5 COLORECTAL CANCER TREATMENT FOR PATIENTS WITH A SEVERE PSYCHIATRIC ILLNESS: EVIDENCE FOR INEQUALITIES IN A UNIVERSAL HEALTH CARE SYSTEM
Presented by:
- Alyson Mahar, Postdoctoral Research Associate, Sunnybrook Health Sciences Centre
THURSDAY, JUNE 1, 2017 (CONCURRENT SESSIONS)

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

**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

**C4.1** EARLY MOBILIZATION FOLLOWING ARTHROSCOPIC ROTATOR CUFF REPAIR; A SINGLE-BLIND, RANDOMIZED CONTROL TRIAL  
*Presented by:*  
- Anelise Silveira, Research Associate, Alberta Health Services

**C4.2** VALIDATION OF A KIDNEY FAILURE RISK EQUATION IN A POPULATION-BASED COHORT OF ALBERTA ADULTS WITH CHRONIC KIDNEY DISEASE  
*Presented by:*  
- Rob Weaver, Statistical Associate, Cumming School of Medicine, University of Calgary

**C4.3** DEPRESSIVE SYMPTOMS IN ADOLESCENTS AND YOUNG ADULTS WITH EPILEPSY 10 YEARS AFTER DIAGNOSIS: A TEST OF THE STRESS PROCESS  
*Presented by:*  
- Samanpreet Brar, Graduate Student, Western University

**C4.4** CHRONIC DISRUPTIVE PAIN IN EMERGING ADULTS WITH AND WITHOUT CHRONIC HEALTH CONDITIONS: THE MODERATING ROLE OF PSYCHIATRIC DISORDERS  
*Presented by:*  
- Rana Qadeer, Student, McMaster University

**C4.5** TIME TRENDS OF THE INCIDENCE, PREVALENCE, AND POST-DIAGNOSIS MORTALITY OF PARKINSONISM  
*Presented by:*  
- Jessica Wong, Master's student, Dalla Lana School of Public Health, University of Toronto
### 10:30AM TO 12:00PM  CONCURRENT SESSION D

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

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<td>D1.1</td>
<td>KNOWLEDGE TRANSLATION AND DISSEMINATION OF NEW STATISTICS ON HPV-ASSOCIATED CANCERS IN CANADA</td>
<td>- Leah Smith, Epidemiologist, Canadian Cancer Society</td>
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<td>CANCER RISK FACTORS AND SCREENING AMONG INUIT IN ONTARIO AND OTHER REGIONS OF CANADA</td>
<td>- Maegan Prummel, Senior Research Associate, Cancer Care Ontario</td>
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<td>D1.3</td>
<td>COLORECTAL CANCER RISK STRATIFICATION IDENTIFIES PATTERNS AND PREDICTORS OF ADHERENCE TO SCREENING RECOMMENDATIONS IN ALBERTA'S TOMORROW PROJECT PARTICIPANTS</td>
<td>- Jennifer Vena, Research Lead, Alberta's Tomorrow Project, CancerControl Alberta, Alberta Health Services</td>
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<td>D1.4</td>
<td>IMPACT OF THE 2008 ALBERTA TOBACCO REDUCTION ACT ON SECONDHAND SMOKE EXPOSURE: PRELIMINARY FINDINGS FROM A PROSPECTIVE COHORT STUDY</td>
<td>- Alianu Akawung, Biostatistician, Alberta Health Services</td>
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<td>D1.5</td>
<td>INTENTIONAL TANNING AMONG CANADIAN ADOLESCENTS: CRAYS 2015</td>
<td>- Victoria Nadalin, Senior Research Associate, Cancer Care Ontario</td>
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### D2: BEHAVIORAL & SOCIAL EPIDEMIOLOGY - ROOM: KC 301

