

**Curriculum Vitae
Tyler S. Williamson**

I. BIOGRAPHICAL DATA

Address: Centre for Health Informatics
Cumming School of Medicine
University of Calgary
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Calgary, Alberta T2N 4Z6

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Present Rank: Associate Professor
Department of Community Health Sciences
Cumming School of Medicine
University of Calgary

Institutes: O'Brien Institute for Public Health
Alberta Children's Hospital Research Institute

II. ACADEMIC RECORD

PhD Department of Community Health Sciences, PhD in Biostatistics
2007-2011 University of Calgary – Calgary, Alberta
Thesis: Log-Binomial Models: Maximum Likelihood and Failed Convergence
Thesis Supervisors: Misha Eliasziw, PhD and Gordon H. Fick, PhD

MSc Department of Community Health Sciences, MSc in Biostatistics*
2005-2007 University of Calgary – Calgary, Alberta
Thesis: The Concurrent Assessment of Inter and Intra-Rater Reliability
Thesis Supervisors: Misha Eliasziw, PhD and Gordon H. Fick, PhD
**Did not defend – switched to PhD program*

BSc Department of Mathematics and Statistics, BSc in Biostatistics
1999 – 2005* University of Calgary - Calgary, Alberta
**I interrupted my studies from 2000 to 2002 for a humanitarian mission. I resumed my studies upon my return to Canada in 2002.*

III. AWARDS & DISTINCTION

- 2018 **NAPCRG New Investigator Award**
This award recognizes outstanding work as a new primary care investigator within the North American Primary Care Research Group (NAPCRG) the largest primary care research organization in the world.
- 2017 **Health Quality Council of Alberta Patient Experience Award**
Our team (led by Dr. Jennifer Thull-Freedman) was selected as one of 4 teams to receive this award as our work in promoting analgesia in children following fractures demonstrates a commitment to improving the patient experience.
- 2017 **Nomination for O'Brien Institute Mid-Career Research Award**
Nominated by my department, this award recognizes outstanding work by a member of the O'Brien Institute for Public Health who is more than 5 years post-PhD.
- 2017 **Nomination for AHS President's Excellence Award**
Nominated in Patient and Family Centered Care for the "Calgary Emergency Department Commitment to Comfort Collaborative".
- 2016 **Nomination for Graduate Teaching Award**
Nominated by the graduate students in the Department of Community Health Sciences for excellence in teaching for both MDCH 610 (Essentials of Biostatistics) and MDCH 681 (Health Research Methods).
- 2016 **Nomination for New Investigator Research Award**
Nominated by my colleagues, this award recognizes outstanding work as a new primary care investigator within the North American Primary Care Research Group (NAPCRG) the largest primary care research organization in the world.
- 2012 **Nomination for the Pierre Robillard Award**
Nominated by my PhD supervisor for this award within the Statistical Society of Canada (SSC) that recognizes the best dissertation published in statistics or biostatistics in the past year.
- 2010 **Graduate Teaching Excellence**
Nominated by my peers, this departmental award recognizes Teaching Assistants who go above and beyond expectations in graduate education.
- 2009 **Outstanding Contribution to Teaching**
Nominated by my peers, this award is given by the Graduate Students Association to a Teaching Assistant who exemplifies outstanding commitment to teaching.

- 2008 **Outstanding Contribution to Teaching**
Nominated by my peers, this award is given by the Graduate Students Association to a Teaching Assistant who exemplifies outstanding commitment to teaching.
- 2006-2010 **Nomination for Outstanding Contribution to Teaching**
Winner of this award in 2008 and 2009. Nominated by my peers 5 consecutive years between 2006 and 2010.
- 2007 **Graduate Teaching Excellence**
Nominated by my peers, this departmental award recognizes Teaching Assistants who go above and beyond expectations in graduate education.
- 2007-2011 **Alberta Heritage Foundation for Medical Research Studentship**
Annual stipend of \$18,000 stipend and \$1,500 research allowance.
- 2008 **Best Trainee-led Research Project Award**
Awarded at the Canadian Association of Emergency Physicians annual conference.
- 2007 **Alberta Learning Graduate Student Scholarship**
Nominated by the Department of Community Health Sciences, \$2,000 graduate scholarship.
- 2006 **Province of Alberta Graduate Studentship**
Nominated by the Department of Community Health Sciences and the Faculty of Graduate Studies. The award included a stipend of \$7500. I relinquished this award in 2007 when I received an AHFMR Studentship.
- 2005 **Peer Teaching Award**
Nominated by my students and faculty in the Department of Community Health Sciences, this award recognizes “exceptional commitment to peer mentorship and teaching.” The award included a \$250 cash prize.

IV. ACADEMIC APPOINTMENTS

- 2019- Associate Professor of Biostatistics
Department of Community Health Sciences, University of Calgary
- 2018- Director
Health Data Science Program, Department of Community Health Sciences

2018-	Associate Director Centre for Health Informatics
2014-2019	Assistant Professor of Biostatistics Department of Community Health Sciences, University of Calgary
2017-2019	Adjunct Assistant Professor Department of Community Health Sciences, University of Manitoba
2017-	Senior Data Scientist Canadian Primary Care Sentinel Surveillance Network
2011-2014	Senior Epidemiologist Canadian Primary Care Sentinel Surveillance Network Department of Family Medicine, Queen's University
2012-2014	Adjunct Assistant Professor Department of Family Medicine, Queen's University
2012-2014	Adjunct Assistant Professor Department of Public Health Sciences, Queen's University

V. EDUCATIONAL ACTIVITES

i. Educational Grants

2017-2020 \$10,000	Rocky Mountain Data Science Centre, CANSSI Health Sciences Collaborating Centre Canadian Statistical Sciences Institute Co-PI
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ii. Courses

MDCH 681: Health Research Methods

Department of Community Health Sciences, University of Calgary

Participants include graduate students in the department (core course)

My Role: Course Coordinator and Lead Instructor (Co-Instructor Maria Santana)

2017: 13 weeks with 5 contact hours per week (29 participants)

2016: 13 weeks with 5 contact hours per week (26 participants)

MDCH 610: Biostatistics I: Essentials of Biostatistics (cross listed as VETM 610)

Department of Community Health Sciences, University of Calgary

Participants include graduate students in the department (core course)

My Role: Course Coordinator and Instructor

2019: 13 weeks with 5 contact hours per week (64 participants)

2018: 13 weeks with 5 contact hours per week (60 participants)

2017: 13 weeks with 5 contact hours per week (63 participants)

2016: 13 weeks with 5 contact hours per week (59 participants)

2015: 13 weeks with 5 contact hours per week (50 participants)

2014: 13 weeks with 5 contact hours per week (39 participants)

Essential Biostatistics

Clinician Investigators Program, Cumming School of Medicine

Participants include medical residents pursuing either an MSc or PhD from across the CSM

My Role: Guest Instructor

2017: One 3-hour lecture (8 participants)

2016: One 3-hour lecture (6 participants)

2015: One 3-hour lecture (7 participants)

AEBM 440: Evidence Based Medicine

Undergraduate Medical Education, Cumming School of Medicine

Participants include medical students in their second year of medical school.

My Role: Guest Instructor

2019: One 1.5-hour lecture (150 participants)

2018: One 1.5-hour lecture (156 participants)

2017: One 1.5-hour lecture (144 participants)

MDCH 611: Biostatistics II: Models for Health Outcomes

Department of Community Health Sciences

Participants include graduate students in the department (core course)

My Role: Guest Judge and Evaluator

2015: 1 session of 4 contact hours (25 participants)

Introduction to Health Research Methods

Continuing Medical Education and Development, University of Calgary

Participants include physicians and other healthcare professionals

My Role: Module (Statistical Methods Overview) Instructor

2015: 1 session with 2 contact hours (15 online participants)

ACH Resident / Fellows Clinical Research Course

Alberta Children's Hospital, Department of Pediatrics, University of Calgary

Participants included residents and fellows from a variety of disciplines working at the Alberta Children's Hospital (ACH)

My Role: Small Group Lead

2015: five 3-hour group sessions (10 participants)

2014: five 3-hour group sessions (10 participants)

2010: five 3-hour group sessions (12 participants)

2010: twenty-four 1-hour individual tutorial sessions (1 participant)

FMED 601: Advanced Topics in Family Medicine Research

Department of Family Medicine, McGill University

Participants included DFM MSc students

My Role: Guest Lecturer

2012: one 4-hour lecture (6 participants)

Biostatistics without Pain and Suffering

Department of Family Medicine, University of Calgary

Participants included DFM staff, faculty and residents

My Role: Complete course development and delivery

Spring 2010: eight 1.5-hour lectures (14 participants)

Spring 2009: eight 1.5-hour lectures (8 participants)

MDCH 643.01: Essentials of Biostatistics

Department of Community Health Sciences, University of Calgary

Core course in the Department of Community Health Sciences - participants included CHS MSc and PhD students as well as students from other faculties/departments

My Role: Guest Lecturer - Delivered previously developed lecture

2010: two 1.5-hour lectures (36 participants)

2009: three 1.5-hour lectures (37 participants)

2008: two 1.5-hour lectures (35 participants)

2007: one 1.5-hour lecture (39 participants)

2006: one 1.5-hour lecture (57 participants)

My Role: Teaching Assistant - Facilitated small group discussion in twice weekly tutorials. As senior TA (2007-2010) I gave lectures when the instructor was absent and participated directly in the development and review of the midterm and final exams as well as their marking

2010: twenty-six 1-hour tutorials (12 participants)

2009: twenty-six 1-hour tutorials (13 participants)

2008: twenty-six 1-hour tutorials (12 participants)

2007: twenty-six 1-hour tutorials (13 participants)

2006: twenty-six 1-hour tutorials (20 participants)

MDCH 643.02: Biostatistics II: Models for Health Outcomes

Department of Community Health Sciences, University of Calgary

Core course in the Department of Community Health Sciences - participants included CHS MSc and PhD students as well as students from other faculties/departments

My Role: Guest Lecturer - Delivered previously developed lecture

2010: one 3-hour lecture (24 participants)

2009: one 3-hour lecture (26 participants)

2008: one 3-hour lecture (25 participants)

My Role: Teaching Assistant - Organized and delivered weekly tutorials. Played a critical role in course development providing weekly comments and feedback on draft lecture notes. Marked all assignments as well as the midterm and final exams with input from course instructor.

2010: thirteen 1-hour tutorials (24 participants)

2009: thirteen 1-hour tutorials (26 participants)

2008: fourteen 1-hour tutorials (25 participants)

2007: thirteen 1-hour tutorials (26 participants)

MDCH 643.03: Biostatistics III: Models for Repeated Measure & Time-to-Event Studies

Department of Community Health Sciences, University of Calgary

For elite students in the Department of Community Health Sciences - participants were admitted upon approval from instructor and usually included CHS PhD students only.

My Role: Instructor Assistant / Teaching Assistant - attended weekly lectures and provided supplementary comment when called upon by the instructor

2009: thirteen 3-hour lectures (9 participants)

iii. Supervision of Students

SUMMARY OF STUDENT SUPERVISION

STUDENT TYPE	PRIMARY SUPERVISOR	CO-SUPERVISOR	COMMITTEE MEMBER
DOCTORAL	4	2	9
MASTERS	3	3	2
UNDERGRADUATE	6	2	N/A
TOTAL	13	7	11

PRIMARY SUPERVISOR (GRADUATE STUDENTS) – CURRENT STUDENTS

2018- Primary Supervisor for Boglarka Soos
Degree/Program: PhD in Biostatistics, Department of Community Health Sciences, University of Calgary
Topic: Predicting Hospital Readmission Using Linked Health Datasets

2018- Primary Supervisor for Zhi (Sylvia) Aponte-Hao

Degree/Program: MSc in Epidemiology, Department of Community Health Sciences, University of Calgary

Topic: Developing a case definition for frailty in an EMR database)

- 2016- Primary Supervisor for Colin Weaver
Degree/Program: PhD in Biostatistics, Department of Community Health Sciences, University of Calgary.
Topic: Predicting hospitalization using primary care EMR data
- 2016- Primary Supervisor for Dr. Kate Skolnik
Degree/Program: MSc in Epidemiology, Department of Community Health Sciences, University of Calgary.
Topic: The Costs of Cystic Fibrosis Care in Canada
- 2016- Primary Supervisor for Simon Guienguere
Degree/Program: PhD in Biostatistics, Department of Community Health Sciences, University of Calgary.
Topic: Modeling patient flow in intensive care units
- 2015- Co-Supervisor for Stephanie Garies (Primary Supervisor Dr. Hude Quan)
Degree/Program: PhD in Health Services Research, Department of Community Health Sciences, University of Calgary
Topic: Epidemiology of Hypertension in a Canadian EMR Database

PRIMARY SUPERVISOR (GRADUATE STUDENTS) – COMPLETED

- 2017-2019 Co-Supervisor for Stephana Cherak (Student switched supervisor in 2019)
Degree/Program: PhD in Population/Public Health, Department of Community Health Sciences, University of Calgary
Topic: Prenatal Stress, Nutrients, and Child Development
- 2016-2018 Primary Supervisor for Jody Boffa (Assumed role from Dr. Robert Cowie in 2016)
Degree/Program: PhD in Epidemiology, Department of Community Health Sciences, University of Calgary.
Topic: Evaluating the Effectiveness and Acceptability of 6-month Isoniazid Preventive Therapy Amongst People Living with HIV in KwaZulu-Natal, South Africa. <http://hdl.handle.net/1880/106786>
- 2015-2018 Primary Supervisor for Brendan Cord Lethebe (Co-Supervisor Dr. Tolu Sajobi)
Degree/Program: MSc in Biostatistics, Department of Community Health Sciences, University of Calgary
Topic: Improving Case Detection in Electronic Medical Record Databases through Machine Learning Algorithms

