The theme of this year’s conference – Advancing the Health and Well-being of Canadians - underlines the relevance and importance of CRDCN research in addressing health issues of high priority for Canada. The breadth and depth of the survey and administrative files accessed through the CRDCN provide an unrivalled data base for conducting rigorous research which both advances the frontiers of knowledge and critically informs public policy development. Our conference serves as an annual showcase for research conducted both by our established and emerging scholars. Aligned with the objectives of the CRDCN’s new strategic plan to support and enable a vibrant research community, we are strongly committed to the conference being a forum for the next generation of researchers - our graduate students - both to present their work and to benefit from their interactions with more senior colleagues. To this end, we provide conference funding for student presenters and have also introduced an emerging scholars grant program to support their research in their home universities. On behalf of the CRDCN, I thank our sponsors and Dalhousie as this year’s host university. I especially acknowledge the great efforts of Casey Warman and the organizing and scientific committees for preparing what promises again to be a stimulating conference programme. I look forward to being with you in Halifax.

S. Martin Taylor
Executive Director
Canadian Research Data Centre Network

I am so pleased to welcome all of you to Halifax for the 17th Canadian Research Data Centre Network (CRDCN) Conference hosted by the Atlantic RDC at Dalhousie University. This conference was a large undertaking and I am incredibly grateful to everyone who has helped put this together. I would like to thank my Organizing Committee, Sarah Fortin and Yasmine Amiri, for their tireless efforts throughout the year, and I would like to thank my Scientific Committee for their work, as well as Monique Comeau and many other people who made the event possible. In addition, I have to extend my gratitude to all the sponsors who made this conference possible. I am looking forward to all our presentations and poster sessions to see the great research done across Canada. We hope you have a chance to enjoy the work of fellow researchers and attend our presentations by our keynotes, Arthur Sweetman and Erin Strumpf.

Casey Warman
Academic Director
Atlantic RDC, Dalhousie University
Organizing Committee

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

Yasmine Amirkhahali
Assistant Project Coordinator, Atlantic RDC

Sarah Fortin
Canadian Research Data Centre Network

Assisted by
Monique Comeau
Dalhousie University

Data Workshops by
Kelly Cranswick
Statistics Canada

Lisa Oliver
Statistics Canada

Scientific Committee

Ather Akbari
Economics, Saint Mary’s University

Andrea Craig
Economics, University of Windsor

Angela Daley
Economics, University of Maine

Michael Haan
Sociology, Western University

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 as well as the dinner will be held at the Hotel Halifax located at 1990 Barrington Street.
The Baronet room is on the top floor of the hotel.
The breakout rooms are on the first floor (Mayflower/Mackay and McNab/Macdonald rooms).

The welcome reception will be at The Carleton located at 1685 Argyle Street.

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.

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
- Wi-Fi will be available at the Hotel Halifax and at Dalhousie University
Our Keynote Speakers

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.

Erin Strumpf

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.

Arthur Sweetman

Conference Programme at a Glance

**Wednesday, October 23**

9:00 – 17:00  Preconference Workshops  Dalhousie University
18:00 – 20:00 Welcome Reception  The Carleton

**Thursday, October 24 – Hotel Halifax**

7:30 - 7:30:30  Registration  Foyer (8th floor)
7:30 - 8:30  Continental Breakfast - Sponsor: Saint Mary’s University  The Baronet
7:50 - 8:25  Emerging Scholars Breakfast  Mayflower/Mackay
8:30 - 9:00  Words of Welcome  The Baronet
9:15 - 10:30  Simultaneous Sessions  The Baronet
10:30 - 11:00  Health Break  The Baronet
11:00 - 12:00  Simultaneous Sessions  The Baronet
12:00 - 13:00  Lunch  The Baronet
13:00 - 13:45  Keynote Address by Erin Strumpf - Sponsor: Dalhousie University  The Baronet
13:45 - 14:00  Health Break  The Baronet
14:00 - 14:30  Poster Session  The Baronet
14:30 - 16:00  Simultaneous Sessions  The Baronet
16:00 - 16:20  Health Break – Sponsor: Analysis Group  The Baronet
16:20 - 17:00  Armchair Discussion  The Baronet
18:00 - 22:00  Conference Dinner  The Baronet

