



# CRDCN 2019 National Conference

Halifax, October 24 & 25, 2019

**Advancing the Health and Well-Being of Canadians**

From survey and administrative data to sound policy



## Preliminary Conference Program

As of September 13, 2019

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## Organizing committee

**Casey Warman**, Chair  
Academic Director, Atlantic RDC  
Economics, Dalhousie University

**Yasmine Amirkhalkhali**  
Assistant Project Coordinator, Atlantic RDC

**Sarah Fortin**  
Canadian Research Data Centre Network

*Assisted by*

**Monique Comeau**  
Dalhousie University

*Workshops by*

**Kelly Cranswick**  
Statistics Canada

**Lisa Oliver**  
Statistics Canada

## Scientific committee

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Economics, University of Windsor

**Angela Daley**  
Economics, University of Maine

**Michael Haan**  
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**Mohammad Hajizadeh**  
School of Health Administration, Dalhousie  
University

**Rick Mueller**  
Economics, University of Lethbridge

**Fraser Summerfield**  
Economics, St. Francis Xavier University

## Acknowledgements

The CRDCN is a partnership between a consortium of Canadian universities and Statistics Canada, supported by funding agencies. Our services and activities are made possible by the financial or in-kind support of the SSHRC, the CIHR, the CFI, Statistics Canada and participating universities which we gratefully acknowledge.

## Location of activities

- The main conference (regular, plenary, and poster sessions) will be held at the Hotel Halifax located at 1990 Barrington Street, Halifax, Nova Scotia.
- The preconference workshops will be held at Dalhousie University.
  - SAS workshops will be held in the Kenneth C. Rowe Management Building located at 6100 University Avenue, room 3080.
  - What's new in the RDCs workshops will be held in the Student Union Building located at 6136 University Avenue, room 224.
- The conference dinner will be held at the Hotel Halifax (1990 Barrington Street).
- More details will follow regarding the welcome reception on Wednesday evening.

## Additional information

- Self- and valet parking facilities at the Hotel Halifax (\$12.50-\$22.50 per day).
- Public transit in Halifax:
  - From the airport: MetroX bus (public transportation) service is \$3.50 (exact change required) one way. The bus will pick visitors up at the Halifax Stanfield airport and has 3 drop off and pick up locations: Fall River, Downtown Dartmouth and Downtown Halifax.
  - The Halifax Airport Shuttle service is \$22 one way and \$40 return (accepts Visa and MasterCard only).
  - Taxis and limos: Rates will depend on the drop-off location starting at \$64 for downtown Halifax (most taxi companies take credit, debit, and cash). Popular transportation companies include: Casino Taxi, Woods Limo and World Class Executive Transportation.
  - More details at: <https://www.halifax.ca/transportation/halifax-transit>
- Wifi will be available at the Hotel Halifax and at Dalhousie University.

## Our Keynote Speakers

### Erin Strumpf



Dr. Strumpf is an Associate Professor in the Departments of Economics and Epidemiology at McGill University. Her research focuses on evaluating the impacts of health and social policies on the health and wellbeing of individuals and populations, on inequalities across groups, and on the performance of the health care system. She uses administrative health data, large-scale surveys, and methods for causal inference - principally quasi-experimental designs - to estimate the effects of interventions and reforms in real-world settings. She actively collaborates with decision makers here and abroad to generate relevant, usable knowledge to improve population health and health care system performance.

### Arthur Sweetman



Dr. Sweetman is a Professor in the Department of Economics at McMaster University. He holds the Ontario Research Chair in Health Human Resources. His recent work has involved economic issues in healthcare, immigration, education, poverty, employment insurance, program evaluation, and micro-finance.

## Conference Program at a Glance

<b>Wednesday, October 23 – Dalhousie University</b>		
9:00 – 17:00	Preconference Workshops	Dalhousie University
18:00 -	Welcome Reception (cash bar)	TBA
<b>Thursday, October 24 – Hotel Halifax (rooms to be announced)</b>		
7:30 - 8:30	Registration & Continental Breakfast	Foyer
8:30 - 9:00	Words of Welcome	
9:00 - 10:30	Simultaneous Sessions	
10:30 - 11:00	Health Break	
11:00 - 12:00	Simultaneous Sessions	
12:00 - 13:00	Lunch	
13:00 - 13:45	Keynote Address by Erin Strumpf	
13:45 - 14:00	Health Break	
14:00 -14:30	Poster Session	
14:30 - 16:00	Simultaneous sessions	
16:00 - 16:15	Health Break	
16:15 – 17:00	Armchair Discussion	
18:00 - 22:00	Conference Dinner	
<b>Friday, October 25 – Hotel Halifax (rooms to be announced)</b>		
8:00 - 9:00	Registration	Foyer
8:15 - 8:50	Working Breakfast with Tim Leonard	
9:00 - 10:30	Simultaneous Sessions	
10:30 - 10:45	Health Break	
10:45 - 11:15	Poster Session	
11:15 - 12:00	Keynote Address by Arthur Sweetman	
12:00 – 13:00	Lunch	
13:00 - 14:50	Simultaneous Sessions	
14:50 - 15:00	Health Break	
15:00 -	Poster Awards and Closing Remarks	