- 2015-2016 Co-Supervisor for Elaina Kaufman (Supervisor Dr. Alexandra De Pokomandy)
Degree/Program: MSc in Family Medicine, Department of Family Medicine, McGill University
Topic: Risk factors for anal HPV in women living with HIV
- 2012 -2013 Co-Supervisor for Amal Al Zayadi (Co-Supervisors Dr. Richard Birwhistle and Dr. Duncan Hunter)
Degree/Program: MSc in Epidemiology, Department of Community Health and Epidemiology, Queen's University
Topic: The Influence of the Patients' Social Class in their Diabetes Management
- 2011 Practicum Co-Supervisor for Christine Cobbler
Degree/Program: MPH, Department of Community Health and Epidemiology, Queen's University
Topic: Understanding the Management of Hypertension in Ontario using Electronic Medical Record Data

PRIMARY SUPERVISOR (UNDERGRADUATE STUDENTS)

- Summer 2017 Primary Supervisor for Brendan Cord Lethebe (Co-Supervisors Dr. Maria Santana and Dr. Hude Quan)
Degree/Program: Summer Studentship, Department of Community Health Sciences, University of Calgary
Topic: Developing an EMR-based case definition for Frailty
- Summer 2016 Primary Supervisor for Sylvia Hao (Co-Supervisor Kerry McBrien)
Degree/Program: Summer Studentship, Department of Community Health Sciences, University of Calgary.
Topic: Describing the variability in antibiotic prescribing using a Canadian primary care EMR database
- Summer 2016 Primary Supervisor for Russell Pilling (Co-Supervisor Stephanie Garies – PhD Student)
Degree/Program: Summer Studentship, Department of Community Health Sciences, University of Calgary.
Topic: Case Definitions for Chronic Diseases in Canada
- Summer 2015 Primary Supervisor for Sylvia Hao (Co-Supervisors Dr. Maria Santana and Dr. Hude Quan)
Degree/Program: Summer Studentship, Department of Community Health Sciences, University of Calgary
Topic: Systematic Review of Administrative Case Definitions for Chronic Disease

- Summer 2015 Primary Supervisor for Brendan Cord Lethebe (Co-Supervisors Dr. Maria Santana and Dr. Hude Quan)
Degree/Program: Summer Studentship, Department of Community Health Sciences, University of Calgary
Topic: Systematic Review of Administrative Case Definitions for Chronic Disease
- Summer 2015 Co-Supervisor for Tina Guo (Primary Supervisor Dr. Maria Santana)
Degree/Program: Summer Studentship, Department of Community Health Sciences, University of Calgary
Topic: Systematic Review of Administrative Case Definitions for Chronic Disease
- Summer 2015 Co-Supervisor for Sophia Sun (Primary Supervisor Dr. Maria Santana)
Degree/Program: Summer Studentship, Department of Community Health Sciences, University of Calgary
Topic: Systematic Review of Administrative Case Definitions for Chronic Disease
- 2012 -2013 Primary Supervisor for Alanna Rigobon
Degree/Program: Undergraduate Thesis, Department of Community Health and Epidemiology, Queen's University
Topic: Can Electronic Medical Record Data be used for Healthy Weight Surveillance in Canada?

SUPERVISORY COMMITTEE MEMBER

- 2019- Committee Member for Yiming Qian (Primary Supervisor Dr. Joon Lee)
Degree/Program: MSc in Clinical Epidemiology, Department of Community Health Sciences, University of Calgary
Topic: Population-based study using local Alberta data to examine the risk of colorectal cancer after ERCP
- 2016- Committee Member for Anita Brobbey (Primary Supervisor Dr. Tolu Sajobi)
Degree/Program: PhD in Biostatistics, Department of Community Health Sciences, University of Calgary
Topic: Predictive Modeling of Health Outcomes
- 2016- Committee Member for Jessalyn Holodinsky (Primary Supervisor Dr. Michael Hill)
Degree/Program: PhD in Epidemiology, Department of Community Health Sciences, University of Calgary
Topic: Modelling and Optimizing Stroke Transport
- 2016- Committee Member for Ali Naqvi (Primary Supervisor Dr. Herman Barkema)
Degree/Program: PhD in Production Animal Health, Faculty of Veterinary Medicine, University of Calgary
Topic: Modeling mastitis in Canadian dairy cattle

- 2016-2018 Committee Member for Lixia Zhang (Primary Supervisor Dr. Lisa Lix)
Degree/Program: PhD in Biostatistics, Department of Community Health Sciences, University of Manitoba
Topic: Measuring Multimorbidity in Electronic Health Data
- 2015- Committee Member for Kamala Adhikari Dahal (Primary Supervisor Dr. Amy Metcalfe)
Degree/Program: PhD in Epidemiology, Department of Community Health Sciences, University of Calgary
Topic: Area-level Socioeconomic Status, Anxiety during Pregnancy and Preterm Birth
- 2015- Committee Member for Michael Sanderson (Primary Supervisor Dr. Scott Patten)
Degree/Program: PhD in Epidemiology, Department of Community Health Sciences, University of Calgary
Topic: Depression and Anxiety in Canada (TBD)
- 2015-2017 Committee Member for Alexis Mickle (Supervisors Dr. Christine Friedenreich and Dr. Darren Brenner)
Degree/Program: MSc in Epidemiology, Department of Community Health Sciences, University of Calgary
Topic: Influence of Antioxidant and Oxidant Properties of Diet on Leukocyte Telomere Length
- 2014-2018 Committee Member for Erin Hetherington (Primary Supervisors Dr. Suzanne Tough and Dr. Sheila McDonald)
Degree/Program: PhD in Epidemiology, Department of Community Health Sciences, University of Calgary
Topic: Social Support in a Pregnant and Perinatal Population
- 2014-2017 Committee Member for Chelsea Doktorchik (Primary Supervisors Dr. Shahirose Premji and Dr. Scott Patten)
Degree/Program: MSc in Epidemiology, Department of Community Health Sciences, University of Calgary
Topic: Temporal Changes of Biological and Psychosocial Responses to Stress in Women Who Delivered Preterm Infants
- 2013-2017 Committee Member for Kathryn Nicholson (Primary Supervisors Dr. Amardeep Thind and Dr. Amanda Terry)
Degree/Program: PhD in Epidemiology, Department of Epidemiology and Biostatistics, Western University
Topic: Multimorbidity in Canadian Primary Health Care: Examining Multiple Chronic Diseases using Electronic Medical Records

2012-2015 Committee Member for Julia Lukewich (Primary Supervisor Dr. Joan Tranmer)
Degree/Program: PhD in Nursing, School of Nursing, Queen's University
Topic: Primary care practice organizational attributes related to the Management of type 2 diabetes within the primary care setting: a Pan-Canadian study

INTERNAL/EXTERNAL EXAMINER

2018 Internal/External Candidacy Examiner. PhD Student: Devon Boyne
Specialization: Epidemiology
Department of Community Health Sciences, University of Calgary

2015 External Thesis Examiner. MSc Student: German
Specialization: Pure Mathematics
Department of Mathematics and Statistics, University of Calgary

VI. ADMINISTRATIVE APPOINTMENTS

i. Reviews

GRANT REVIEWS

2018, 2019 Canadian Institutes for Health Research
Spring Project Scheme Competition
Health Services Research 2 Committee

2017 Canadian Foundation for AIDS Research (External Review)
Invited reviewer for 1 grant in 2017

2015 O'Brien Institute for Public Health (Internal Review)
Internal peer-review prior to submission

2015 Department of Community Health Sciences (Internal Review)
3 AIHS studentship applications with written comments and feedback

2007 Centre for Advancement of Health, Alberta Health Services
5 grant reviews with written comments

GRADUATE STUDENT REVIEWS

2014-2016 Graduate Awards Committee (58 applications reviewed)
2014-2017 Achievers in Medical Science (AIMS) Review (3 applications reviewed)

PEER REVIEWS FOR JOURNALS

2019-	IJPDS (3 manuscripts)
2018-	Annals of Epidemiology (1 manuscript)
2017-	CMAJ (3 manuscripts)
2016-	eGEMs (2 manuscripts)
2016-	Dove Medical Press (2 manuscripts)
2015-	BMJ Open, Health & Care Informatics (6 manuscripts)
2015-	Family Practice (3 manuscript)
2013-	CMAJ Open (3 manuscripts)
2010-	Journal of Applied Statistics (2 manuscripts)
2008-2010	Open Medicine (8 manuscripts)
2009-	Canadian Journal of Emergency Medicine (3 manuscripts)

CONFERENCE ABSTRACTS

2019	NAPCRG Annual Meeting (25 abstracts)
2018	2018 International Population Data Linkage Network Conference (40 abstracts)
2014	Public Health 2014 (15 workshops and 21 panels)
2012	40th Annual Meeting of the North American Primary Care Research Group (8 abstracts)

OTHER REVIEWS

2017	Manitoba Centre for Health Policy Invited reviewer for report to Manitoba Ministry of Health
2016	University of Lethbridge Board of Governors Research Chair External review of candidate for chair position
2015	Cumming School of Medicine UME Admission Review Statistical review of the UME admission assessments for rater consistency

ii. Committees

2019	Search and Selection Committee (2 positions) Clinician Scientist in Precision Medicine Departments of Medicine and Community Health Sciences
2018-	Big Data Task Force (Nomination required by NAPCRG Board) North American Primary Care Research Group

2018-	Chair, Artificial Intelligence Day Cumming School of Medicine, University of Calgary
2017-2018	Healthy Outcomes Theme Co-Chair Alberta Children's Hospital Research Institute
2017-	Data Science Task Force Department of Community Health Sciences
2015-2017	Healthy Outcomes Theme Executive Alberta Children's Hospital Research Institute
2017	Search and Selection Committee Big Data Scientist Tenure-Track Faculty Position Departments of Community Health Sciences and Cardiovascular Sciences
2015-	University of Calgary Biostatistics Centre Executive
2015-	The Methods Hub Executive Committee O'Brien Institute for Public Health
2015-2019	Co-Chair, Committee for the Advancement of the Science of Family Medicine – Research Methods Working Group (Nomination Required) North American Primary Care Research Group (NAPCRG)
2015-	Research Advisory Committee Primary Healthcare Strategic Clinical Network, Alberta Health Services
2012-2015	NYC Macroscopic Scientific Advisory Committee NYC Department of Health and Mental Health
2014-2017	New Investigator Committee (Nomination Required by SSC President) Statistical Society of Canada
2014-2015	Graduate Awards Committee Faculty of Graduate Studies, University of Calgary
2013-2014	Public Health 2014 Conference Steering Committee Canadian Public Health Association
2012	EMR Expert Advisor Public Health Agency of Canada
2011-2014	Co-Chair, Surveillance and Research Standing Committee Canadian Primary Care Sentinel Surveillance Network

2011-2014	Knowledge Translation and Communication Committee Canadian Primary Care Sentinel Surveillance Network
2011-2014	Information Technology and Data Management Committee Canadian Primary Care Sentinel Surveillance Network
2012	Strategic Planning Committee Department of Family Medicine, Queen's University

Professional / Research Group Memberships

2018-	International Society of Clinical Biostatistics
2016-	International Population Data Linkage Network
2015-	World Health Organization Collaborating Centre
2015-	Pan-Canadian Real-World Health Data Network
2013-	Canadian Society of Epidemiology and Biostatistics (CSEB)
2013-	Canadian Public Health Association (CPHA)
2012-	Canadian Statistics Educator Network (CSEN)
2011-	North American Primary Care Research Group (NAPCRG)
2008-	Statistical Society of Canada (SSC), Biostatistics Section
2008-2016	Associate Member of the College of Family Physicians of Canada (Nomination required - includes MCFP professional designation)
2005-2012	Pediatric Emergency Research Canada (PERC)

Other Professional/Scientific Contributions

2012	Statistical Consultation – AltaLink Modeling the risk of power-outage due to tornado activity in Alberta
2009-2011	Invited Judge – Department of Family Medicine Research Day University of Calgary
2010	Statistical Consultation – World Health Organization Estimating the risk of serious adverse events following Yellow Fever vaccination

iii. Professional Development Activities

2018-2019	Cumming School of Medicine Leadership Training Program Invited by CHS Department Head Seven full-day session on various aspects of leadership
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2016

Effective Leadership Course (Marty Hegg, Instructor)
 Invited by Sponsoring Organization, O'Brien Institute for Public Health
 Six 3-hour sessions on various aspects of leadership

VII. RESEARCH

i. Research Funding

SUMMARY OF RESEARCH FUNDING HISTORY

SOURCE	PI	CO-PI	CO-I	TOTAL	AMOUNT (\$)
TRI-COUNCIL	1	5	8	14	\$11,667,670
ALBERTA INNOVATES	0	1	3	4	\$4,044,678
OTHER SOURCES	3	2	12	17	\$7,519,265
TOTAL	4	7	22	35	\$23,231,613

CURRENT FUNDING

2020-2021 \$746,000	Validate Genomic Biomarkers to identify High-risk Smokers for Targeted Lung Cancer Screenings AI CSRIO II Grant Co-PI (PI Dr. Edwin Wang)
2019-2024 \$525,000	AI for public health (AI4PH): A focus on equity and prevention CIHR Summer institute on Equitable AI for Public Health Co-I (NPI Dr. David Buckeridge)
2019-2027 \$2,317,634	Paving the Way for ICD-11 Adoption to Advance Health Information CIHR Foundation Grant Co-I (PI Dr. Hude Quan)
2019-2024 \$971,550	Role of the gut microbiota and physiological systems underlying internalizing problems during the transition from childhood to adolescence CIHR Project Grant Co-I (PI Dr. Gerald Giesbrecht)