**Friday, October 25 – Hotel Halifax**

7:30 - 7:30:30  Registration  Foyer (8th floor)
8:00 - 9:00  Continental Breakfast - Sponsor: Nova Scotia Office of Immigration  The Baronet
8:00 - 8:30  Working Breakfast  The Baronet
9:15 - 10:30  Simultaneous Sessions  The Baronet
10:30 - 10:45  Health Break  The Baronet
10:45 - 11:15  Poster Session  The Baronet
11:15 - 12:00  Keynote Address by Arthur Sweetman – Cohost: ARGEIAD Sponsor: Immigration, Refugees and Citizenship Canada  The Baronet
12:00 - 13:00  Lunch  The Baronet
13:00 - 14:50  Simultaneous Sessions  The Baronet
14:50 - 15:00  Health Break  The Baronet
15:00 - 16:30  Poster Awards and Closing Remarks  The Baronet
Detailed Conference Programme

Preconference Workshops – Wednesday, October 23

8:30 - 9:00  Registration

9:00 - 12:00  New and Forthcoming Datasets in the RDCs (1)
              Student Union Building (room 224)

              Introduction to SAS
              Kenneth C. Rowe Management Building (room 3080)

12:00 - 13:00  Lunch (on your own)
              Food court on site (or nearby)

13:00 - 17:00  New and Forthcoming Datasets in the RDCs (2)
              Student Union Building (room 224)

              Intermediate SAS
              Kenneth C. Rowe Management Building (room 3080)

18:00 – 20:00  Welcome Reception
              The Carleton

Main Conference – Thursday, October 24

7:30 - 8:00  Registration
             Foyer (8th floor)

7:30 - 8:30  Continental Breakfast - Sponsored by Saint Mary’s University
             The Baronet

7:50-8:25  Emerging Scholars Breakfast
           With Martin Taylor and Michelle Gauthier
           Mayflower/Mackay

8:30 - 9:00  Words of Welcome
              Casey Warman, Academic Director, Atlantic RDC, Dalhousie University
              Graham Gagnon, Associate Vice President Research, Dalhousie University
              Martin Taylor, Executive Director, CRDCN

9:15 - 10:30  Session 1A Seniors and Older Workers
              Chair: Byron Spencer, McMaster University
              Daniel Naud, Université de Sherbrooke Environmental Characteristics Associated with Social Participation of Seniors in Quebec
              Fatima Siblini, Concordia University The Effect of Informal Parental Care on Caregivers Retirement Decision in Canada
              James Stutely, McMaster University Employment Income Bunching Among Older Workers: Evidence from Canada’s Guaranteed Income Supplement

10:30 - 11:00  Health Break

11:00 - 12:00  Session 2A Employment Policy
               Chair: Min Hu, Dalhousie University
               Diana Alessandrini, St. Francis Xavier University Minimum Wage Policy Implications in Higher Education
               Ibrahima Diallo, Université Laval Disability Discrimination and the Effectiveness of Hiring Subsidies: A Job-Search Approach
               Mehdi Akbulut-Yuksef, Dalhousie University I Can't Get No Satisfaction: The Effect of the Quebec Parental Insurance Plan on Parents’ Life Satisfaction

11:00 - 12:00  Session 2B Housing
               Chair: Ather Akbari, Saint Mary's University
               Andrea Craig, University of Windsor Housing Price Network Effects from Public Transit Investment: Evidence from Vancouver
               Grant Schellenberg, Statistics Canada Well-Being Among Residents of Lower-, Middle- and Upper-Income Apartment Buildings
               Marie Connolly, UQAM Intergenerational Income Mobility and Housing in Canada: A Study of Five Successive Birth Cohorts