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<td>- Mark Oremus, Associate Professor, University of Waterloo</td>
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<td>D2.2</td>
<td>Social Support Availability and Cognitive Function Among Middle- and Older-Aged Adults: A Cross-Sectional Analysis of the Canadian Longitudinal Study on Aging</td>
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<td>Bi-DIRECTIONAL ASSOCIATION BETWEEN PHYSICAL ACTIVITY AND SEDENTARY BEHAVIOR DURING THE DAY AND NIGHTTIME SLEEP DURATION AMONG 10-13 YEAR OLDS</td>
<td>- Yingyi Lin, Graduate Research Assistant, Queen's University</td>
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<td>D2.4</td>
<td>THE INTERSECTIONAL DISCRIMINATION INDEX: VALIDITY AND RELIABILITY OF A NEW MEASURE FOR POPULATION HEALTH RESEARCH</td>
<td>- Ayden Scheim, PhD candidate, Epidemiology &amp; Biostatistics, Western University</td>
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<td>D2.5</td>
<td>Linking Housing and Sources of Social Support in Psychiatric Survivors</td>
<td>- Melody Lam, Student, Western University</td>
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### D3: CANCER - ROOM: KC 303

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<td>POPULATION ATTRIBUTABLE RISK AND IMPACT FRACTIONS FOR LUNG CANCER AND OUTDOOR AIR POLLUTION IN CANADA</td>
<td>- Will D. King, Associate Professor, Queen's University</td>
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<td>D3.2</td>
<td>INTERVENTION STRATEGIES TO IMPROVE COGNITIVE FUNCTIONING IN HEMATOLOGIC CANCER SURVIVORS AFTER HEMATOPOIETIC CELL TRANSPLANTATION</td>
<td>- Noha Sharafeldin, Postdoctoral Scholar, University of Alabama at Birmingham</td>
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<td>D3.3</td>
<td>CANCERS ATTRIBUTABLE TO INFECTIONS IN CANADA</td>
<td>- Karena Volesky, PhD Student, McGill University</td>
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<td>D3.4</td>
<td>LUNG CANCER RISK AT LOW RADON EXPOSURES IN THE CZECH, FRENCH AND CANADIAN URANIUM MINERS (1953–1999)</td>
<td>- Rachel Lane, Radiation and Health Sciences Specialist, Canadian Nuclear Safety Commission</td>
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<td>D3.5</td>
<td>OCCUPATIONAL EXPOSURE TO ASBESTOS AND THE RISK OF KIDNEY CANCER</td>
<td>- Cheryl Peters, Postdoctoral Fellow, Carleton University</td>
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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)
### THURSDAY, JUNE 1, 2017 (CONCURRENT SESSIONS)

#### 1:15PM TO 2:45PM  CONCURRENT SESSION E

**E1: BUILDING CANCER RESEARCH CAPACITY - ROOM: KC 101/103**

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<td>- Paula Robson, Scientific Director, Alberta’s Tomorrow Project</td>
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<td>E1.2</td>
<td>EXPERIENCES OF CANCER PATIENTS IN TRANSITION STUDY: FROM SURVEY IMPLEMENTATION TO OUTCOME MODELING</td>
<td>- Andrea Coronado, Specialist, Health System Performance, Canadian Partnership Against Cancer</td>
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<td>E1.3</td>
<td>BUILDING CANCER ANALYTIC CAPACITY IN CANADA</td>
<td>- Cheryl Louzado, Program Manager, Data Integration, Canadian Partnership Against Cancer</td>
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**E2: BIOSTATISTICS - ROOM: KC 301**