2019-2021 \$325,890	Connect 2 Care: Evaluation of a novel community outreach program for socially vulnerable patients with complex needs CIHR Project Grant Co-I (PI Dr. Kerry McBrien)
2018-2023 \$669,375	Functional near-infrared spectroscopic measures of coherence as a new bio-marker of injury in mTBI patients CIHR Project Scheme CO-PI (PI Dr. Jeff F Dunn)
2018-2022 \$1,497,736	ENCOMPASS:ENhancing COMmunity health through Patient navigation, Advocacy and Social Support CIHR SPOR iCT CO-I (PI Dr. Kerry McBrien)
2018-2021 \$2,500,625	The Aging, Community and Health Research Unit (ACHRU) Community Partnership Program for Diabetes Self-Management for Older Adults – Canada CIHR SPOR PIHCI Co-I (NPI Dr. Jenny Ploeg)
2018-2021 \$1,111,000	Precision prehospital risk-prediction through machine learning applied to healthcare databases Defense Research and Development Canada Innovation DRDC Co-I (NPI Dr. Luc de Montigny)
2018-2019 \$10,000	Defining Weight Trajectories for the Alberta Population from the Canadian Primary Care Sentinel surveillance Network (CPCSSN) Cumming School of Medicine, Clinical Research Fund Co-PI (NPI Dr. Sonja Wicklum)
2017-2021 \$500,000	Frailty in Canadian Primary Care Canadian Frailty Network, CIHR NCE Co-PI (NPI Dr. Sabrina Wong)
2017-2020 \$8300	COPD Cohort Study Lung Association Co-I (NPI Dr. Andrew Cave)
2017-2018 \$5000	Anxiety and Depression during Pregnancy and Pre-term Birth PolicyWise for Children & Families

Co-I (PI Kamala Adhikari Dahal (student) and Dr. Amy Metcalfe)

2017-2018 \$69,000	Preventable Acute Care Spending Among High Systems users CIHR Operating Grant: Secondary Data Analysis Co-I (NPI Dr. Paul Ronksley)
2016-2019 \$485,456	Automated coding error detection tools in administrative health data: development and validation CIHR Project Scheme 1 st Live Pilot Co-PI (NPI Dr. Hude Quan)
2016-2019 \$1,800,000	Coordinated Care Team for Vulnerable Patients with Complex Care Needs AIHS PRIHS 3 Co-I (NPI Dr. Gabriel Fabreau)
2016-2019 \$50,301	Development and Evaluation of a Community-Based Model of Care for Sleep-Disordered Breathing Cumming School of Medicine Enhanced Bridge Funding Co-PI (NPI Dr. Sachin Pendharkar)
2015-2018 \$229,300	Validation of Administrative and Primary Care Electronic Medical Record Derived Frailty Algorithms CIHR SPOR Quick Strike Co-PI (NPI Dr. Sabrina Wong)
2015-2019 \$300,000	Prenatal Stress, Nutrients and Child Development CIHR Open Operating Grant Co-I (PI Dr. Gerry Giesbrecht)
2015-2020 \$3,700,000	Advancing Concussion Assessment and Treatment in Children and Youth CIHR Foundation Scheme Co-I (PI Dr. Keith Yeates)
2015-2020 \$962,920	Advancing the Science of Data Quality for Electronic Health Databases: Applications to Chronic Disease Research and Surveillance CIHR Foundation Scheme Co-I (PI Dr. Lisa Lix)
2016-2018 \$2,000,000	The 'CPCSSN Data Presentation Tool' in primary care clinics to enhance the surveillance, prevention and management of chronic disease. Public Health Agency of Canada (PHAC) Co-I (PI Dr. Neil Drummond)
2014-2019	Statistics for Epidemiology

\$150,000 Alberta Children's Hospital Research Institute (ACHRI)
PI

2015-2018 Primary Care Pathway for Childhood Asthma
\$748,678 AIHS
Co-I (Co-PIs Dr. Andrew Cave and Dr. David Johnson)

COMPLETED FUNDING

2015-2017 Characterizing High System Use Across the Primary-Tertiary Care
\$153,265 Continuum: Parallel Analyses of Select Canadian Health Datasets
CIHR SPOR PIHCIN Quick Strike
PI

2016-2017 Sleeping for two: A pilot randomized controlled trial of cognitive
\$45,000 behavioral therapy for insomnia in pregnant women
Calgary Centre for Clinical Research (CCCR)
Co-I (NPI Dr. Lianne Tomfor-Madsen)

2015-2017 Optimizing Integration of CPR Feedback Technology with Mini-CPR
\$37,500 Teams for Cardiac Arrest: A Randomized Trial
Heart and Stroke Foundation of Canada (HSFC) Seed Grant
Co-I (PI Dr. Adam Cheng)

2015-2017 Linking Primary Care EMR Data and Provincial Administrative Data
\$30,000 AHS Primary Health Care Strategic Clinical Network
PI

2015-2017 CPR Feedback Technology with Mini-CPR Teams
\$27,000 Zoll Foundation
Co-I (PI Dr. Adam Cheng)

2015-2017 Community Paramedic Point of Care Testing
\$152,098 Canadian Safety and Security Programme
Co-I (PI Ian Blanchard)

2013-2016 Toward Improved Outcomes of Antithymocyte Globulin-conditioned
\$750,000 Hematopoietic Cell Transplantation
AIHS
Co-I (PI Dr. Jan Storek)

2015-2016 ePrism (electronic Patient-centered Research and InnovationS in
\$49,993 Multimorbidity) A CIHR SPOR Chronic Disease Team. (LOI)

	CIHR SPOR Networks in Chronic Disease Co-I (PI Dr. Richard Birtwhistle)
2014 \$69,614	Canadian Primary Care Pharmacovigilance Demonstration Project Health Canada PI
2011-2013 \$208,378	Identification of Prognostic Factors and Therapeutic Targets in Childhood CNS Atypical Teratoid Rhabdoid Tumors (ATRT) C17 Network Co-I (PI Dr. Lucie Lafay-Cousins)
2011 \$25,000	Developing a team to evaluate different models of primary care delivery, through the lens of social and material deprivation. CIHR Meeting and Planning Grant Co-PI (PI Dr. Richard Birtwhistle)

ii. Publications

SUMMARY OF PEER REVIEWED ARTICLES

AUTHOR	NUMBER
FIRST AUTHOR	7
SECOND AUTHOR	11
STUDENT IS FIRST AUTHOR	60
SENIOR AUTHOR	45
TOTAL PUBLICATIONS	123

*First author is a student / resident

DISTRIBUTION OF PEER-REVIEWED JOURNAL PUBLICATIONS

My 123 publications have been published in 73 different journals. With Canadian Family Physician and CMAJ Open being the journals I have published in the most with 11 and 10 publications each.

ARTICLES IN PEER-REVIEWED JOURNALS

1. McAlister F, Collin SL, Lethembe BC, **Williamson T**. Cardiovascular Risk Factor Control in British Adults with Diabetes Mellitus: Retrospective Cohort Study. *Endocrinology, Diabetes & Metabolism*. In Press.
2. *Dahal KA, Patten SB, **Williamson T**, Patel AB, Premji S, Tough S, Letourneau N, Giesbrecht G, Metcalfe A. Neighborhood socioeconomic status modifies the association between anxiety and depression during pregnancy and preterm birth: A Community-based Canadian Cohort Study. *BMJ Open*, In Press
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4. Friedenreich C, Beattie TL, Mickle A, Brenner D, **Williamson T**, Courneya K. The Dietary Inflammatory Index® and Alternative Healthy Eating Index 2010 in relation to leukocyte telomere length in post-menopausal women: a cross-sectional study. *Journal of Nutritional Science*; November 4, 2019, V8 e35. <https://doi.org/10.1017/jns.2019.32>
5. Miyagishima R, Drummond N, Carroll L, Hopper T, Garies S, **Williamson T**. Validation of a case definition for speech and language disorders in community-dwelling older adults in Alberta, Canada. *Canadian Family Physician*; August 23, 2019. In Press.
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transplantation in patients with low Epstein-Barr virus–specific T-cell counts. *Cytotherapy*, August 2019; 21:8, 886-894.

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associated with chronic disease management within primary care settings. *Journal of Evaluation in Clinical Practice*, 2014; 20(6): 1072-1085 doi: 10.1111/jep.12172.

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106. Drummond N, Abbott K, **Williamson T**, Somji B. Interprofessional primary care in academic family medicine clinics: Implications for education and training. *Canadian Family Physician*, 2012; 58(8): e450-e458.
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111. Thomas R, Lorenzetti D, Spragins W, Jackson D, **Williamson T**. Reporting Rates of Yellow Fever Vaccine 17D and 17DD-Associated Serious Adverse Events in Pharmacovigilance Data Bases: Systematic Review. *Current Drug Safety*, 2011; 6: 145-154.
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Specific Immunity, Cytomegaloviral Disease Incidence, and Survival in Seropositive Hematopoietic Cell Transplant Recipients. *Biology of Blood and Marrow Transplantation* April 2011; 17(4): 574-585

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119. de Leon AR, Soo A, **Williamson T**. Classification with discrete and continuous variables via general mixed-data models. *Journal of Applied Statistics*, 2010; 38(5): 1021-1032.
120. *Podgorny PJ, Ugarte-Torres A, Liu Y, **Williamson T**, Russell JA, Storek J. High rabbit-anti-human thymocyte globulin levels are associated with low likelihood of graft-vs-host disease and high likelihood of posttransplant lymphoproliferative disorder. *Biology of Blood and Marrow Transplantation*, 2010; 16(7):915-926.
121. *Francis M, Rich T, **Williamson T**. Effect of an Emergency Department Sepsis Protocol on Time to Antibiotics in Severe Sepsis. *Canadian Journal of Emergency Medicine*, 2010; 12(4): 303-310.
122. *Kristensen I, Eldoma M, **Williamson T**, Wood S, Mainprize T, Ross S. Complications of the tension-free vaginal tape procedure for stress urinary incontinence. *International Urogynecological Journal*, 2010; 21:1353-1357 doi: 10.1007/s00192-010-1210-5.
123. Ross S, Robert M, Swaby C, Dederer L, Lier D, Tang S, Brasher P, Birch P, Cenaiko D, Mainprize T, Murphy M, Carlson K, Baverstock R, Jacobs P, **Williamson T**. Randomized Trial of Trans- Obturator Tape versus Tension-free Vaginal Tape for Stress Incontinence. *Obstetrics & Gynecology*, 2009; 114(6): 1287-1294.

ARTICLES IN NON-PEER-REVIEWED MEDIA

1. Keshavjee K, **Williamson T**, Natarajan N, Spafford K. Canada's Chronic Disease Surveillance network is now live. *Canadian Healthcare Technology*. 2013; 18(4):21-2. Epub April 30, 2013.

iii. Technical Reports (n=8)

1. Doig C, Lang E, **Williamson T**. Community Paramedic Point of Care Testing: A Comprehensive Assessment and Technology Comparison. March 31, 2017. Submitted to AHS Emergency Services Senior Leadership.
2. **Williamson T**, Birtwhistle R, Martin K, Lévesque L, Morkem R, Khan S. CPCSSN Adverse Event Reporting System (CAERS) Analytic Report. December 2013, Submitted to Health Canada.
3. **Williamson T**, Lambert-Lanning A, Martin K, Leggett JA, Morkem R, Khan S, Birtwhistle R. Primary Health Care Intelligence: 2013 Progress Report of the Canadian Primary Care Sentinel Surveillance Network. Submitted to the Public Health Agency of Canada and other government agencies.
4. Thomas R, Lorenzetti D, Spragins W, Jackson D, **Williamson T**. A systematic review of yellow fever vaccine-associated serious adverse events, 2011. Submitted to the World Health Organization, Global Advisory Committee on Vaccine Safety.

Dickinson JA, Bani-Adam G, Berzins S, Medd E, Rivera K, **Williamson T**. Survey of Alberta family physicians' reactions to the spring and summer phase of pH1N1 (pandemic swine flu) outbreak, 2009. Submitted to the Tarrant Viral Watch.
5. **Williamson T**, Birtwhistle R, Martin K, Lévesque L, Morkem R, Khan S. CPCSSN Adverse Event Reporting System (CAERS) Analytic Report. December 2013, Submitted to Health Canada.
6. **Williamson T**, Lambert-Lanning A, Martin K, Leggett JA, Morkem R, Khan S, Birtwhistle R. Primary Health Care Intelligence: 2013 Progress Report of the Canadian Primary Care Sentinel Surveillance Network. Submitted to the Public Health Agency of Canada and other government agencies.
7. Thomas R, Lorenzetti D, Spragins W, Jackson D, **Williamson T**. A systematic review of yellow fever vaccine-associated serious adverse events, 2011. Submitted to the World Health Organization, Global Advisory Committee on Vaccine Safety.
8. Dickinson JA, Bani-Adam G, Berzins S, Medd E, Rivera K, **Williamson T**. Survey of Alberta family physicians' reactions to the spring and summer phase of pH1N1 (pandemic swine flu) outbreak, 2009. Submitted to the Tarrant Viral Watch.
9. Blanchard I, **Williamson T**, Anton A. Patient Safety Issues from Non-Transport, 2006. Submitted to the Office of the Chief, Calgary EMS.