11:00 - 12:00  Session 2C Aging
               Chair: Kelly Foley, University of Saskatchewan
               Luc Clair, University of Winnipeg Estimating the Relationship Between Cardiovascular Disease and Dementia
               Md Kamrul Islam, University of Lethbridge Cumulative Effect of Multi-Morbidity on Survival from Mid-to Late Life Among Canadians
               Natalie Thirakul, University of Toronto Predictors of Food Insecurity in Seniors: A Canadian Perspective
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<tr>
<th>Time</th>
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<td>12:00 - 13:00</td>
<td>Lunch</td>
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<td>13:00 - 13:45</td>
<td>Keynote Address - Sponsored by Dalhousie University Introduction by Andrew Bjerring, Chair, CRDCN Board of Directors</td>
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<td>13:45 - 14:00</td>
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**Thursday, October 24**

**Poster session A Living, Working, and Caring in Canada**

**Areezoo Banhashem, Concordia University**
Income Support Policy in Quebec: Outcomes and Simulations

**Mallory Ross, Dalhousie University**
Indigenous Peoples in Canada: Discrimination and the Earnings Gap

**Brittany Milton, Statistics Canada**
The Recession and Beyond: Understanding Labour Market Recovery Using Linked Labour Force Survey and Administrative Data

**Gilbert Moutcho, Université de Montréal**
Who Are the Under-Employed: Evidence from the Canadian Income Survey

**Patrick Berrigan, University of Calgary**
Employment, Education, and Income for Canadians with Disabilities: Analysis from the 2017 Canadian Survey on Disability

**Sterling Edmonds, Dalhousie University**

**Faith Ocran, University of Saskatchewan**
The Determinants of Catastrophic Out-of-Pocket Prescription Drugs Payments in Canada

**Christiane Liliane Kammogne, 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?

**Clara Kaufmann, McGill University**
Neighborhood Fast Food Access and Fast Food Consumption Across the Social Gradient in Canada

**Dr. Judith Read Guerney, Dalhousie University**
Dwelling Characteristics and Environmental Predictors of Air Quality in Rural and Urban Canadian Homes

**Mona Mohammadnia, University of Manitoba**
Examining the Association Between Canadian Care Recipients’ Reason for Care and Caregivers’ Life Satisfaction

**Lan Wei, Statistics Canada**

**Thursday, October 24**

**Session 3A Employment Trends**
Chair: Stéphanie Lluis, University of Waterloo

**Jeffrey Hicks, University of British Columbia**
Stepping Stone or Slipping Stone? Part-Time Work While on Employment Insurance

**Xavier St Denis, University of Toronto**
The Emergence of Job Insecurity and Job Hopping in Canada, 1976-2018

**Miana Plesca, University of Guelph**
Precarious Employment and Poverty

**Session 3B: Gender Issues and Gender Gaps**
Chair: Carole Vincent, Queen’s Interuniversity Centre for Social Statistics

**Richard Mueller, University of Lethbridge**
The Gender Wage Gap in the Public Sector: Evidence from the Labour Force Survey

**Rachelle Pelletier, Statistics Canada**
The Gender Wage Gap in Canada, 1998-2018

**Behnoush Amery, Labour Market Information Council**
Post-Secondary Education and Gender Earnings Differentials: Evidence from PSLIS-Tax Linked Administrative Data in Canada

**Min Hu, Dalhousie University**
Mind the Gap: What Factors Determine the Lower Health Status of Women Relative to Men Among Indigenous Canadians Living Off-Reserve

**Session 3C Food Insecurity and Food Policy**
Chair: Joniada Milla, Saint Mary’s University

**Fei Men, University of Toronto**
Higher Acute Care Utilization and Expenditure Associated with Food Insecurity In Canada

**Andrew Stevenson, McGill University**
The Development of New Food Environment Measures in Canada and Their Associations with Diet and Measured Health Outcomes