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<td>- Brendan Lethebe, Student, University of Calgary</td>
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<td>GENE SET ANALYSIS OF LONGITUDINAL BLOOD PRESSURE</td>
<td>- Elham Khodayari Moez, PhD Student, School of Public Health, University of Alberta</td>
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<td>LONGITUDINAL TRAJECTORIES OF DISEASE SEVERITY IN CHILDREN WITH EPILEPSY</td>
<td>- Anita Brobbey, PhD Student, University of Calgary</td>
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<td>TRAJECTORIES OF PARENT-REPORTED HEALTH-RELATED QUALITY OF LIFE IN CHILDREN WITH EPILEPSY</td>
<td>- Tolulope Sajobi, Assistant Professor, University of Calgary</td>
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<td>E2.5</td>
<td>MODELING THE RANDOM EFFECTS COVARIANCE MATRIX FOR LONGITUDINAL DATA WITH OVARIATES MEASUREMENT ERROR</td>
<td>- Md Erfanul Hoque, Student, University of Manitoba</td>
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### E3: CLINICAL & PHARMACO – EPIDEMIOLOGY - ROOM: KC 303

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<td>Mohamed Amine Amiche, PhD candidate, Leslie Dan Faculty of Pharmacy, University of Toronto</td>
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<td>Jeffrey Chow, MSc (Epidemiology and Biostatistics) Student, The University of Western Ontario</td>
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<td>Jacqueline K. Kueper, M.Sc. Candidate, Western University</td>
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<td><strong>Presented by:</strong></td>
<td>Nilofar Taghizadeh, Postdoctoral associate, Division of Respiratory Medicine and Charbonneau Cancer Research Institute, University of Calgary, Calgary, AB, Canada</td>
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<td>Lindsay Wong, MSc student, Leslie Dan Faculty of Pharmacy, University of Toronto</td>
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### E4: INFECTIOUS DISEASE - ROOM: KC 305

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<td><strong>Presented by:</strong></td>
<td>Vineetha Warriyar Kodalore Vijayan, PhD candidate, Postdoctoral Fellow, University of Calgary</td>
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<td>Kate Snedeker, Surveillance Epidemiologist, Alberta Health Services</td>
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<th>E4.3</th>
<th>INCORPORATING CONTACT NETWORK UNCERTAINTY IN INDIVIDUAL LEVEL MODELS OF INFECTIOUS DISEASE USING APPROXIMATE BAYESIAN COMPUTATION</th>
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<td><strong>Presented by:</strong></td>
<td>Waleed Almutiry, PhD candidate at Guelph university and visiting student at Calgary University, University of Guelph</td>
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<td><strong>Presented by:</strong></td>
<td>Colin Reynolds, MSc Student, University of Alberta School of Public Health</td>
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<th>E4.5</th>
<th>INVESTIGATING TRENDS IN THE EMERGENCE OF LYME DISEASE IN EASTERN ONTARIO</th>
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<td><strong>Presented by:</strong></td>
<td>Isha Narula, Student Researcher, University of Ottawa</td>
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**THURSDAY, JUNE 1, 2017 (CONCURRENT SESSIONS)**

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

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

**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 INFERENTIAL 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