10. Blanchard I, Klein-Swormink H, **Williamson T.** Calgary Emergency Medical Services: Trauma Report, 2005. Submitted to the Calgary Health Region's Trauma Review Committee.
11. Blanchard I, Klein-Swormink H, **Williamson T.** Calgary Emergency Medical Services: Report on Activities, 2005. Submitted to the Honorable Dave Bronconnier, Mayor of the City of Calgary.

iv. Invited Presentations & Seminars (n=30)

*First author is a student

1. **Williamson T.** Is machine learning making all my dreams come true? Invited Oral. ACHRI Research Retreat Program. Dec 12 -13, 2019, Banff, AB.
2. Campbell DJT, Soos B, **Williamson T.** Statistical modelling from an epidemiological paradigm. Invited Workshop. Universidad Iberoamericana Big Data and Analytics Conference. Oct 22-24, 2019, Mexico City, Mexico.
3. **Williamson T,** Weaver C, Faris P. Cluster Randomized Trials. Invited Workshop. Universidad Iberoamericana Big Data and Analytics Conference. Oct 22-24, 2019, Mexico City, Mexico
4. **Williamson T.** PhD Level Statistics Using M&M Candy. Woodman School (Audience was 60 grade 9 students), May 21, 2019.
5. Marino M, Sourial N, Goddard C, **Williamson T.** How to Get High Quality Evidence from Observational Studies: Design, Analysis, Interpretation and Reporting Considerations. Invited Workshop NAPCRG 2018 Pre-Conference Workshop, 2018 NAPCRG Annual Meeting November 9-13, 2018 Chicago, Illinois
6. **Williamson T.,** Weaver C, Garies S, McBrien K, Peng M. Association Rule Mining to Identify Potential Under-Coding of Conditions in the Problem List in Primary Care Electronic Medical Records. Invited Workshop. Statistical Society of Canada (SSC) 2018 46th Annual Meeting. June 3-6, 2018, Montreal, Quebec
7. **Williamson T.** Introduction to the application of Machine Learning in Health Data in Canada. Invited Workshop at Iberoamericana University, June 2018, Mexico City, Mexico.
8. **Williamson T,** Lix L, Koval A, Le Prohon N. Big data, big opportunities: exploring careers in population data science. Invited panel presentation at the CAHSPR Conference, May 29, 2018, Montreal, Quebec.

9. **Williamson T.** An Introduction to Machine Learning with applications in Primary Care EMR Data. Invited Workshop at CHSPR Annual Conference, March 2018, Vancouver, BC.
10. *Brobbe A, Lix LM, Nettel-Aguirre A, Wiebe S, **Williamson T**, Sajobi T. Longitudinal Classification Models with Applications to Health-Related Quality of Life. Invited paper presented at the International Conference for Health Policy Statistics, January 2018, Charleston, South Carolina.
11. *Lethebe BC, **Williamson T.** Statistical Challenges in Validation Studies. Statistical Society of Canada Annual Meeting, June 2017, Winnipeg, MB
12. **Williamson T**, Fabreau G, McBrien K, Drummond N, Polacheck A, Garies S, Hao S, Weaver C Ronksley P. Defining and describing high system use in primary care, PIHCIN/CAHSPR Pre-Conference, May 2017, Toronto, Ontario (oral presentation to policy makers).
13. *Li G, Sajobi TT, Menon BK, Korngut L, Lowerison M, James M, Wilton S, **Williamson T**, Gill S, Drogos LL, Smith EE, Vohra S, Hill MD, Thebane L. Registry-based Randomized Controlled Trials – The Future for Clinical Trials? Society of Clinical Trials Conference, May 2017, Liverpool, UK.
14. Thull-Freedman J, **Williamson T**, Lethebe BC, Stang A. Improving the Pain Experience for Children with Limb Injury in the City of Calgary, Alberta: A Multi-Site Quality. Pediatric Academic Societies, May 2017, San Francisco.
15. *Weaver CG, **Williamson T.** A Beginner’s Guide to Machine Learning and its Applications in Primary Care. NAPCRG Annual Meeting Pre-Conference Invited Workshop Speaker (Expenses Paid), November 2017, Montreal, Quebec.
16. **Williamson T**, Using Machine Learning to Improve Case Definition Development in a Canadian Primary Care Electronic Medical Record. Data Institute Annual Conference, Invited Speaker. October 2017, San Francisco, CA
17. **Williamson T.** Career Choices in Community Health Sciences and the Supervisory Relationship, Department of Community Health Sciences Student Seminar, University of Calgary, December 2015
18. **Williamson T.** Log-Binomial Models, NAPCRG Annual Meeting Pre-Conference Invited Workshop Speaker (Expenses Paid), October 24, 2015.
19. **Williamson T**, Garies S, Drummond N. The Future of EMRs in Alberta, CIHR SPOR Summit, June 2015.
20. **Williamson T.** What I wish I’d known when I started grad school. Campus Alberta Student Conference on Health (CASCH), September 2014.

21. **Williamson T**, Drummond N, Birtwhistle RV. Learnings from the NPHSNC: Part IV: Developing disease case definitions for three chronic neurological conditions (Dementia, Epilepsy, and Parkinsonism). Canadian Dementia Resource and Knowledge Exchange (CDRAKE), July 2013.
22. **Williamson T**, Eliasziw M, Fick GH. Estimating Relative Risk. Department of Community Health and Epidemiology Research in Progress, Queen's University February 2012.
23. **Williamson T**. Why do I care about primary care research? Department of Family Medicine Research Day, February 2012.
24. **Williamson T**, Eliasziw M, Fick GH. Log-Binomial Models: What to do with Failed Convergence. Calgary Institute for Population and Public Health Seminar Series, November 2011.
25. **Williamson T**. Methods for Accounting for Multiple Comparisons. Immunology Research Group Monthly Meeting, May 2010.
26. **Williamson T**. Multivariate Analysis: An Epidemiological Paradigm. Immunology Research Group Monthly Meeting, November 2009.
27. **Williamson T**. A Random Sample of Statistical Methods. Immunology Research Group Monthly Meeting, September 2009.
28. **Williamson T**. Understanding Confidence Intervals. Department of Family Medicine Annual Research Day, February 2008.
29. **Williamson T**. Advanced Statistical Modeling Techniques. City of Calgary Annual Research Symposium, May 2007.
30. **Williamson T**. How to Prepare Data for the Statistician. Pediatric Emergency Research Canada (PERC) Annual Conference, January 2006.

v. Abstracts and Conference Presentations (n=207)

*First author is a student †Oral presentation ‡Conference Workshop

1. *Hetherington E, McDonald S, **Williamson T**, Tough S. Trajectories of social support in pregnancy and early postpartum: findings from the All Our Families cohort. 7th Canadian National Perinatal Research Meeting (CNPRM) 2020, Banff, AB, February 12-15, 2020.

2. *Nicholson K, Fortin M, Griffith LE, Terry A, **Williamson T**, Stranges S, Mangin D. Characteristics and Patterns of Multimorbidity and Polypharmacy Among Adult Primary Health Care Patients in Canada. North American Primary Care Research Group Annual Meeting, Toronto, Ontario, November 16 – November 20, 2019.
3. Lindeman C, Pham A, **Williamson T**, Drummond N, Cave A. COPD as a Risk Factor in Primary Care: A Canadian Retrospective Cohort Study. ERS International Congress 2019 Conference. Madrid, Spain, September 28-October 2, 2019. (Discussion Poster)
4. †Cave AJ, Soos B, **Williamson T**, Stavila N, Drummond N. Launching an education intervention to increase awareness of alpha-1 antitrypsin deficiency (AATD) among primary care physicians in Southern Alberta. ERS International Congress 2019 Conference. Madrid, Spain, September 28-October 2, 2019.
5. †Cave AJ, Sadasivan C, **Williamson T**. Asthma and Youth Soccer: an investigation into the level of asthma awareness and training among youth soccer coaches in Canada. IPCRG 6th Scientific Meeting, May 24-25, 2019, Bucharest, Romania.
6. *†Weaver C, McBrien K, Sajobi T, Ronksley P, **Williamson T**. Machine learning for clinical prediction: for which problems might it be most useful? Canadian Association for Health Services and Policy Research (CAHSR) Annual Meeting. Halifax, NS, May 29-31, 2019.
7. Nicholson K, Fortin M, Griffith LE, Terry A, **Williamson T**, Stranges S, Mangin D. Exploring the Patterns of Multimorbidity and Polypharmacy Among Adult and Older Adult Primary Health Care Patients in Canada. Canadian Association of Health Services and Policy Research, Halifax, Nova Scotia, May 29 – 31, 2019.
8. †Cave AJ, Drummond N, Gillies C, Soos B, **Williamson T**, (2019, May 25). Validation of an adult asthma case definition. IPCRG 6th Scientific Meeting, May 24-25, 2019, Bucharest, Romania.
9. †Cave AJ, Drummond N, Gillies, C, Aponte-Hao S, Soos B, **Williamson T**, (2019, May 25). Pediatric asthma in Canada: A cross-sectional, epidemiological study. IPCRG 6th Scientific Meeting, May 24-25, 2019, Bucharest, Romania. (Oral)
10. †Nicholson K, Fortin M, Griffith LE, Terry A, **Williamson T**, Stranges S, Mangin D. Multimorbidity and Polypharmacy in Canada: Examining Prevalence and Patterns in Primary Health Care Using a National Electronic Medical Record Database. European General Practice Research Network, Tampere, Finland, May 9 – 12, 2019. (Oral)
11. Nicholson K, Fortin M, Griffith LE, Terry A, **Williamson T**, Stranges S, Mangin D. Exploring the Longitudinal Patterns, Polypharmacy and Health Care Use in the Context of Multimorbidity Among Older Adult Primary Health Care Patients in Canada. Canadian Geriatrics Society Annual Scientific Meeting, Halifax, Nova Scotia, May 2 – 4, 2019.

12. Cave A., Drummond N, Gillies C, Soos B, **Williamson T**. Validation of an adult asthma search algorithm. 12th Annual Canadian Respiratory Conference, April 11-13, 2019 Ottawa, ON.
13. Cave AJ, Drummond N, Gillies C, Hao S, Soos B, **Williamson T**. Childhood asthma in primary care: Canada 2016. 12th Annual Canadian Respiratory Conference, April 11-13, 2019 Ottawa, ON.
14. *Cherak SJ, Bahador R, Paniukov D, Lopez GC, **Williamson T**, Lebel C, Giesbrecht GF. Prenatal Glucocorticoids and Child Neuroimaging: A Systematic Review. 77th Annual Scientific Meeting of the American Psychosomatic Society, March 6-9, 2019 Vancouver, BC.
15. *†Cherak SJ, Thomas JC, **Williamson T**, Giesbrecht GF. Systematic Review and Meta-Analysis of Associations between Pregnancy-Related Anxiety and Child Development. 77th Annual Scientific Meeting of the American Psychosomatic Society, March 6-9, 2019 Vancouver, BC.
16. †Cave, A.J., Drummond, N., Gillies, C., Aponte-Hao, S., Soos, B., **Williamson T**. (2019, March 1). Childhood asthma in primary care in 2016. Presented at the Family Medicine Summit, March 1-3, 2019, Banff, AB.
17. Cave A., Drummond N, Gillies C, Soos B, **Williamson T**. Validation of an adult asthma search algorithm. Family Medicine Summit 2019 (Formerly Annual Scientific Assembly), March 1-3, 2019 Banff, AB.
18. *Hetherington E, McDonald S, **Williamson T**, Tough S. Trajectories of social support in pregnancy and early postpartum: findings from the All Our Families cohort. 6th Canadian National Perinatal Research Meeting (CNPRM) 2019, Mont-Tremblant, QC, February 12-15, 2019.
19. Alaka SA, Brobbey A, Menon BK, **Williamson T**, Goyal M, Demchuk AM, Hill MD, Tolulope S Machine Learning Models are More Accurate Than Regression-based Models for Predicting Functional Impairment Risk In Acute Ischemic Stroke. International Stroke Conference (ISC) February 5-8, 2019, Honolulu, HI.
20. Schraeder K, Mackie A, Dimitropoulos G, Barrett O, **Williamson T**, McBrien K, Samuel S. Health Care Utilization Trajectories for Adolescents with Chronic conditions seen at a Pediatric Hospital. 2018 NAPCRG Annual Meeting, Chicago, IL, November 9-13, 2018.
21. Nicholson K, Fortin M, Griffith L, Mangin D, Terry A, **Williamson T**. Determining the Characteristics and Patterns of Multimorbidity and Polypharmacy Among Adults and Older Adults in Canada. 2018 NAPCRG Annual Meeting, Chicago, IL, November 9-13, 2018.
22. McBrien K, Fabreau G, Gleeson N, Campbell Da, **Williamson T**, Ivers N, Montesanti S, DesveauxL, Santana M, Torres S, Kelly J, Sakeah J, Hemmelgarn B, Tonelli M, Manns B.

Enhancing Care of Patients with Multiple Chronic conditions through Navigation by Community Health Workers. 2018 NAPCRG Annual Meeting, Chicago, IL, November 9-13, 2018.