## Detailed Conference Program

Preconference Workshops - Wednesday, October 23		
8:30 - 9:00	<b>Registration</b>	
9:00 - 12:00	<a href="#"><u>New and Forthcoming Datasets in the RDCs (1)</u></a>	Student Union Building (room 224)
	<a href="#"><u>Introduction to SAS</u></a>	Kenneth C. Rowe Management Building (room 3080)
12:00 - 13:00	<b>Lunch</b> (on your own)	Food court on site (or nearby)
13:00 - 17:00	<a href="#"><u>New and Forthcoming Datasets in the RDCs (2)</u></a>	Student Union Building (room 224)
13:00 - 16:30	<a href="#"><u>Intermediate SAS</u></a>	Kenneth C. Rowe Management Building (room 3080)
18:00 -	<b>Welcome reception</b> (cash bar)	Details to come
Main Conference - Thursday, October 24		
7:30 - 8:30	<b>Registration and Continental Breakfast</b>	Foyer
8:30 - 9:00	<p><b>Words of Welcome</b></p> <p><b>Casey Warman</b>, Academic Director, Atlantic RDC, Dalhousie University</p> <p><b>Graham Gagnon</b>, Associate Vice President Research, Dalhousie University</p> <p><b>Martin Taylor</b>, Executive Director, CRDCN</p>	Rooms will be posted shortly.
9:00 - 10:30	<p><b>Session 1A Seniors and Older Workers</b></p> <p>Chair: TBD</p> <p><b>Daniel Naud</b>, Université de Sherbrooke Environmental Characteristics Associated with Social Participation of Seniors in Quebec</p> <p><b>Parveen Nangia</b>, Laurentian University Aging in Place: Older Ontarians Living Alone</p> <p><b>Fatima Siblani</b>, Concordia University The Effect of Informal Parental Care on Caregivers Retirement Decision in Canada</p> <p><b>James Stutely</b>, McMaster University Employment Income Bunching Among Older Workers: Evidence from Canada's Guaranteed Income Supplement</p>	



## Thursday, October 24

9:00 – 10:30	<p><b>Session 1B Drugs and Drug Policy</b> Chair: TBD</p> <p><b>Karen Ugarte Bravo</b>, McMaster University Mandatory Universal Pharmaceutical Insurance and Prescription Opioid Use</p> <p><b>Anees Bahji</b>, Queen's University Opioids on Trial: An Epidemiological Overview of the Canadian Opioid Crisis</p> <p><b>Dominika Bhatia</b>, University of Toronto Spatial Analysis of Cannabis and Tobacco Consumption Among Canadian Youth and Adults</p>	
10:30 – 11:00	<p><b>Health Break</b></p>	
11:00 - 12:00	<p><b>Session 2A Employment Policy</b> Chair: TBD</p> <p><b>Diana Alessandrini</b>, St. Francis Xavier University Minimum Wage Policy Implications in Higher Education</p> <p><b>Ibrahima Diallo</b>, Université Laval Disability Discrimination and the Effectiveness of Hiring Subsidies: A Job-Search Approach</p> <p><b>Mevlude Akbulut-Yuksel</b>, Dalhousie University I Can't Get No Satisfaction: The Effect of the Quebec Parental Insurance Plan on Parents' Life Satisfaction</p>	
	<p><b>Session 2B Housing</b> Chair: TBD</p> <p><b>Andrea Craig</b>, University of Windsor Housing Price Network Effects from Public Transit Investment: Evidence from Vancouver</p> <p><b>Grant Schellenberg</b>, Statistics Canada Well-being Among Residents of Lower-, Middle- and Upper-Income Apartment Buildings</p> <p><b>Marie Connolly</b>, UQAM Intergenerational Income Mobility and Housing in Canada: A Study of Five Successive Birth Cohorts</p>	
	<p><b>Session 2C Aging</b> Chair: TBD</p> <p><b>Luc Clair</b>, University of Winnipeg Estimating the Relationship Between Cardiovascular Disease and Dementia</p>	