F3.1  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

F4.1  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:
- Natasha Prince, M.Sc. Candidate, Carleton University
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<td>1</td>
<td>IMPACT OF VITAMIN D INTAKE ON SERUM VITAMIN D STATUS IN CANADIAN BREAST CANCER PATIENTS</td>
<td>- Amit Manocha, PhD Candidate, Student Researcher, University of Calgary</td>
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<td>2</td>
<td>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</td>
<td>- Dalton Budhram, Undergraduate Student, McMaster University</td>
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<td>ASSOCIATIONS BETWEEN SPOUSES’ HEALTH BEHAVIOURS BEFORE AND AFTER ONE PARTNER IS DIAGNOSED WITH DIABETES: RESULTS FROM THE LIFELINES COHORT STUDY</td>
<td>- Rachel Burns, Postdoctoral Fellow, McGill University</td>
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<td>TRANSDERMAL NITROGLYCERIN THERAPY IN LOWER LIMB PERIPHERAL ARTERIAL DISEASE: A SYSTEMATIC REVIEW</td>
<td>- Michael Caputo, Medical Student, Northern Ontario School of Medicine</td>
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<td>SUPERVISOR AND ORGANIZATIONAL FACTORS ASSOCIATED WITH JOB MODIFICATIONS</td>
<td>- Catherine Chambers-Bedard, MPH Candidate, Lakehead University</td>
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<td>6</td>
<td>THE COMBINED EFFECT OF SOCIOECONOMIC STATUS AND COMPENSATION POLICY ON RETURN TO WORK.</td>
<td>- Catherine Chambers-Bedard, MPH Candidate, Lakehead University</td>
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<td>FALLS AND FEAR OF FALLING IN OLDER ADULTS AFTER TOTAL JOINT ARTHROPLASTY</td>
<td>- Serena Chen, Graduate Student, University of Alberta School of Public Health</td>
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<td>8</td>
<td>DIABETES SIGNIFICANTLY INCREASES THE RISK OF DEPRESSION IN LONGITUDINAL STUDIES:SYSTEMATIC REVIEW,META-ANALYSIS AND POPULATION ATTRIBUTABLE FRACTIONS.</td>
<td>- Bartholomew Chireh, Student, University of Saskatchewan</td>
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<td>9</td>
<td>EVALUATING TNM STAGE PROGNOSTIC ABILITY IN A POPULATION-BASED COHORT OF GASTRIC CANCER PATIENTS IN A LOW INCIDENCE COUNTRY</td>
<td>- Alyson Mahar, Postdoctoral Research Associate, Sunnybrook Health Sciences Centre</td>
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<td>10</td>
<td>MENTAL HEALTH STATUS AND SERVICE UTILIZATION AMONG ETHNIC GROUPS IN ONTARIO, CANADA</td>
<td>- Jenny Gatov, Epidemiologist, Institute for Clinical Evaluative Sciences</td>
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<td>11</td>
<td>FACTORS ASSOCIATED WITH SHORTER NIGHT-TIME SLEEP IN TODDLERS: THE SURVEY OF YOUNG CANADIANS (SYC)</td>
<td>- Christy Costanian, PhD Student, York University</td>
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| 12 | WRITING SKILLS ENHANCEMENT FOR PUBLIC HEALTH PROFESSIONALS IN RWANDA  
Presented by:  
- Raywat Deonandan, Assistant Professor, University of Ottawa |
| 13 | ADVANCED MATERNAL AGE: ETHICAL AND MEDICAL CONSIDERATIONS FOR ASSISTED REPRODUCTIVE TECHNOLOGY  
Presented by:  
- Raywat Deonandan, Assistant Professor, University of Ottawa |
| 14 | POST-COLONOSCOPY COLORECTAL CANCERS. A STEP TOWARDS IDENTIFICATION OF ROOT CAUSES AND POTENTIAL POINTS OF INTERVENTIONS  
Presented by:  
- Saiganesh Dhannewar, Research Assistant, University of Alberta |
| 15 | HANDLING UNCERTAINTY IN TRIAL-BASED ECONOMIC EVALUATIONS: A REVIEW OF THE USE OF STATISTICAL METHODS  
Presented by:  
- Juan Pablo Diaz-Martinez, Student, McMaster University |
| 16 | REACH AND PATTERN OF USE OF ASSISTED METHODS OF SMOKERS QUITTING IN ONTARIO  
Presented by:  
- Sarah Edwards, Director, Surveillance and Reporting, Alberta Health Services |
| 17 | BREAST CANCER SURVIVAL BY MOLECULAR SUBTYPE IN ONTARIO, CANADA: A POPULATION-BASED ANALYSIS OF CANCER REGISTRY DATA  
Presented by:  
- Saber Fallahpour, Senior Research Associate, Cancer Care Ontario |
| 18 | THE ASSOCIATION BETWEEN SOCIAL PARTICIPATION AND DEPRESSION SYMPTOMS AMONG MIDDLE-AGED AND ELDERLY CHINESE ADULTS  
Presented by:  
- Mingying Fangr, Ph.D candidate, University of Waterloo |
| 19 | HIV AND SYPHILIS PREVALENCE AND RISK FACTORS AMONG DRUG USERS: RESULTS OF RESPONDENT-DRIVEN SAMPLING IN GUANGZHOU  
Presented by:  
- Mingying Fangr, Ph.D candidate, University of Waterloo |
| 20 | AN ASSESSMENT OF THE EFFECTIVENESS OF EPIDEMIOLOGY ONLINE DISTANCE LEARNING  
Presented by:  
- Mateo Farfan, Student, University of Ottawa |
| 21 | PSYCHOSOCIAL OUTCOMES TWELVE MONTHS FOLLOWING A DOSE-RESPONSE AEROBIC EXERCISE INTERVENTION IN POSTMENOPAUSAL WOMEN  
Presented by:  
- Megan Farris, Epidemiology Research Associate/ Project Coordinator, Alberta Health Services |
| 22 | THE ALBERTA MOVING BEYOND BREAST CANCER (AMBER) COHORT STUDY: RECRUITMENT, ASSESSMENT, AND DESCRIPTION OF THE FIRST 1023 PARTICIPANTS  
Presented by:  
- Megan Farris, Epidemiology Research Associate/ Project Coordinator, Alberta Health Services |
3:15PM TO 4:30PM  POSTER PRESENTERS - KC GALLERIA 200