23. McBrien K, Nguyen V, Bailey J, Kamran H, Polachek A, Lang E, Salvalaggio G, Barnabe C, McLane P, Ronksley P, **Williamson Ty**, Milaney Katrina, Tang K, Ghali W, Fabreau G. Connect to Care (C2C): Care coordination and community outreach for socially vulnerable patients. 2018 NAPCRG Annual Meeting, Chicago, IL, November 9-13, 2018.
24. *Boffa J, Mayan M, Ndlovu S, Fisher D, Staples S, Sauve R, **Williamson T**. When prevention is dangerous: Perceptions of isoniazid preventive therapy in KwaZulu-Natal, South Africa. 49th Union World Conference on Lung Health, The Hague, October 24-27, 2018.
25. †Thull-Freedman J, Pols E, McFetridge A, Libbey S, Lonergan K, **Williamson T**, Ali S, Stang A. Improving the treatment of children's presenting and procedural pain during emergency department visits: A province-wide quality improvement collaborative. 2018 CAPHC Annual Conference, Edmonton, AB, October 21-23, 2018.
26. †Wong ST, **Williamson T**, Katz A. Can Primary Care Electronic Medical Records and Administrative Data Help Us Identify Those Living With Frailty? CAG2018 47th Annual Scientific and Educational Meeting, Vancouver, British Columbia, October 18-20, 2018.
27. Chan EYL, Soos B, Weaver CGW, **Williamson T**, Molnar F, Drummond N. Effect of ChEi prescription for dementia in primary care on institutionalization risk. CAG2018 47th Annual Scientific and Educational Meeting, Vancouver, British Columbia, October 18-20, 2018.
28. *Skolnik K, Ronksley P, Pendharkar SR, Wick J, Quon BS, **Williamson T**, Hospitalization-related Costs for Cystic Fibrosis Patients in Canada. North American Cystic Fibrosis Conference, Denver, Colorado, October 18-20, 2018.
29. †Singer A, Zulkernine F, Kosowan L, Richardson D, **Williamson T**, Queenan J. Defining Post Traumatic Stress Disorder (PTSD) in Primary Care: Veterans and Military Families. Canadian Institute for Military and Veteran Health (CIMVHR) 9th Annual Forum, Regina, SK, October 15-17, 2018.
30. *Kennedy G, Danthurebandara V, Polachek A, Bailey J, Fabreau G, Ronksley P, **Williamson T**, McBrien K. Cost analysis of a coordinated care intervention for vulnerable populations complex needs. The Annual CASCH 2018, Calgary, AB, September 14-15, 2018.
31. *Weaver C, McBrien K, Sajobi T, Ronksley P, Lethebe B, **Williamson T**. Machine learning: how much does it improve the prediction of unplanned hospital admissions? International Population Data Linkage Network Conference, Banff, Alberta, September 12-14, 2018.

32. *Dahal K, Patten SB, **Williamson T**, Patel A, Premji S, Tough S, Letourneau N, Giesbrecht G, Metcalfe A. Harmonization of Data From Cohort Studies – Potential challenges and Opportunities. International Population Data Linkage Network Conference, Banff, Alberta, September 12-14, 2018.
33. *Aponte-Hao S, Mele B, Schell O, Jackson D, Katz A, Leduc C, Lethebe BC, Wong S, **Williamson T**. Developing a Primary Care EMR-base Frailty Definition using Machine Learning. International Population Data Linkage Network (IPDLN). September 12-14, 2018, Banff, AB.
34. Katz A, Wong S, **Williamson T**, Taylor C, Peterson S. Identification of Frailty using EMR and Admin data a complex issue. International Population Data Linkage Network (IPDLN). September 12-14, 2018, Banff, AB.
35. *Peng M, Gini R, **Williamson T**. Inferring sensitivity and specificity of phenotyping algorithms using positive and negative predictive value in validation study in observational health data. International Population Data Linkage Network (IPDLN). September 12-14, 2018, Banff, AB.
36. *Brobbeey A, Faris P, Nettel-Aguirre A, **Williamson T**, Wiebe S, Peng M, Quan H, Sajobi TT. Ensemble-based Classification Models for Predicting Post-Operative Mortality Risk in Coronary Artery Disease. International Population Data Linkage Network (IPDLN). September 12-14, 2018, Banff, AB.
37. *Weaver C, Garies S, **Williamson T**, McBrien K, Peng M. Association rule mining to identify potential under-coding of conditions in the problem list in primary care electronic medical records. International Population Data Linkage Network (IPDLN). September 12-14, 2018, Banff, AB.
38. *Guienguere SO, Fiest KM, **Williamson T**, Doig Christopher. Mining Twitter data to #educate the public about #sepsis. International Population Data Linkage Conference, Banff, AB, September 12-14, 2018.
39. Wong S, Katz A, **Williamson T**, Peterson S, Taylor C, McGrail K. Can Linked Electronic Medical Record and Administrative Data Help Us Identify Those Living With Frailty? International Population Data Linkage Conference, Banff, AB, September 12-14, 2018.
40. *Garies S, Soos B, **Williamson T**, Frost Brian, Manca D, Duerksen K, Ronksley PE, McBrien K, Drummond N. Linking primary care EMR data and administrative data in Alberta, Canada: experiences, challenges, and potential solutions. International Population Data Linkage Conference, Banff, AB, September 12-14, 2018.
41. D'Souza A, Liang Z, **Williamson T**, Smith T, Quan H, Peng M. Improving the Coding Completeness of Hypertension in Inpatient Administrative Health Data Using Machine

Learning Methods. International Population Data Linkage Conference, Banff, AB, September 12-14, 2018.

42. *†Boffa J, Mayan M, Mhlaba T, Ndlovu S, **Williamson T**, Fisher D. Why agency is important when implementing IPT: Lessons from oMakoti in KwaZulu-Natal, South Africa. 5th South African TB Conference, Durban, South Africa, June 2018.
43. *†Boffa J, Mayan M, Ndlovu S, Fisher D, Staples S, Sauve R, **Williamson T**. Is prevention better than cure? Perceptions of isoniazid preventive therapy in KwaZulu-Natal, South Africa. 5th South African TB Conference, Durban, South Africa, June 2018.
44. *†Boffa J, Fisher D, Sauve R, Mayan M, **Williamson T**. The effectiveness of untargeted 6-month isoniazid preventive therapy to reduce tuberculosis incidence among people living with HIV with and without antiretroviral therapy in KwaZulu-Natal, South Africa. 5th South African TB Conference, Durban, South Africa, June 2018.
45. *†Dahal K, Patten S, **Williamson T**, Patel A, Premji S, Tough S, Letourneau N, Giesbrecht G, Metcalfe A. Prediction of Risk of Preterm Birth Using Individual and Neighbourhood Level Risk Factors: Knowledge about Pregnant Women's Neighbourhood Circumstances Matters. Society of Perinatal Epidemiology Research Conference Baltimore, Maryland, June 18-20, 2018.
46. *†Dahal K, Patten S, **Williamson T**, Patel A, Premji S, Tough S, Letourneau N, Giesbrecht G, Metcalfe A. Risk of Preterm Birth among Women Living in Deprived Neighbourhoods Differs by Women's Depression and Anxiety Status. Society of Perinatal Epidemiology Research Conference Baltimore, Maryland June 18-20, 2018.
47. *†Holodinsky J, **Williamson T**, Demchuk A, Zhao H, Zhu L, Malik F, Goyal M, Hill M, Kamal N. Drip and Ship vs. Mothership: Conditional Probability Modelling for Patients with Suspected Large Vessel Occlusion. American Society of Neuroradiology (ASNR) 56th Annual Meeting, Vancouver, BC June 02-07, 2018
48. *†Holodinsky J, **Williamson T**, Demchuk AD, Zhao H, Francis M, Goyal M, Hill M, Kamal N. Drip and Ship vs. Mothership: A Comparison of Two Different Conditional Probability Models. American Society of Neuroradiology (ASNR) 56th Annual Meeting, Vancouver, BC June 02-07, 2018
49. *†Holodinsky J, **Williamson T**, Demchuk AD, Zhao H, Francis M, Goyal M, Hill M, Kamal N. Drip and Ship vs. Mothership: The Effect of Large Vessel Occlusion Screening Tools on Conditional Probability Modelling. American Society of Neuroradiology (ASNR) 56th Annual Meeting, Vancouver, BC, June 02-07, 2018

50. *Garies S, **Williamson T**, McBrien K, Drummond N, Manca D, Quan H. Enhancing primary care electronic medical record (EMR) data in Alberta by quality assessment, data processing & linkage to administrative data. 2018 CAHSPR Conference, Montreal, QC, May 28-30, 2018
51. Thull-Freedman J, Pols E, Mitra T, Lethebe BC, **Williamson T**, Mudiayi D. Improving the Pain Experience for Children with Limb Injury: A Quality Improvement Initiative. Pediatrics 141 (1 Meeting Abstract), 348-348, 2018
52. Thull-Freedman J, Pols E, McFetridge A, **Williamson T**, Libbey S, Ali S, Lonergan K, Stang A. Improving Treatment of Children's Presenting and Procedural Pain for Emergency Department Visits: A Province-Wide Quality Improvement Collaborative. CAEP 2018 Abstract Competition, Calgary, AB, May 26-30, 2018 (Winner of the CAEP 2018 Top QIPS Abstract Award)
53. Blanchard IE, Lane D, **Williamson T**, Vogelaar G, Hagel B, Lazarenko G, Lang E, Doig C. MP03: The epidemiology of mortality in patients transported by emergency medical services (EMS). CAEP 2018 Abstract Competition, Calgary, AB, May 26-30, 2018.
54. Blanchard IE, Kozicky R, Dalgarno D, Goulder S, **Williamson T**, Biesbrook S, Page L, Leaman K, Snozyk S, Redman L, Spackman K, Doig C, Lang E, Lazarenko G. MP14: Community paramedic point of care blood analysis: validity and usability testing of two commercially available devices. CAEP 2018 Abstract Competition, Calgary, AB, May 26-30, 2018.
55. Thull-Freedman J, Pols E, McFetridge A, **Williamson T**, Libbey S, Ali S, Lonergan K, Stang A. MP22: Improving treatment of children's presenting and procedural pain for emergency department visits: a province-wide quality improvement collaborative. CAEP 2018 Abstract Competition, Calgary, AB, May 26-30, 2018.
56. *‡Skolnik K, Ronksley P, Pendharkar SR, Wick J, Quon BS, **Williamson T**, Hospitalization-related Costs for Cystic Fibrosis Patients in Canada. Canadian Respiratory Conference, Vancouver, BC, April 12-14, 2018.
57. *Dahal KA, Patten S, **Williamson T**, Paatel A, Premji S, ToughS, Letourneau N, Giesbrecht G, Metcalfe A. Risk of Preterm Birth among Women Living in deprived neighbourhoods Differs by Women's Depression and Anxiety Status. 31st Annual Sebastian K. Littmann Research Day, Calgary, AB March 2, 2018
58. *Cherak S, Malebranche M, Metcalfe A, Ronksley P, **Williamson T**, Giesbrecht G. Association Between Maternal Prenatal Salivary Cortisol and Birth Weight. Developmental Origins of Health and Disease Conference, Banff, AB Feb 14, 2018.
59. †Premji SS, Dosani A, Reilly S, Currie G, Oliver LM, Lodha A, Young M, Hall M, **Williamson T**. Fathers of late preterm infants and their experience with community-based care. 2017

Abstract and poster presentation at the 5th Canadian National Perinatal Research Meeting from February 14-17, 2018 at the Banff Centre, Banff, Alberta, Canada.

60. *†Holodinsky J, **Williamson T**, Demchuk A, Zhao H, Zhu L, Malik F, Goyal M, Hill M, Kamal N. Drip and Ship vs. Mothership: Conditional Probability Modelling for Patients with Suspected Large Vessel Occlusion. International Stroke Conference, Los Angeles, CA January 23-26, 2018
61. *†Brobbeey A, **Williamson T**, Nettel-Aguirre A, Wiebe S, Lix L, Sajobi T. Longitudinal Classification Models with Application in Health-Related Quality of Life Studies. International Conference on Health Policy Statistics, Charleston, South Carolina, January 10-12, 2018.
62. *Weaver C, McBrien K, Sajobi T, Ronksley P, Lethebe B, **Williamson T**. Using Primary Care Electronic Medical Record Data and Machine Learning to Predict Acute Care Use. North American Primary Care Research Group (NAPCRG) Conference. Montreal, QC November 17-21, 2017.
63. Wong S, Katz, A, **Williamson T**, Schell O, McCracken R, Price M TM, McGrail K. Identification of Frailty: Using Administrative and Electronic Medical Record Data. North American Primary Care Research Group (NAPCRG) Conference. Montreal, QC November 17-21, 2017.
64. †Morkem R, Barber D, Birtwhistle R, Queenan J. Trends in Primary Care Prescribing of Antipsychotics to Children and Adolescents. North American Primary Care Research Group (NAPCRG) Conference. Montreal, QC November 17-21, 2017.
65. †Nicholson K, Griffith L, Raina P, Fortin M, Mangin D, Terry A, **Williamson T**. Therapeutic Competition and Ageing Phenotypes of Multimorbidity in Canada. North American Primary Care Research Group (NAPCRG) Conference. Montreal, QC November 17-21, 2017.
66. *†Lethebe B, Quan H, Ronksley P, Sajobi T, Weaver C, **Williamson T**. Using Machine Learning to Develop Case Definitions for Common Chronic Diseases in a Primary Care Electronic Medical Record Database. North American Primary Care Research Group (NAPCRG) Conference. Montreal, QC November 17-21, 2017.
67. †Nicholson K, Terry A, Fortin M, **Williamson T**, Thind A. Multimorbidity in Canada: In-Depth Exploration of the Patterns and Progression Among Adult Primary Health Care Patients. North American Primary Care Research Group (NAPCRG) Conference. Montreal, QC November 17-21, 2017.
68. †Katz A, McGrail K, Schell O, **Williamson T**, McCracken R, Singer A, Price M. Identification of Frailty: Using Administrative and Electronic Medical Record Data. NAPCRG November 17 – 21, 2017. Montreal, QC.