	<p><b>Susan McDaniel</b>, University of Lethbridge Cumulative Effect of Multi-morbidity on Survival from Mid- to Late Life Among Canadians</p> <p><b>Natalie Thirakul</b>, University of Toronto Predictors of Food Insecurity in Seniors: A Canadian Perspective</p>	
12:00 – 13:00	<b>Lunch</b>	
13:00 - 13:45	<p><b>Keynote Address</b> Introduction by: TBD</p> <p><b>Erin Strumpf</b>, McGill University</p>	
13:45 – 14:00	<b>Health Break</b>	
<b>Thursday, October 24</b>		
14:00-14h30	<p><b>Poster session A Living, Working, and Caring in Canada</b></p> <p><b>Arezoo Banihashem</b>, Concordia University Income Support Policy in Quebec: Outcomes and Simulations</p> <p><b>Mallory Ross</b>, Dalhousie University Indigenous Peoples in Canada: Discrimination and the Earnings Gap</p> <p><b>Brittany Milton</b>, Statistics Canada The Recession and Beyond: Understanding Labour Market Recovery Using Linked Labour Force Survey and Administrative Data</p> <p><b>Gilbert Montcho</b>, Université de Montréal Who Are the Under-employed: Evidence from the Canadian Income Survey</p> <p><b>Patrick Berrigan</b>, University of Calgary Employment, Education, and Income for Canadians with Disabilities: Analysis from the 2017 Canadian Survey on Disability</p> <p><b>Sterling Edmonds</b>, Dalhousie University Assessing Progressivity and Catastrophic Effect of Out-of-pocket Payments for Healthcare in Canada: 2010–2015</p> <p><b>Faith Ocran</b>, University of Saskatchewan The Determinants of Catastrophic Out-of-pocket Prescription Drugs Payments in Canada</p> <p><b>Christiane Liliane Kammogne</b>, Université de Montréal Les traits d'identité culturelle en lien avec le statut d'immigrant et l'ethnicité : Quel lien avec les symptômes de détresse?</p> <p><b>Clara Kaufmann</b>, McGill University Neighborhood Fast Food Access and Fast Food Consumption Across the Social Gradient in Canada</p>	

	<p><b>Dr. Judith Read Guernsey</b>, Dalhousie University Dwelling Characteristics and Environmental Predictors of Air Quality in Rural and Urban Canadian Homes</p> <p><b>Mona Mohammadnia</b>, University of Manitoba Examining the Association Between Canadian Care Recipients' Reason for Care and Caregivers' Life Satisfaction</p> <p><b>Lan Wei</b>, Statistics Canada Trends in Parental Time Allocated to Child care: Evidence from Canada, 1986-2010</p> <p><b>Craig Scott</b>, University of Calgary Suitability of the Market Basket Measure for Poverty in Disabled Populations: Analysis from the Canadian Survey on Disability</p> <p><b>Hossam Ali-Hassan</b>, York University Internet Non-use Among the Canadian Older Adult Population</p>	
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**Thursday, October 24**

	<p><b>Session 3A Employment Trends</b> Chair: TBD</p> <p><b>Danielle Lamb</b>, Ryerson University Trends in Non-Standard Employment in Canada</p> <p><b>Jeffrey Hicks</b>, University of British Columbia Stepping Stone or Slipping Stone? Part-Time Work While on Employment Insurance</p> <p><b>Xavier St Denis</b>, University of Toronto The Emergence of Job Insecurity and Job Hopping in Canada, 1976-2018</p> <p><b>Miana Plesca</b>, University of Guelph Precarious Employment and Poverty</p>	
14:30 – 16:00	<p><b>Session 3B: Gender Issues and Gender Gaps</b> Chair: TBD</p> <p><b>Richard Mueller</b>, University of Lethbridge The Gender Pay Gap in the Public Sector: Evidence from the Labour Force Survey</p> <p><b>Rachelle Pelletier</b>, Statistics Canada The Gender Wage Gap in Canada, 1998-2018</p> <p><b>Behnoush Amery</b>, Labour Market Information Council Post-secondary Education and Gender Earnings Differentials: Evidence from PSIS-tax Linked Administrative Data in Canada</p> <p><b>Min Hu</b>, Dalhousie University Mind the Gap: What Factors Determine the Lower Health Status of Women Relative to Men Among Indigenous Canadians Living Off-reserve</p>	