23  INTERVENTIONS FOR REDUCING THE DURATION OF THE ACUTE DIARRHEA AND GASTROENTERITIS IN CHILDREN: A NETWORK META-ANALYSIS
   Presented by:
   - Ivan D. Florez, PhD Student, McMaster University

24  WEIGHT TRAJECTORIES, ADIPOSETITY MEASUREMENTS OF OBESITY AND SURVIVAL AFTER PROSTATE CANCER DIAGNOSIS
   Presented by:
   - Christine Friedenreich, Scientific Leader, Alberta Health Services

25  IMPROVING LEGIONELLOSIS SPATIAL CLUSTER DETECTION USING MULTIPLE EXPOSURE ADDRESSES PER CASE
   Presented by:
   - Lennon Li, Biostatistical Specialist, Public Health Ontario

26  CANCER SCREENING AND PERCEIVED SUSCEPTIBILITY OF DEVELOPING CANCER: A CROSS-SECTIONAL ANALYSIS OF THE ALBERTA TOMORROW PROJECT
   Presented by:
   - Meghan Gilfoyle, Student, University of Waterloo

27  QUALITY OF WEB-BASED INFORMATION FOR THE 10 MOST COMMON FRACTURES
   Presented by:
   - Lydia Ginsberg, Research Assistant/Student, McMaster University

28  IS QUALITY OF DIABETES CARE ASSOCIATED WITH DEPRESSIVE SYMPTOMS IN ADULTS WITH DIABETES? A STUDY OF 19 EUROPEAN COUNTRIES
   Presented by:
   - Eva Graham, PhD Candidate, Epidemiology, McGill University

29  IDENTIFYING RELEVANT POPULATION-BASED INTERVENTION PROGRAMS TO IMPACT THE PREVALENCE OF CANCER-RELATED LIFESTYLE RISK FACTORS IN CANADA
   Presented by:
   - Xin Grevers, Research study coordinator, Alberta Health Services

30  A MULTI-CENTRE RETROSPECTIVE STUDY OF EVALUATION TIMES IN PRIOR LIVING KIDNEY DONORS
   Presented by:
   - Steven Habbous, PhD student, Western University

31  MEAT-DERIVED CARCINOGENS AND THE RISK OF COLORECTAL CANCER; A META-ANALYSIS.
   Presented by:
   - Vikki Ho, Assistant Professor/Research, University of Montreal/University of Montreal Hospital Research Center (CRCHUM)

32  THE ASSOCIATION BETWEEN FREQUENCY OF RELIGIOUS PARTICIPATION AND COGNITIVE FUNCTION: PRELIMINARY ANALYSIS OF THE CANADIAN LONGITUDINAL STUDY ON AGING
   Presented by:
   - Shera Hosseini, Graduate Student, University of Waterloo