69. *Weaver C, McBrien K, Sajobi T, Ronksley P, Lethebe B, **Williamson T**. Using primary care electronic medical record data and machine learning to predict acute care use. Western Canadian Universities Big Data Health Conference. Banff, AB, September 28-29, 2017.
70. *Garies S, **Williamson T**, McBrien K, Drummond N, Manca D, Quan H. Enhancing primary care electronic medical record (EMR) data in Alberta by quality assessment, data processing & linkage to administrative data. Western Canadian Universities Big Data Conference. Banff, AB, September 28-29, 2017
71. †Thull-Freedman J, **Williamson T**, Lethebe BC, Stang A. Improving the pain experience for children with limb injury in the city of Calgary, Alberta: a multisite improvement collaborative. American Academy of Pediatrics National Conference, Chicago, IL, September 16-19, 2017.
72. *Weaver C, McBrien K, Sajobi T, Ronksley PE, Lethebe BC, **Williamson T**. Using primary care electronic medical record data and machine learning to predict acute health care use. Western Canadian Universities Big Data Health Conference, Banff, Alberta, June 25-27, 2017.
73. †Gersbach BM, Gersbach RE, Scoular RJ, Ronksley PE, McBrien KA, Fabreau GE, Cheung A, Lindeman C, Drummond N, **Williamson T**. Engaging patients in big-data methods research. SPOR Summer Institute, Edmonton, Alberta, June 2017.
74. *†Weaver C, McBrien K, Sajobi T, Ronksley PE, Lethebe BC, **Williamson T**. Using primary care electronic medical record data and machine learning to predict acute health care use. Canadian Society of Epidemiology and Biostatistics Biennial Conference, Banff, Alberta, May 30-June 2, 2017.
75. *†Lethebe C, Sajobi T, Quan H, Ronksley P, **Williamson T**. Using Machine Learning Methods to Create Chronic Disease Case Definitions in a Primary Care Electronic Medical Record. Canadian Society of Epidemiology and Biostatistics Conference, Banff, Alberta, May 30-June 2, 2017.
76. †Stang A, **Williamson T**, Pols E, McFetridge A, Libbey S, Lang E, Thull-Freedman J. Improving the Pain Experience for Children with Limb Injury in the City of Calgary, Alberta: A Multi-Site Quality Improvement Collaborative. Pediatric Academic Societies Meeting, San Francisco, CA, May 6-9, 2017.
77. Wong S, **Williamson T**, Katz A, McGrail K, Schell O, McCracken R, Singer A, Price M. Identifying frailty to support policy and care using administrative data. CAHSPR Conference, May 2017, Toronto, ON

78. †**Williamson T**, Fabreau G, McBrien K, Drummond N, Polacheck A, Garies S, Hao S, Weaver C, Ronksley P. Defining and describing high system use in primary care, CAHSPR Conference, May 2017, Toronto, Ontario.
79. *Souri S, Symonds N, Rouhi A, Lethebe B, Garies S, Ronksley P, **Williamson T**, Fabreau G, Birtwhistle RV, Quan H, McBrien K. Identification of validated case definitions for chronic disease using electronic medical records (EMRs): A systematic review, CAHSPR Conference, May 2017, Toronto, Ontario.
80. *†Garies S, Ronksley PE, Lethebe BC, McBrien KA, Drummond NA, Quan H, **Williamson T**. Validated Case Definitions using Linked Electronic Medical Record (EMR) and Administrative Databases: a systematic review, May 2017, CAHSPR Conference, Toronto, Ontario.
81. *Lethebe C, Sajobi T, Quan H, Ronksley P, **Williamson T**. Using Machine Learning Methods to Create Chronic Disease Case Definitions in a Primary Care Electronic Medical Record. Informatics for Health, April 24 – 26, 2017, Manchester Central, UK. (Nominated for Best Poster).
82. *†Jensen A, **Williamson T**, Ronksley PE, Fabreau G, Drummond NA, Katz A, Singer A, Wong S, Manca D, Polachek A, Cheung A, McBrien KA. Who are the medically complex patients in Canadian Primary Care? A comparative assessment of measures of multimorbidity. SGIM Annual Meeting, Washington, DC, April 19-22, 2017.
83. †Singer A, Katz A, Halas G, McBrien K, Fabreau G, Drummond N, Polacheck A, Garies S, Hao S, Ronksley P **Williamson T**. Characterizing High System Use Across the Primary-Tertiary Care Continuum: Parallel Analyses of Select Canadian Health Datasets. SPOR Manitoba CRINGe Speaker Series, April 13, 2017.
84. Thull-Freedman J, **Williamson T**, Lethebe BC, Stang A. Improving the pain experience for children with limb injury in the city of Calgary, Alberta: a multisite improvement collaborative. International Forum on Quality and Safety in Healthcare, April 2017, London, England.
85. †McBrien K, Fabreau G, Drummond N, Polacheck A, Garies S, Hao S, Ronksley P **Williamson T**. Characterizing High System Use in Primary Care. Annual Scientific Assembly of the Alberta College of Family Physicians, Banff, Alberta, March 2-4, 2017.
86. *Jensen A, **Williamson T**, Ronksley PE, Fabreau G, Drummond NA, Katz A, Singer A, Wong S, Manca D, Polachek A, Cheung A, McBrien KA. Who are the medically complex patients in Canadian Primary Care? Annual Scientific Assembly of the Alberta College of Family Physicians, Banff, Alberta, March 2-4, 2017.
87. *†Holodinsky J, **Williamson T**, Demchuk AD, Zhao H, Coreas A, Francis M, Pfannmuller B, Goyal M, Hill M, Kamal N. Drip and Ship vs. Mothership: A Comparison of Two Different

Conditional Probability Models. International Stroke Conference. Houston, TX, United States, February 22-24, 2017.

88. *Holodinsky J, **Williamson T**, Demchuk AD, Zhao H, Coreas A, Francis M, Pfannmuller B, Goyal M, Hill M, Kamal N. Drip and Ship vs. Mothership: Conditional Probability Modelling for patients with Suspected large Vessel Occlusion. International Stroke Conference. Houston, TX, United States, February 22-24, 2017.
89. *Holodinsky J, **Williamson T**, Demchuk AD, Zhao H, Coreas A, Francis M, Pfannmuller B, Goyal M, Hill M, Kamal N. Drip and Ship vs. Mothership: The Effect of Large Vessel Occlusion Screening Tools on Conditional Probability Modeling. International Stroke Conference. Houston, TX, United States, February 22-24, 2017.
90. *†Nicholson K, Terry A, Fortin M, **Williamson T**, Bauer M, Thind A. Examining Prevalence, Patterns and Progression of Multimorbidity Among Primary Health Care Patients Using a Pan-Canadian Electronic Medical Record Database. North American Primary Care Research Group Annual Meeting 2016, Colorado Springs, CO, November 14, 2016.
91. **Williamson T**, Fabreau G, McBrien K, Drummond N, Polacheck A, Garies S, Hao S, Ronksley P. Characterizing High System Use Across the Primary-Tertiary Care Continuum: Parallel Analyses of Select Canadian Health Datasets. North American Primary Care Research Group (NAPCRG) Annual Meeting, Colorado Springs, CO. November 14, 2016.
92. ‡**Williamson T**, Morley CP, Bartlett G, Fox CH, Green LA, LeMaster JW, O'Beirne M, Salsberg J, Tapp H. CASFM 2016 Methods Pre-Conference: Advancing Primary Care Research. North American Primary Care Research Group (NAPCRG) Annual Meeting, Colorado Springs, CO. November 12, 2016.
93. *Chia JC, Abi Daoud MS, **Williamson TS**, Kurwa HA. Mohs micrographic surgery dermatopathology concordance in Canada. American Society for Dermatologic Surgery Annual Meeting, November 10-13, 2016, New Orleans, LA.
94. ‡Morley C, Bartlett G, Fox C, Green L, LeMaster J, O'Beirne M, Salsberg J, Tapp H, **Williamson T**. CASFM 2016 Methods Pre-Conference: Advancing Primary Care Research, NAPCRG Annual Meeting, Colorado Springs, CO. November 11-16, 2016.
95. *†Boffa J, **Williamson T**, Cowie B, Mayan M, Sauve R, Fisher D. Effectiveness of isoniazid preventive therapy to prevent tuberculosis among people living with HIV in KwaZulu-Natal, South Africa: A cohort study, 47th Union World Conference on Lung Health, Liverpool, UK. October 2016.
96. Thull-Freedman J, **Williamson T**, Lethebe BC, Stang A. Improving the Pain Experience for Children with Limb Injury: A Quality Improvement Initiative, American Academy of Pediatrics National Conference, San Francisco, CA October 2016.

97. *†Boffa J, Mayan M, Ndlovu S, Cowie RL, Sauve R, **Williamson T**, Fisher D. Community-level challenges to tuberculosis preventive therapy provision in KwaZulu-Natal, South Africa. The Union World Conference on Lung Health. Liverpool, UK, October 26-29, 2016.
98. *Boffa J, Mayan M, Ndlovu S, Cowie RL, Sauve R, **Williamson T**, Fisher D. The implications of gender on the uptake of isoniazid preventive therapy in Zulu communities of uMgungundlovu District, South Africa. The Union World Conference on Lung Health. Liverpool, UK, October 26-29, 2016.
99. *Nicholson K, Terry A, Fortin M, **Williamson T**, Bauer M, Thind A. Multimorbidity in Older Adults: Examining Prevalence and Patterns of Multiple Chronic Diseases Using a Pan-Canadian Electronic Medical Record Database. Canadian Association on Gerontology Annual Scientific Meeting, Montreal, Quebec, October 21, 2016.
100. *Holodinsky J, **Williamson T**, Kamal N, Hill M, Goyal M. Drip and Ship vs. Direct to Comprehensive Stroke Centre: Conditional Probability Modeling. Canadian Stroke Congress 2016. Quebec City, QC, Canada Sept 15 - 17, 2016.
101. *Mickle A, Brenner D, Beattie T, **Williamson T**, Friedenreich C. Influence of Dietary Antioxidant and Oxidant Levels on Leukocyte Telomere Length. Campus Alberta Student Conference on Health (CASCH), Calgary, AB. September 10, 2016.
102. *Shaw M, Hao Z, Garies S, McBrien K, Simmonds K, Thull-Freedman J, Thompson B, **Williamson T**. Antibiotic Prescription Trends In Canada From 2010-2014 Using CPCSSN Data. Campus Alberta Student Conference on Health (CASCH), Calgary, AB. September 10, 2016.
103. *†Weaver C, Clement F, **Williamson T**, McBrien K. The Future Health and Financial Burden of Cardiovascular Disease in Canada, Campus Alberta Student Conference on Health, Calgary, AB. September 2016.
104. *Boffa J, Mayan M, Ndlovu S, Cowie RL, Sauve R, **Williamson T**, Fisher D. Pill Taking in a Resource-Poor Setting in South Africa: Implications for Practice. 21st International AIDS Conference (AIDS 2016), Durban, South Africa. July 18-22, 2016. (Poster).
105. *†Nicholson K, Terry A, Fortin M, **Williamson T**, Bauer M, Thind A. Multimorbidity in Canada: Examining Prevalence and Patterns of Multiple Chronic Diseases Using a National Electronic Medical Record Database. Society of Academic Primary Care Annual Scientific Meeting 2016, Dublin, Ireland, July 6 – 8, 2016.
106. *Nicholson K, Terry A, Fortin M, **Williamson T**, Bauer M, Thind A. Examining Prevalence, Patterns and Progression of Multimorbidity Among Primary Health Care Patients Using a Pan-Canadian Electronic Medical Record Database. Epidemiology Congress of the Americas Annual Meeting 2016, Miami, Florida, June 21 – 24, 2016.

107. *†Mickle AT, Friedenreich CM, Brenner DB, Beattie T, **Williamson T**, Ting N. Influence of Antioxidant and Oxidant Properties of Diet on Leukocyte Telomere Length. Canadian Society of Epidemiology and Biostatistics (CSEB) National Student Conference, Winnipeg, MB June 10, 2016.
108. *†Nicholson K, Terry A, Fortin M, **Williamson T**, Thind A. Multimorbidity in Canada: Examining Prevalence and Patterns of Multiple Chronic Diseases Using a National Electronic Medical Record Database. Canadian Society of Epidemiology and Biostatistics National Student Conference 2016, Winnipeg, Manitoba, June 8 – 10, 2016.
109. *Nicholson K, Terry A, Fortin M, **Williamson T**, Thind A. Multimorbidity in Canada: Examining Prevalence and Patterns of Multiple Chronic Diseases Using a National Electronic Medical Record Database. Canadian Student Health Research Forum 2016, Winnipeg, Manitoba, June 8, 2016.
110. †Walsh E, Coakley A, Yu S, Kamal M, Vaughan S, Lienhard K, **Williamson T**, Fabreau G. Strongyloidiasis and Schistosomiasis Screening and Prevalence among Refugees and Refugee Claimants in Canada, 6th Annual North American Refugee Health Conference, June 2016.
111. *†Nicholson K, Terry A, Fortin M, **Williamson T**, Thind A. Multimorbidity in Canada: Examining Prevalence and Patterns of Multiple Chronic Diseases Using a National Electronic Medical Record Database. Canadian Association of Health Services and Policy Research Conference 2016, Toronto, Ontario, May 10 – 12, 2016. *Won best student oral presentation.
112. *Lethebe C, Sajobi T, Quan H, **Williamson T**. Using machine learning methods to create chronic disease case definitions in primary care electronic medical records. O'Brien Institute EMR Symposium, Calgary, AB May 2016.
113. *Garies S, **Williamson T**, Drummond N, McBrien K, Quan H. Enhancing disease surveillance systems in Alberta through linked electronic medical record and administrative databases. O'Brien Institute EMR Symposium, Calgary, AB May 2016.
114. †**Williamson T**, Fabreau G, McBrien K, Drummond N, Polacheck A, Garies S, Hao S, Ronksley P. Characterizing High System Use Across the Primary-Tertiary Care Continuum: Parallel Analyses of Select Canadian Health Datasets. SPOR Summer Institute, Calgary, AB May 2016.
115. *Nicholson K, Terry A, Fortin M, **Williamson T**, Thind A. Multimorbidity in Older Adults: Examining Prevalence and Patterns of Multiple Chronic Diseases Using a Pan-Canadian Electronic Medical Record Database. Canadian Geriatrics Society Annual Scientific Meeting, Vancouver, British Columbia, April 14 – 16, 2016. (Won best student oral presentation).