**Kris Inwood, University of Guelph**
Long Run Changes in the Body Mass Index of Adults in Three Food Abundant Settler Societies: Australia, Canada and New Zealand

**Victoria Gaudin, Western University**
The Impact of School Nutrition Policies on Diet Quality of Children and Youth in Canada
**FRIDAY, OCTOBER 25**

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<td>8:00 - 9:00</td>
<td>Continental Breakfast - Sponsored by Nova Scotia Office of Immigration</td>
<td>The Baronet</td>
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<td>8:00 - 8:30</td>
<td>Working Breakfast Measuring the Socio-Economic Gap Between Indigenous and Non-Indigenous Communities Over 35 Years: The Community Well-Being Index, 1981-2016 Introduction by: Martin Taylor, CRDCN</td>
<td>The Baronet</td>
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<td>9:00 - 10:30</td>
<td>Session 4A Migration: In and Within Canada - Co-hosted with ARGEJAD Chair: Moira Clancy, Nova Scotia Office of Immigration Martin Cooke, University of Waterloo Family, Work and Income Trajectories of Women Immigrants in Canada Fariba Solati, St. Thomas University and Murshed Chowdhury, University of New Brunswick To Work or Not to Work? The Case of Middle Eastern and North African Immigrant Women in Canada Derek Messacar, Statistics Canada Economic Conditions, Sense of Belonging, and Regional Out-Migration in Canada Ryan Lochead and Ather Akbari, Saint Mary’s University Understanding the Probability of Interprovincial Migration in Canada</td>
<td>The Baronet</td>
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<td>9:00 - 10:30</td>
<td>Session 4B Determinants of Health Chair: Melvude Akbulut-Yuksel, Dalhousie University Adriana Angarita-Fonseca, University of Saskatchewan Longitudinal Association Between Physical Activity and Chronic Back Disorders in Canadian Adults, 1994-2011 Thomas Herrmann, McGill University Meeting Moderate-to-Vigorous Physical Activity ‘Automatically’ in Active Living Environments Nelson Lau, Memorial University of Newfoundland Exposure to NO2 in Children and Early Onset Asthma: A Preliminary Study Teresa L. Cyrus, Dalhousie University Import Exposure and Health Status</td>
<td>Mayflower/Mackay</td>
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<td>Health Break</td>
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<td>10:45 - 11:15</td>
<td>Margaret Holland, University of New Brunswick Hospital Utilization Among Children with Medical Complexity Sarah Bridges, University of New Brunswick Centralized Access to Physical Activity Programs in Saint John, New Brunswick: Missing the Target? Jolianne Bolduc, Université de Montréal Use of Administrative Data in the Evaluation of Nurse Staffing in Intensive Care Émilie Dufour, Université de Montréal Improving Nursing Practice in Primary Care Through Audit and Feedback: A Pilot Study Zhaoyi Sheng, Dalhousie University Income-Related Food Insecurity and Preventable Hospitalization Among Canadians with Diabetes Ismael Foroughi, University of New Brunswick Weight Discrimination in the Canadian Healthcare System: Evidence from the Canadian Community Health Survey Michael Reaume, University of Ottawa The Impact of Patient-Provider Language Discordance on the Risk of Patient Harm Elly Yu, Canada Health Infoway Patient Engagement and Access to Digitally-Enabled Health Services, Health System Utilization, and Self-Reported Health Status</td>
<td>The Baronet</td>
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**Friday, October 25**