## Thursday, October 24

14:30 - 16:00	<p><b>Session 3C Food Insecurity and Food Policy</b> Chair: TBD</p> <p><b>Fei Men</b>, University of Toronto Higher Acute Care Utilization and Expenditure Associated with Food Insecurity in Canada</p> <p><b>Andrew Stevenson</b>, McGill University The Development of New Food Environment Measures in Canada and Their Associations with Diet and Measured Health Outcomes</p> <p><b>Kris Inwood</b>, University of Guelph Long Run Changes in the Body Mass Index of Adults in Three Food Abundant Settler Societies: Australia, Canada and New Zealand</p> <p><b>Victoria Gaudin</b>, Western University The Impact of School Nutrition Policies on Diet Quality of Children and Youth in Canada</p>	
16:00 – 16:15	<b>Health Break</b>	
16:15 – 17:00	<p><b>Armchair Discussion CRDCN and Statistics Canada Strategic Directions</b> Facilitator: Michelle Gauthier</p> <p><b>Martin Taylor</b>, Executive Director, CRDCN</p> <p><b>Jacques Fauteux</b>, Assistant Chief Statistician, Strategic Engagement and Communications, Statistics Canada</p>	
1800 - 21:00	<b>Conference Dinner</b>	
<b>Friday, October 25</b>		
8:00 - 9:00	<b>Registration</b>	
8:15 – 8:50	<p><b>Working Breakfast Measuring the Socio-economic Gap Between Indigenous and Non-Indigenous Communities Over 35 Years: The Community Well-Being Index 1981-2016</b> Introduction by: TBD</p> <p><b>Tim Leonard</b>, Crown-Indigenous Relations and Northern Affairs Canada</p>	
9:00 – 10:30	<p><b>Session 4A Migration: In and within Canada</b> (cohosted with ARGEIAD) Chair: TBD</p> <p><b>Annie (Yazhuo) Pan</b>, University of Waterloo Family, Work and Income Trajectories of Women Immigrants in Canada</p> <p><b>Fariba Solati</b>, St. Thomas University, and <b>Murshed Chowdhury</b>, UNB To Work or Not to Work? The Case of Middle Eastern and North African Immigrant Women in Canada</p>	

	<p><b>Derek Messacar</b>, Statistics Canada Economic Conditions, Sense of Belonging, and Regional Out-Migration in Canada</p> <p><b>Ryan Lochhead</b>, Saint Mary's University Understanding the Probability of Interprovincial Migration in Canada</p>	
	<p><b>Session 4B Determinants of Health</b> Chair: TBD</p> <p><b>Adriana Angarita-Fonseca</b>, University of Saskatchewan Longitudinal Association Between Physical Activity and Chronic Back Disorders in Canadian Adults, 1994-2011</p> <p><b>Thomas Herrmann</b>, McGill University Meeting Moderate-to-Vigorous Physical Activity 'Automatically' in Active Living Environments</p> <p><b>Nelson Lau</b>, Memorial University of Newfoundland Exposure to NO<sub>2</sub> in Children and Early Onset Asthma: A Preliminary Study</p> <p><b>Teresa L. Cyrus</b>, Dalhousie University Import Exposure and Health Status</p>	
10:30 – 10:45	<b>Health Break</b>	
<b>Friday, October 25</b>		
10:45 – 11:15	<p><b>Poster session B Health and Health Services</b></p> <p><b>Oluwakemi Awe</b>, University of Saskatchewan Prevalence and Associated Biopsychosocial Factors of Pregnancy-related Back Pain After Childbirth in Canada</p> <p><b>Ping Zou</b>, Nipissing University Cardiovascular Disease Risk Factors in Midlife Immigrant Women</p> <p><b>Sarah Singh</b>, Western University Canadian Cardiovascular Health: Prevalence, Disparities, and Regional Differences</p> <p><b>Jennie Thompson</b>, Crown-Indigenous Relations and Northern Affairs Canada Health Trends Among Canada's Indigenous Population: Preliminary Findings from the Aboriginal People Survey 2017</p> <p><b>Romaisa Pervez</b>, Western University Social Connectedness and Mental Well-being in Transitional Aged Youth: A Comparison Between Canada and Ontario</p> <p><b>Caitlin Barry</b>, University of New Brunswick Social Interactions and the Relationship Between Sexual Orientation and Mental Health Outcomes for Canadians</p>	