116. *Nicholson K, Terry A, Fortin M, **Williamson T**, Thind A. Multimorbidity in Canada: Examining Prevalence and Patterns of Multiple Chronic Diseases Using a National Electronic Medical Record Database. London Health Research Day, London, Ontario, March 29, 2016.
117. *Mickle AT, Friedenreich CM, Brenner DR, Beattie T, **Williamson T**, Ting N. Influence of Antioxidant and Oxidant Properties of Diet on Leukocyte Telomere Length. 2nd Annual Charbonneau Research Symposium, Calgary, AB February 5, 2016.
118. Morkem R, Barber D, Patten S, **Williamson T**. Antidepressant Prescribing to Children and Adolescents in Canadian Primary Care. North American Primary Care Research Group Annual Meeting 2015, Cancun, Mexico, October 24-28, 2015.
119. Barber D, Biro S, Janssen I, Khan S, Morkem R, Queenan J, **Williamson T**. Primary care electronic medical records: A data source for monitoring child and adolescent population weight status? North American Primary Care Research Group Annual Meeting 2015, Cancun, Mexico, October 24-28, 2015.
120. *Nicholson K, Terry A, Fortin M, **Williamson T**, Bauer M, Thind A. Examining Prevalence, Patterns and Progression of Multimorbidity Among Primary Health Care Patients Using a Pan-Canadian Electronic Medical Record Database. [Poster]. North American Primary Care Research Group Annual Meeting 2015, Cancun, Mexico, October 24 – 28, 2015.
121. Coons MJ, Greiver M, **Williamson T**, Queenan J, Yu C, White D, Kiran T, Kane J, Aliarzadeh B, Southgate C, Moineddin R, Meaney C. Achieved Glycemic Control in Adults with Diabetes in Primary Care: A Pan-Canadian Investigation. North American Primary Care Research Group Annual Meeting 2015, Cancun, Mexico, October 24-28, 2015.
122. †Leggett JA, Greiver M, Manca D, **Williamson T**, Martin K, Queenan J. Facilitating Informatics for Research using Health Data Aggregated from Electronic Health Records across Multiple Jurisdictions through the Implementation of a *Privacy by Design* Privacy and Information Security Architecture. 17th International Symposium for Health Information Management Research (ISHIMR), York, England, UK, June 25-26, 2015
123. *†Nicholson K, Terry A, Fortin M, **Williamson T**, Thind A. Examining Multimorbidity in Primary Health Care Using a Pan-Canadian Electronic Medical Record Database. Trillium Primary Health Care Research Day 2015, Toronto, Ontario, June 4, 2015.
124. *Nicholson K, Terry A, Fortin M, **Williamson T**, Thind A. The Methodological Challenges of Identifying Multimorbidity in a Pan-Canadian Electronic Medical Record Database. Canadian Society of Epidemiology and Biostatistics Biennial Conference, Toronto, Ontario, June 1 – 4, 2015.
125. Barber D, Biro S, Janssen I, Khan S, Morkem R, Queenan J, **Williamson T**. Primary care

electronic medical records: A data source for monitoring child and adolescent population weight status? Canadian Obesity Summit 2015, Toronto, Ontario, April 28-May 2, 2015.

126. *Nicholson K, Terry A, Fortin M, **Williamson T**, Thind A. The Methodological Challenges of Identifying Multimorbidity in a Pan-Canadian Electronic Medical Record Database. London Health Research Day, London, Ontario, April 1, 2015.
127. *Nicholson K, Terry A, Fortin M, **Williamson T**, Thind A. The Methodological Challenges of Identifying Multimorbidity in a Pan-Canadian Electronic Medical Record Database. North American Primary Care Research Group Annual Meeting 2014, New York, New York, November 21 – 25, 2014.
128. Queenan J, Birtwhistle J, **Williamson T**, Khan S, Martin K, Levesque L, Pharmacovigilance in Canada: Evaluating the value of CPCSSN for Adverse Event Reporting, Poster on Completed Research, 42nd Annual North American Primary Care Research Group Meeting, New York, NY, November 21 – 25, 2014.
129. Manca D, Barber T, Duerksen K, Forst B, Koppula S, Torti J, Wiley R, **Williamson T**. Examining the relationship between patient/provider gender and chronic disease management, prevention and screening in primary care. 42nd Annual North American Primary Care Research Group Meeting, New York, NY, November 21 – 25, 2014.
130. Martin K, Barber D, Birtwhistle R, Keshavjee K, Kinsella L, Kotecha J, **Williamson T**. Assessing the Feasibility of Using the Canadian Primary Care Sentinel Surveillance Network (CPCSSN) for Clinical Analytics. 42nd Annual North American Primary Care Research Group Meeting, New York, NY, November 21 – 25, 2014.
131. Garies S, Birtwhistle R, Drummond N, Khan S, Quan H, **Williamson T**. Hypertension Incidence in Canadian Primary Care EMR Data. 42nd Annual North American Primary Care Research Group Meeting, New York, NY, November 21 – 25, 2014.
132. Keshavjee K, Birtwhistle R, Martin K, Queenan J, and **Williamson T**. Using CPCSSN for Primary Care Research: Do Multiple Projects Lead to Multiple Successes? 42nd Annual North American Primary Care Research Group Meeting, New York, NY, November 21 – 25, 2014.
133. Morkem R, Barber D, Patten S, **Williamson T**. Describing the Pharmacoepidemiology of Antidepressant Prescribing in Canada using primary care data from The Canadian Primary Care Sentinel Surveillance Network (CPCSSN). 42nd Annual North American Primary Care Research Group Meeting, New York, NY, November 21 – 25, 2014.
134. **Williamson T**, Birtwhistle R, Queenan J, Morkem R, Martin K, and Lévesque L. Pharmacovigilance in Canada: Evaluating the value of CPCSSN for Adverse Event Reporting.

42nd Annual North American Primary Care Research Group Meeting, New York, NY, November 21 – 25, 2014.

135. *Nicholson K, Terry A, Fortin M, **Williamson T**, Thind A. Multimorbidity in Canada: Examining Its Burden Using Electronic Medical Records. Primary Health Care Research Conference, Canberra, Australia, July 23 – 25, 2014.
136. *Nicholson K, Terry A, Fortin M, **Williamson T**, Thind A. Multimorbidity in Canada: Examining Its Burden Using Electronic Medical Records. Society of Academic Primary Care, Edinburgh, Scotland, July 9 – 11, 2014.
- 137.†Morkem R, Barber D, **Williamson T**, Patten S. The Pharmacoepidemiology of Antidepressant Prescribing in Canada. 43rd Annual Scientific Meeting of the Society for Academic Primary Care (SAPC), Edinburgh, Scotland, July 9-11, 2014.
138. *Nicholson K, Terry A, Fortin M, **Williamson T**, Thind A. Multimorbidity in Canada: Examining Its Burden Using Electronic Medical Records. Canadian Student Health Research Forum, Winnipeg, Manitoba, June 10 – 12, 2014.
139. *Nicholson K, Terry A, Fortin M, **Williamson T**, Thind A. Multimorbidity in Canada: Examining Its Burden Using Electronic Medical Records. Trillium Primary Health Care Research Day 2014, Toronto, Ontario, May 28, 2014.
140. *Nicholson K, Terry A, Fortin M, **Williamson T**, Thind A. Multimorbidity in Canada: Examining Its Burden Using Electronic Medical Records. Canadian Society of Epidemiology and Biostatistics National Student Conference, Hamilton, Ontario, May 9 – 10, 2014.
141. *Nicholson K, Terry A, Fortin M, **Williamson T**, Thind A. Multimorbidity in Primary Care: Identifying Complex Patients Using Electronic Medical Records. London Health Research Day, London, Ontario, March 18, 2014.
142. **Williamson T**, Martin K, Keshavjee K, Birtwhistle RV, Drummond N. Representativeness and Data Quality in the Canadian Primary Care Sentinel Surveillance Network (CPCSSN). Canadian Association of Health Services and Policy Research (CAHSPR) Conference 2014, Toronto, ON.
- 143.†Green ME, Natajara N, O'Donnell D, **Williamson T**, Khan S, and Cave A. Chronic Obstructive Pulmonary Disease in Canadian Primary Care Practices: A CPCSSN Study. 7th World Conference of the International Primary Care Respiratory Group, Athens, Greece.
144. Asghari S, Aref-Eshghi E, Godwin M, Duke P, **Williamson T**. Rural/Urban Differences in Canadian Lipid Levels and Prevalence of Dyslipidemia. 12th WONCA World Rural Health Conference, Gramado, Brazil.

145. ‡**Williamson T**, Taylor A, Birtwhistle R, Drummond N, Jayatraman G. Bringing Primary Care and Public Health Together: How CPCSSN is Closing the Gap. Public Health 2014, Toronto, ON.
146. †Morkem R, Barber D, **Williamson T**, Patten S. The Pharmacoepidemiology of Antidepressant Prescribing in Canada. Public Health 2014, Toronto, ON.
147. *†**Williamson T**, Khan S, Green M, Birtwhistle R, Wong ST, Natarajan N, et al. Validating the Canadian Primary Care Sentinel Surveillance Network (CPCSSN) Algorithms for Eight Chronic Diseases. 41st Annual North American Primary Care Research Group Meeting, Ottawa, ON.
148. †Morrow J, Forst B, Duerksen K, **Williamson T**, Manca D. Cardiovascular and Lifestyle Risk Factors Associated with Back Pain: Data from the AFPRN-CPCSSN Network. Family Medicine Forum Research Day, Vancouver, BC.
149. Sabri S, Natarajan N, Varatharasan N, **Williamson T**. Comparing Diagnostic Indicators in Identifying Patients With Chronic Disease Using Electronic Medical Records Data. 41st Annual North American Primary Care Research Group Meeting, Ottawa, ON.
150. Natarajan N, Varatharasan N, Sabri S, **Williamson T**. Is Chart Abstraction Sufficient or is the "Gold Standard" of Physician Diagnosis Needed When Validating EMR Case Detection Algorithms? 41st Annual North American Primary Care Research Group Meeting, Ottawa, ON.
151. Biro S, Birtwhistle R, Barber D, Moore K, Janssen I, **Williamson T**, Belanger P, Kotecha J, Khan S, Kinsella L. A Pilot Study to Develop Processes for Using the Canadian Primary Care Sentinel Surveillance Network to Build a Healthy Weight Surveillance System. Canadian Obesity Summit (Abstract Published in Can J of Diabetes: 37, pS245).
152. Caudle, JM, NA VanStone, A Wynn, S Biro, **T Williamson**, P Belanger, K Moore. "Trends in emergency department use in Ontario, 2003 to 2009: Correlations between determinants of health and Canadian triage acuity scores." CAEP 2013: Leadership from Sea to Sky, Vancouver, BC, June 2013.
153. ‡Garies S, Jackson D, Barber T, Torti J, Forst B, Drummond N, Manca D, **Williamson T**. Validation and Representivity of Alberta's Primary Care EMR Data. 2013 Accelerating Primary Care Conference, Edmonton, AB.
154. ‡**Williamson T**, Affleck E, Birtwhistle R, Drummond N, Jayaraman G, Rigobon A. A Canadian Primary Care Sentinel Surveillance Network (CPCSSN) Workshop: Using Electronic Medical Record Data for Public Health Purposes. CPHA 2013 Annual Conference, Ottawa, ON.