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<td>11:15 - 12:00</td>
<td>Keynote Address - Cohosted with ARGEIAD and sponsored by Immigration, Refugees and Citizenship Canada&lt;br&gt;Introduction by Malcolm Butler, Vice-President Academic and Research, Saint Mary’s University&lt;br&gt;Arthur Sweetman, McMaster University&lt;br&gt;Canadian Immigration Policy and Research: Looking Backward to Move Forward&lt;br&gt;Concluding remarks by Omit Kiziltan, Immigration, Refugees and Citizenship Canada</td>
<td>The Baronet</td>
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<td>12:00 - 13:00</td>
<td>Lunch - Cohosted with ARGEIAD</td>
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<td>13:00 - 14:45</td>
<td>Session 5A Immigrants’ Health - Cohosted with ARGEIAD&lt;br&gt;Chair: Mohammad Hajizadeh, Dalhousie University&lt;br&gt;Sophiya Garasia, McMaster University&lt;br&gt;Heterogenous Impacts of Acute Cardiovascular Events on Economic Outcomes in Immigrant Populations in Canada&lt;br&gt;Marie-Claire Robitaille, Saint Mary’s University&lt;br&gt;Sex and Preference among Migrants in Canada: Sex-Selective Abortions, Stopping Behaviour and Birth Spacing&lt;br&gt;Tina Luu Ly, Statistics Canada&lt;br&gt;Contextualizing Cancer: Does Neighbourhood Ethnic Density Protect Immigrants from Cancer?&lt;br&gt;Dimple Bhojwani, University of Manitoba&lt;br&gt;Examining the Relationship between Unmet Healthcare Needs and Healthcare Service Utilization by Immigration Status</td>
<td>The Baronet</td>
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<td>13:00 - 14:45</td>
<td>Session 5B Methodological Issues and Innovation&lt;br&gt;Chair: Donna Dosman, Statistics Canada&lt;br&gt;Wendy Kel, University of British Columbia&lt;br&gt;Bridging the Gap in Family Concepts Through the Use of Data Integration and Low-Income Measures&lt;br&gt;Liton Chakraborty, University of Waterloo&lt;br&gt;Constructing an Area-Based Socioeconomic Status Index in the Context of Environmental Justice Assessment Across Canada&lt;br&gt;Caroline King, McGill University&lt;br&gt;Developing a New Measure of Patient-Physician Attachment in Health Administrative Databases using Random Forests&lt;br&gt;Jordan Edwards, Western University&lt;br&gt;Concordance Between Health Administrative Data and Structured Interview Diagnoses for Mood and Anxiety Disorders in Ontario&lt;br&gt;Mutlu Yuksel, Dalhousie University&lt;br&gt;What Can Be Predicted From a National Health Survey? Is Cancer One of Them?</td>
<td>Mayflower/Mackay</td>
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<td>14:45 - 15:00</td>
<td>Session 5C Education and Training&lt;br&gt;Chair: Ted McDonald, University of New Brunswick&lt;br&gt;Yigit Aydede, Saint Mary’s University&lt;br&gt;Suboptimal Assortative Preferences in Choice of Major&lt;br&gt;Ross Finnies, University of Ottawa&lt;br&gt;Earnings Trajectories of College and University Graduates by Credential: Evidence from PSE-Tax Linked Administrative Data in Canada&lt;br&gt;Kelly Foley, University of Saskatchewan&lt;br&gt;High School Math and Post-Secondary Schooling in Canada: What Can We Learn from Interprovincial Comparisons?&lt;br&gt;Vincent Paquet, Employment and Social Development Canada&lt;br&gt;The Impacts of Apprenticeship Grants on the Progression and Completion of Apprenticeships&lt;br&gt;Nicholas Manuel, University of Guelph&lt;br&gt;Field of Study and Skill Mismatch Over the Lifecycle</td>
<td>McNab/Macdonald</td>
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<td>15:00 - 15:45</td>
<td>Poster Awards and Farewell</td>
<td>The Baronet</td>
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CRDCN Central Staff

Martin Taylor - Executive Director
Michelle Gauthier - Special Advisor to the Executive Director
Byron Spencer - Research Program Director
Grant Gibson - Assistant Research Program Director
Dave Haans - Information Officer
Seppo Sahrakorpi - Lead IT Architect (High Performance Computing)
Mike Pikolon - Technical Support Specialist (High Performance Computing)
Joe Di Francesco - Network Operations Manager

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Andrew Bjerring

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Jim Dunn
Daniel Silver
Benoit Dostie
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