33  STUDYING CYCLE TRACKS AND CYCLIST SAFETY IN TORONTO THROUGH ONLINE DATA MINING
   Presented by:
   - Martha Hunter, Master’s Student, Lakehead University
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<td>Faizan Khan, Master of Science Student, University of Ottawa</td>
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<td>Farah Khandwala, Statistical Associate, Alberta Health Services</td>
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<td>Vicki Kristman, Associate Professor, Lakehead University</td>
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<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>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>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>Banaz Al-khalidi, PhD Candidate, York University</td>
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<td>Nof AlKusayer, Graduate student, Memorial University of Newfoundland and Labrador</td>
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<td>45</td>
<td>EFFECTIVENESS OF ORAL BISPHOSPHONATES IN REDUCING FRACTURE RISK AMONG CHRONIC ORAL GLUCOCORTICOID USERS: A POPULATION-BASED STUDY</td>
<td>Mohamed Amine Amiche, PhD candidate, Leslie Dan Faculty of Pharmacy, University of Toronto</td>
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<td>James Armstrong, MD/PhD Candidate, Schulich School of Medicine</td>
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<td>Jennifer Asselstine, M.HSc. Candidate/Graduate Assistant, Lakehead University</td>
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<td>THE RIVERMEAD POST-CONCUSSION QUESTIONNAIRE PREDICTS SOCIAL, MENTAL, AND OVERALL SELF-REPORTED RECOVERY SIX MONTHS AFTER MILD TRAUMATIC BRAIN INJURY IN OLDER ADULTS</td>
<td>Jennifer Asselstine, M.HSc. Candidate/Graduate Assistant, Lakehead University</td>
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<td>Greta Bauer, Associate Professor and Graduate Chair, Epidemiology and Biostatistics, Western University</td>
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<td>DATA PRIVACY AND RESEARCH: NEW CHALLENGES FROM THE COURTS</td>
<td>Greta Bauer, Associate Professor and Graduate Chair, Epidemiology and Biostatistics, Western University</td>
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<td>Kristina Blackmore, Research Associate, Cancer Care Ontario</td>
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<td>Henrietta Blinder, Epidemiology Graduate Student, University of Ottawa</td>
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<td>Laura Bogaert, Student, University of Toronto</td>
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<td>ARE PHYSICAL ACTIVITY AND CONSUMPTION OF FRUITS AND VEGETABLES ASSOCIATED WITH GLAUCOMA?</td>
<td>Ramanpreet Brar, Master’s Student, Western University</td>
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<td>55</td>
<td>PROJECTING CANCER INCIDENCE IN CANADA: LOOKING BACK TO THE FUTURE</td>
<td>Abbey Poirier, Epidemiology Research Associate, Alberta Health Services</td>
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56  TAILORING THE WORLD HEALTH ORGANIZATION SURGICAL SAFETY CHECKLIST TO PEDIATRICS: AN IMPLEMENTATION AND EVALUATION STUDY PROPOSAL
   Presented by:
   - Laura Rivera, Research Associate, O’Brien Institute for Public Health, University of Calgary

57  AN AUDIT OF IMPLANTED DEVICE-ASSOCIATED INFECTIONS AT THE ALBERTA CHILDREN’S HOSPITAL: A MIXED CHART REVIEW/ELECTRONIC ADMINISTRATIVE DATA STUDY
   Presented by:
   - Hasan Abdullah, Research Assistant, University of Calgary
   - Ashleigh Gibb, Research Assistant, University of Calgary

58  AREA-LEVEL DEPRIVATION AND DENTAL HEALTH RELATED EMERGENCY DEPARTMENT VISITS IN ALBERTA, 2011 TO 2015
   Presented by:
   - Mei Zhang, Senior Analyst, Alberta Health Services