155. †**Williamson T**, Eliasziw M, Fick G. Log-Binomial Models: Concavity and Estimation. Statistical Society of Canada Annual Conference, Edmonton, AB.
156. †**Williamson T**, Khan S, Green M, Birtwhistle RV, Wong S, Natarajan N, Manca D, Drummond N. Validating the CPCSSN Algorithms for Eight Chronic Diseases. CSEB Biennial Conference, St. John's, NL.
157. †**Williamson T**, Eliasziw M, Fick G. Failed Convergence with Log-Binomial Models. CSEB Biennial Conference, St. John's, NL.
158. Natarajan N, Van Aarsen K, Varatharasan N, Sabri S, Putnam W, **Williamson T**. Validating the Canadian Primary Care Sentinel Surveillance Network (CPCSSN) Case Detection Algorithm for Hypertension using Nova Scotia Electronic Medical Record Data. CSEB Biennial Conference, St. John's, NL.
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160. †Green M, **Williamson T**, Khan S, Birtwhistle RV, Wong S, Natarajan N, Manca D, Drummond N. Validating the CPCSSN Algorithms for Eight Chronic Diseases. Trillium Primary Health Care Research Day 2013, Toronto, ON.
161. *Rigobon A, Birtwhistle R, Biro S, Barber D, Morkem R, Roberts K, **Williamson T**. Can CPCSSN Data be used to Measure Adult Obesity in Canada? NAPCRG PBRN Conference 2013, Bethesda, MD.
162. **Williamson T**, Belanger P, Moore K, Birtwhistle R. Using Geographical Measures of Socioeconomic Status to Assess CPCSSN's Representativeness: A Pilot Study. NAPCRG PBRN Conference 2013, Bethesda, MD.
163. †Keshavjee K, Martin K, **Williamson T**, Birtwhistle RV. Using CPCSSN Data for Primary Care Research: The Art of the Possible. NAPCRG PBRN Conference 2013, Bethesda, MD.
164. Natarajan N, Van Aarsen K, Varatharasan N, Sabri S, Putnam W, **Williamson T**. Validating the Canadian Primary Care Sentinel Surveillance Network (CPCSSN) Case Detection Algorithm for Hypertension using Nova Scotia Electronic Medical Record Data. 2013 Annual CAHSPR Conference, Vancouver, BC.
165. †Green M, **Williamson T**, Khan S, Birtwhistle RV, Wong S, Natarajan N, Manca D, Drummond N. Validating the CPCSSN Algorithms for Eight Chronic Diseases. 2013 Annual CAHSPR Conference, Vancouver, BC.

- 166.†Keshavjee K, Truant R, Jackson D, Martin K, **Williamson T**. Modernizing the Electronic Medical Record Infrastructure in Canada. e-Health 2013: Accelerating Change, Ottawa, ON.
- 167.Keshavjee K, Martin K, **Williamson T**, Birtwhistle RV. CPCSSN: An Architecture for Chronic Disease Surveillance in Canada. e-Health 2013: Accelerating Change, Ottawa, ON.
- 168.**Williamson T**, Bartlett-Esquillant G, Khan S, Drummond N. Why Should Practice-based Research Networks Care About Sampling? 40th Annual North American Primary Care Research Group Meeting, New Orleans, LA.
- 169.Forst B, Manca D, Duerksen K, **Williamson T**. Comparison of Practice Profiles of Academic Male and Female Physicians. 40th Annual North American Primary Care Research Group Meeting, New Orleans, LA.
- 170.Barber D, Biro S, Kotecha J, Hall-Barber K, Kinsella L, **Williamson T**. Introduction of an Integrated Intake Tool to Improve Smoking Status Risk Factor Fields in The Regional Canadian Primary Care Sentinel Surveillance Network. 40th Annual North American Primary Care Research Group Meeting, New Orleans, LA.
171. Aghoram R, Jackson D, Molnar F, Postuma RB, Jette N, Birtwhistle R, **Williamson T**, Lambert-Lanning A, Grava-Gubins I. Optimizing Case Identification in Electronic Medical Records Database. Family Medicine Forum Research Day, Toronto, ON.
172. Rosser W, **Williamson T**, Khan S, Jackson D, Kotecha J, Martin K. Practice Feedback for PBRN Physicians. North American Primary Care Research Group Practice Based Research Networks Conference, Bethesda, MD.
- 173.†**Williamson T**, Greiver M, Bennett TL, Drummond N, Khan S, Aliarzadeh B, Birtwhistle RV. A Method for Estimating Practice Denominators Using EMR Databases. North American Primary Care Research Group Practice Based Research Networks Conference, Bethesda, MD.
- 174.**Williamson T**, Khan S, Jackson D, Kotecha J, Martin K, Rosser W. Practice Feedback for PBRN Physicians. North American Primary Care Research Group Practice Based Research Networks Conference, Bethesda, MD.
- 175.*†Kadhim-Saleh A, Green M, **Williamson T**, Hunter D, Birtwhistle RV. A Validation Study of EMR Diagnostic Algorithms for Five Chronic Conditions. North American Primary Care Research Group Practice Based Research Networks Conference, Bethesda, MD.
- 176.†Birtwhistle RV, **Williamson T**, Lambert-Lanning A. PBRNs Playing Together: Lessons Learned from the Canadian Primary Care Sentinel Surveillance Network. North American Primary Care Research Group Practice Based Research Networks Conference, Bethesda, MD.

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- 178.*†Kadhim-Saleh A, Green M, **Williamson T**, Hunter D, Birtwhistle RV. A Validation Study of EMR Diagnostic Algorithms for Five Chronic Conditions. Fifteenth Annual Meeting for Health Sciences Research Trainees, Kingston, ON.
- 179.Forst B, Deurksen K, **Williamson T**, Barron G, Manca D. Comparison of Practice Profiles of Academic Male and Female Physicians (poster). 57th Annual Scientific Assembly of the Alberta College of Family Physicians, Banff, AB.
- 180.*Slaby J, **Williamson T**, Chaudhry AM, Larratt L, Turner RA, Bahlis NJ, Brown CB, Daly A, Duggan P, Geddes M, Quinlan D, Savoie ML, Shafey M, Storek J, Yue P, Zacarias N, Stewart DA, Russell JA. Evaluation of HCT-CI Comorbidity Scores and Allogeneic Transplant Outcome of Young Adults After Myeloablative Conditioning with Fludarabine and Busulfan +/- TBI Malignancies. *Biology of Blood and Marrow Transplantation*, February 2012; 18(2) supplement: S350.
- 181.*Kadhim-Saleh A, Green M, **Williamson T**, Hunter D, Birtwhistle RV. A Validation Study of Computer-based Diagnostic Algorithms for Chronic Disease Surveillance. 39th Annual North American Primary Care Research Group Meeting, Banff, AB.
- 182.Montgomery L, Doraty M, Labrie N, Fralick J, **Williamson T**, Tam H, Linton D, Drummond N. The Use of Nabilone for the Treatment of Pain in a Tertiary Chronic Pain Centre (poster). 39th Annual North American Primary Care Research Group Meeting, Banff, AB.
- 183.Seigel K, Harasym P, Bucholtz L, Drummond N, **Williamson T**, Hignell D, Doraty M. Patient Centered Care Plans: The effect of a multidisciplinary involvement on outcome in primary care. 39th Annual North American Primary Care Research Group Meeting, Banff, AB.
- 184.*Cobbler C, Kotecha J, Greiver M, Stewart M, **Williamson T**, Birtwhistle RV. By Utilizing EMR Data Can We Determine How Patients With Hypertension Are Managed in Ontario? Family Medicine Forum Research Day, Montreal, QC.
- 185.Sargent R, Quail P, Turner DL, Brocklebank C, Dharmawardene M, **Williamson T**, Doraty M, Tam H, Linton D, Drummond N. Pharmacist-Managed Warfarin Protocol in Longterm Care. Family Medicine Forum Research Day, Montreal, QC.
- 186.†Myhre DL, **Williamson T**, Sherlock K. What Is the Impact of a Faculty Advisor on Career Choice? Family Medicine Forum Research Day, Montreal, QC.

- 187.†Myhre DL, **Williamson T**, Pomerleau R, Connolly L, Jorgensen A. The Impact of Family and Rural Interest Groups on Medical Students: Are they working? Family Medicine Forum Research Day, Montreal, QC.
- 188.Boffa J, Irving AM, **Williamson T**, Jackson D, Gringas S, Drummond N. Weight Change Amongst Obese Patients on a Physician-Developed Diet Plan in Southern Alberta. Family Medicine Forum, Montreal, QC.
- 189.*†Hoegh-Petersen M, Sy S, Ugarte-Torres A, **Williamson T**, Mansoor A, Liu Y, Fonseca K, Khan F, Russell JA, Storek J. High herpesvirus-specific T cell counts are associated with near-zero likelihood of malignancy relapse and a low likelihood of infections due to any pathogen. ASBMT/CIBMTR Tandem Annual Meeting, Honolulu, HI.
- 190.*Hoegh-Petersen M, Amin M, Liu Y, Ugarte-Torres A, **Williamson T**, Podgorny PJ, Russell JA, Storek J. Anti-GVHD effect of antithymocyte globulin is mediated by antibodies binding to T cells and regulatory NK cells, and less so or not at all by antibodies binding to other mononuclear cell subsets. ASBMT/CIBMTR Tandem Annual Meeting, Honolulu, HI.
- 191.*Hagel LM, Liu Y, Ugarte-Torres A, Hoegh-Petersen M, **Williamson T**, Russell JA, Storek J. High IL15 serum levels on day 7 after HCT are associated with a low likelihood of GVHD and a high likelihood of infections. Keystone Symposium on Immunologic Memory and Persisting Microbes, Banff, AB.
- 192.*Hagel LM, Liu Y, Ugarte-Torres A, **Williamson T**, Russell JA, Storek J. High IL-15 serum levels on day 7 after hematopoietic cell transplantation are associated with a low likelihood of GVHD and a high likelihood of infections. American Society of Hematology Annual Meeting, Orlando, FL.
- 193.*Hoegh-Petersen M, Sy S, Ugarte-Torres A, **Williamson T**, Mansoor A, Liu Y, Fonseca K, Khan F, Russell JA, Storek J. High herpesvirus-specific T cell counts are associated with near-zero likelihood of malignancy relapse and a low likelihood of infections due to any pathogen. American Society of Hematology Annual Meeting, Orlando, FL.
- 194.*Hoegh-Petersen M, Amin M, Liu Y, Ugarte-Torres A, **Williamson T**, Podgorny PJ, Russell JA, Storek J. Anti-GVHD effect of antithymocyte globulin is mediated by antibodies binding to T cells and regulatory NK cells, and less so or not at all by antibodies binding to other mononuclear cell subsets. American Society of Hematology Annual Meeting, Orlando, FL.
- 195.Ugarte-Torres A, Liu Y, **Williamson T**, Hoegh-Petersen M, Quinlan D, Roa L, Khan FM, Russell JA, Storek J. CMV-specific immunity and CMV complications in seropositive HCT recipients depend on donor serostatus. Conference on Measurement of Antigen-Specific Responses, Mykonos, Greece.

196. Ugarte-Torres A, Liu Y, **Williamson T**, Hoegh-Petersen M, Quinlan D, Roa L, Khan F, Russell JA, Storek J. CMV-specific immunity and CMV complications in seropositive HCT recipients depend on donor serostatus. Keystone Symposium on Viral Immunity, Banff, AB.
197. Ugarte-Torres A, Liu Y, **Williamson T**, Hoegh-Petersen M, Quinlan D, Roa L, Khan F, Russell JA, Storek J: CMV-specific immunity and CMV complications in seropositive HCT recipients depend on donor serostatus. CIBMTR/ASMBT Tandem Meeting, Orlando, FL.
198. Taenzer PA, Braun TC, Clark AJ, Drummond N, Findlay CE, Montgomery L, Pereira J, Spanswick C, **Williamson T**. Physician to Physician Telephone Consultation for Chronic Pain Patients. 13th World Congress on Pain, Montreal, QC.
199. Montgomery L, Labrie N, Drummond N, **Williamson T**, Doraty M, Linton D, Tam H. Nabilone for the Treatment of Chronic Pain. 38th Annual North American Primary Care Research Group Meeting, Seattle, WA.
200. Seigel K, Babinec P, Bucholz L, Drummond N, Doraty M, **Williamson T**. Patient-centered care plans: the effect of multidisciplinary involvement on outcome in primary care. Family Medicine Forum Research Day, Vancouver, BC.
201. †Johnson D, Nettel-Aguirre A, Williamson J, Klassen T, Mitton C, Scott S, **Williamson T**, Craig W, Grimshaw J. Cluster Controlled Trial Comparing Three Methods Of Disseminating Practice Guidelines For Children With Croup. Pediatric Academic Societies Annual Meeting, Vancouver BC.
202. †BaniAdam G, Berzins S, Dickinson J, Pearce C, Ricketson L, Rivera K, **Williamson T**. Alberta Family Physicians Reactions and Willingness to Work After the Initial Phase of the pH1N1 Epidemic. 55th Annual Scientific Assembly of the Alberta College of Family Physicians, Banff, AB.
203. Dickinson JA, Forenseca K, Berzins S, Pearce C, Medd E, Ricketson L, **Williamson T**. The accuracy of sentinel network of general practitioners in diagnosing influenza during the pandemic H1N1 outbreak. 55th Annual Scientific Assembly of the Alberta College of Family Physicians, Banff, AB.
204. Thomas R, **Williamson T**. Russell ML, Lorenzetti D. Meta-analysis of RCTs of interventions to increase influenza vaccination rates among seniors (≥ 60 years) in institutions and the community. 7th Annual Canadian Cochrane Symposium, Halifax, NS.
205. *Francis M, Rich T, **Williamson T**, Peterson D. The Effects of an Emergency Department Sepsis Protocol on Time to Antibiotics in Severe Sepsis. Canadian Association of Emergency Physicians Annual Conference, Ottawa, ON. (Winner of the CAEP Resident Research Abstract Award)

206. Lu D, Soma D, **Williamson T**, Jamieson P, Drummond N. Follow up care received by patients discharged from a family medicine hospitalist program in the Calgary health region: A retrospective study. 36th Annual North American Primary Care Research Group Meeting, Puerto Rico.
207. †Godwin M, Duke P, **Williamson T**, Mahdavian M, Asghari S. A Comparison of Newfoundlanders Lipid Profiles with the Rest of Canada: Findings from Canadian Primary Care Sentinel Surveillance Network Data. 36th Annual North American Primary Care Research Group Meeting, Puerto Rico.