	<p><b>Yingying Su</b>, University of Saskatchewan Childhood Maltreatment and Major Depressive Episode, Generalized Anxiety, and Suicidal Ideation</p> <p><b>Jinette Comeau</b>, Western University Core Housing Need and Children's Mental Health: Evidence from the 2014 Ontario Child Health Study</p> <p><b>Margaret Holland</b>, University of New Brunswick Hospital Utilization Among Children with Medical Complexity</p> <p><b>Sarah Bridges</b>, University of New Brunswick Centralized Access to Physical Activity Programs in Saint John, New Brunswick: Missing the Target?</p> <p><b>Jolianne Bolduc</b>, Université de Montréal Use of Administrative Data in the Evaluation of Nurse Staffing in Intensive Care</p> <p><b>Émilie Dufour</b>, Université de Montréal Improving Nursing Practice in Primary Care Through Audit and Feedback: A Pilot Study</p> <p><b>Zihao Sheng</b>, Dalhousie University Income-related Food Insecurity and Preventable Hospitalization Among Canadians with Diabetes</p> <p><b>Ismael Foroughi</b>, University of New Brunswick Weight Discrimination in the Canadian Healthcare System: Evidence from the Canadian Community Health Survey</p> <p><b>Michael Reaume</b>, University of Ottawa The Impact of Patient-provider Language Discordance on the Risk of Patient Harm</p> <p><b>Ellie Yu</b>, Canada Health Infoway Patient Engagement and Access to Digitally-enabled Health Services, Health System Utilization, and Self-reported Health Status</p>	
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**Friday, October 25**

11:15 – 12:00	<p><b>Keynote Address</b> (cohosted with ARGEIAD) Introduction by: Malcolm Butler, Vice-President Academic and Research, Saint Mary's University</p> <p><b>Arthur Sweetman</b>, McMaster University</p>	
12:00 – 13:00	<p><b>Lunch</b> (cohosted with ARGEIAD)</p>	
13:00 - 14:45	<p><b>Session 5A Immigrants' Health</b> (cohosted with ARGEIAD) Chair: TBD</p> <p><b>Sophiya Garasia</b>, McMaster University Heterogenous Impacts of Acute Cardiovascular Events on Economic Outcomes in Immigrant Populations in Canada</p> <p><b>Marie-Claire Robitaille</b>, Saint Mary's University</p>	

	<p>Son Preference among Migrants in Canada: Sex-Selective Abortions, Stopping Behaviour and Birth Spacing</p> <p><b>Tina Luu Ly</b>, Statistics Canada Contextualizing Cancer: Does Neighbourhood Ethnic Density Protect Immigrants from Cancer?</p> <p><b>Dimple Bhojwani</b>, University of Manitoba Examining the Relationship between Unmet Healthcare Needs and Healthcare Service Utilization by Immigration Status</p>	
<b>Friday, October 25</b>		
13:00 - 14:45	<p><b>Session 5B Methodological Issues and Innovation</b> Chair: TBD</p> <p><b>Wendy Kei</b>, University of British Columbia Bridging the Gap in Family Concepts Through the Use of Data Integration and Low-income Measures</p> <p><b>Liton Chakraborty</b>, University of Waterloo Constructing an Area-based Socioeconomic Status Index in the Context of Environmental Justice Assessment Across Canada</p> <p><b>Caroline King</b>, McGill University Developing a New Measure of Patient-Physician Attachment in Health Administrative Databases using Random Forests</p> <p><b>Jordan Edwards</b>, Western University Concordance Between Health Administrative Data and Structured Interview Diagnoses for Mood and Anxiety Disorders in Ontario</p> <p><b>Mutlu Yuksel</b>, Dalhousie University What Can Be Predicted From a National Health Survey? Is Cancer One of Them?</p>	
13:00 - 14:45	<p><b>Session 5C Education and Training</b> Chair: TBD</p> <p><b>Yigit Aydede</b>, Saint Mary's University Suboptimal Assortative Preferences in Choice of Major</p> <p><b>Ross Finnie</b>, University of Ottawa Earnings Trajectories of College and University Graduates by Credential: Evidence from PSE-tax Linked Administrative Data in Canada</p> <p><b>Kelly Foley</b>, University of Saskatchewan High School Math and Post-Secondary Schooling in Canada: What Can We Learn from Interprovincial Comparisons?</p> <p><b>Vincent Paquet</b>, Employment and Social Development Canada The Impacts of Apprenticeship Grants on the Progression and Completion of Apprenticeships</p>	

	<b>Nicholas Manuel</b> , University of Guelph Field of Study and Skill Mismatch Over the Lifecycle	
15:00	<b>Poster Awards and Farewell</b>	