59  SUICIDE AND SUICIDE-RELATED HEALTH CARE UTILIZATION IN ALBERTA: AN ANALYSIS OF RATES AND TRENDS FROM 2011 TO 2015
   Presented by:
   - Julie Zhang, Alberta Health Services
| 1 | DEVELOPING INTEGRATED SPATIOTEMPORAL SURVEILLANCE SYSTEMS: A PROTOTYPE USING INFLUENZA DATA  
Presented by:  
- Lennon Li, Biostatistical Specialist, Public Health Ontario |
| 2 | MEASUREMENT INVARIANCE 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 |
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| 10              | 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)  
**Presented by:**  
- Charlotte McEwen, Student, Lakehead University |
| 11              | GESTATIONAL DIABETES AND RISK OF CARDIOVASCULAR DISEASE LATER IN LIFE: A RETROSPECTIVE COHORT STUDY  
**Presented by:**  
- Safyer McKenzie-Sampson, Master's student, McGill University |
| 12              | DETERMINANTS OF MATERNAL MORTALITY: A COMPARISON OF GEOGRAPHIC DIFFERENCES IN NORTHERN AND SOUTHERN REGIONS OF CAMEROON  
**Presented by:**  
- Catherine Meh, Student, Western University |
| 13              | EXAMINING THE CONCURRENT IMPACT OF MULTIPLE HEALTHY WEIGHT BEHAVIOURS ON OVERWEIGHT AND OBESITY AMONG ONTARIO'S ADOLESCENTS  
**Presented by:**  
- Sandya Menon, Research Assistant, Public Health Ontario |
| 14              | EVOLUTION, FROM CHILDHOOD TO YOUNG ADULTHOOD, OF ASTHMA PHENOTYPES DEFINED BY UTILIZATION OF HEALTH SERVICES IN A PROVINCE-WIDE BIRTH COHORT IN QUEBEC  
**Presented by:**  
- Miceline Mesidor, Student, Montreal University |
| 15              | INFLUENCE OF DIETARY ANTIOXIDANT AND OXIDANT INTAKE ON LEUKOCYTE TELOMERE LENGTH  
**Presented by:**  
- Alexis Mickle, Graduate Student, Alberta Health Services |
| 16              | RELIGION/SPRITUALITY AND CANCER SCREENING IN THE ALBERTA TOMORROW PROJECT: AN EXPLORATORY ANALYSIS OF BASELINE DATA  
**Presented by:**  
- Susan Mirabi, Student, University of Waterloo |
| 17              | LINKING GENOME WIDE ASSOCIATION STUDIES AND RNA VIA EXPRESSION QUANTITATIVE TRAIT LOCI, WITH AN APPLICATION TO A STUDY OF INFLAMATORY BOWEL DISEASE  
**Presented by:**  
- Fahimeh Moradi, Msc Student, University of Alberta |
| 18              | PREVENTING RESIDUAL CONFOUNDING IN STUDIES OF COMPOSITE EXPOSURES: AN EXAMPLE FROM QUEBEC’S CHILDCARE PROGRAM  
**Presented by:**  
- Tanya Murphy, PhD student, McGill University |
| 19              | ASSESSING A BAN ON THE USE OF UV TANNING EQUIPMENT AMONG ADOLESCENTS IN ONTARIO, CANADA: FIRST YEAR RESULTS  
**Presented by:**  
- Victoria Nadalin, Senior Research Associate, Cancer Care Ontario |
20  EXERCISE DOSE EFFECTS ON ADIPOSITY PERSIST 12 MONTHS AFTER AN EXERCISE INTERVENTION IN POSTMENOPAUSAL WOMEN  
  Presented by:  
  - Heather Neilson, Research Associate, Alberta Health Services

21  COMORBID SUBSTANCE USE DISORDERS, MAJOR DEPRESSION AND GENERALIZED ANXIETY DISORDERS IN NATIONALLY REPRESENTATIVE SAMPLES: A SYSTEMATIC REVIEW AND META-ANALYSIS  
  Presented by:  
  - VIVIAN ONAEMO, Student, University of Saskatchewan

22  ALCOHOL DEPENDENCE AND THE PERSISTENCE OF MAJOR DEPRESSION  
  Presented by:  
  - VIVIAN ONAEMO, Student, University of Saskatchewan

23  SOURCE ATTRIBUTION OF FOODBORNE SHIGA TOXIN-PRODUCING ESCHERICHIA COLI INFECTION USING A META-ANALYSIS OF CASE-CONTROL STUDIES OF SPORADIC INFECTIONS: A PROTOCOL  
  Presented by:  
  - Carolina Oremus, Postdoctoral Fellow, University of Waterloo

24  SKIN CANCER IN CANADA ATTRIBUTABLE TO ULTRAVIOLET RADIATION, INDOOR TANNING, AND SUN BEHAVIOUR HABITS  
  Presented by:  
  - Dylan O’Sullivan, PhD Candidate, Queen's University

25  A QUALITY ASSESSMENT OF HEALTH MANAGEMENT INFORMATION SYSTEM (HMIS) DATA FOR MATERNAL AND CHILD HEALTH IN JIMMA ZONE, ETHIOPIA  
  Presented by:  
  - Mariame Ouedraogo, MSc Student in Epidemiology, University of Ottawa, School of Epidemiology, Public Health and Preventive Medicine

26  INCREASING AND BALANCING THE POWER OF MULTIPLE TESTS IN OPTIMAL TREATMENT DURATION CLINICAL TRIALS -- A NEW ANALYSIS PLAN WHEN THESE DURATIONS HAVE OVERLAPS  
  Presented by:  
  - Yongdong Ouyang, Student, University of British Columbia

27  SEDENTARY WORK AND THE RISKS OF COLON AND RECTAL CANCER BY ANATOMICAL SUB-SITE IN THE CANADIAN CENSUS HEALTH AND ENVIRONMENT COHORT (CANCHEC)  
  Presented by:  
  - Manisha Pahwa, Research Associate, Cancer Care Ontario

28  RISK FACTORS FOR HEALTHCARE-ASSOCIATED CLOSTRIDIUM DIFFICILE INFECTION (HA-CDI), 2013-2015, SCARBOROUGH AND ROUGE HOSPITAL (SRH)  
  Presented by:  
  - Senthuri Paramalingam, Clinical Epidemiologist, The Scarborough and Rouge Hospital
### 2:45PM TO 4:00PM  POSTER PRESENTERS - KC GALLERIA 200

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

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- Simran Sandhu, MSc. Epidemiology Candidate, Queen’s University

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- 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
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- Eileen Shaw, Research Associate, Alberta Health Services

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

43  THE CROSSOVER DESIGN FOR STUDIES OF INFERTILITY: A METHODOLOGICAL APPRAISAL
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- 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
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- Courtney R. Smith, Research Associate, Cancer Care Ontario

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

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Presented by:
- Kate Snedeker, Surveillance Epidemiologist, Alberta Health Services

48  MATERNAL HEALTH CARE ACCESS IN RURAL COMMUNITIES IN SOUTHWESTERN UGANDA: ANTENATAL CARE (ANC) ATTENDANCE AND DELIVERY EXPERIENCES AMONG INDIGENOUS BATWA AND NON-INDIGENOUS BAKIGA WOMEN
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| 53 | MATHEMATICAL MODELLING OF THE WEST AFRICAN EBOLA VIRUS EPIDEMIC  
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| 54 | PREDICTION OF NEONATAL SEPSIS USING NEWBORN SCREENING ANALYTE DATA  
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| 55 | EXPLORING THE RELATIONSHIP BETWEEN NEWBORN SCREENING ANALYTES AND CHILDHOOD OUTCOMES RELATED TO AUTISM SPECTRUM DISORDERS  
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| 59 | SPATIAL ASSOCIATIONS BETWEEN METRICS OF NOISE, AND TRAFFIC-RELATED AIR POLLUTION: A PASSIVE MONITORING CAMPAIGN IN OTTAWA, CANADA  
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