

Kumanan Wilson MD, MSc, FRCPC

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Department/School: *Full Professor*

Department of Medicine, University of Ottawa (May 2008)

School of Epidemiology and Public Health

CURRENT EMPLOYMENT

- Chief Executive Officer/Chief Scientific Officer, Bruyère Research Institute
- Vice President Research & Academic, Bruyère Continuing Care
- Staff Physician, Division of General Internal Medicine, Department of Medicine, The Ottawa Hospital
- Full Professor, Department of Medicine, University of Ottawa
- Clinical Research Chair in Digital Health Innovation, Faculty of Medicine
- Chief Scientific Officer, CANImmunize Inc.
- Senior Scientist, Ottawa Hospital and Bruyere Research Institutes

DEGREES

- 1997 - 1998 MSc, Clinical Epidemiology and Biostatistics, McMaster University
- 1993 - 1997 Fellowship, General Internal Medicine, University of Western Ontario and McMaster University
- 1989 - 1993 M.D. – Cum Laude, Faculty of Medicine, University of Western Ontario
- 1986 - 1989 Bachelor of Science in Biology – First Division, Faculty of Arts & Sciences, University of New Brunswick



EMPLOYMENT HISTORY

2022- present	CEO/Chief Scientific Officer, Bruyère Research Institute
2022 - present	VP Research & Academic, Bruyère Continuing Care
2020- present	Faculty of Medicine Clinical Research Chair in Digital Health Innovation
2022- present	Chief Scientific Officer, CANImmunize Inc.
2018 - 2022	Chief Executive Officer/Founder, CANImmunize Inc.
2015 - present	Affiliate Investigator, CHEO Research Institute
2013 - present	Full Professor, Department of Medicine, University of Ottawa Cross-appointed to the School of Public Health & Epidemiology, University of Ottawa
2012 - present	Senior Scientist, Clinical Epidemiology <i>Program</i> , Ottawa Hospital Research Institute
2008 - present	Staff physician, Division of General Internal Medicine, Department of Medicine, The Ottawa Hospital
2003 - present	Research Associate, Institute of Intergovernmental Relations, Queen's University
2018-2022	Scientific Advisor in Innovation, Bruyere Research Institute
2010 - 2019	Scientist, Institute for Clinical Evaluative Sciences (ICESuOttawa)
2008 - 2013	Associate Professor, Department of Medicine, University of Ottawa cross-appointed to the Department of Epidemiology & Community Medicine, University of Ottawa
2008 - 2012	Scientist, Clinical Epidemiology Program, Ottawa Hospital Research Institute



- 2005 - 2008 Associate Professor, Department of Medicine, cross-appointed to the Department of Health Policy, Management and Evaluation, University of Toronto
- 2002 - 2005 Assistant Professor, Department of Medicine, cross-appointed to the Department of Health Policy, Management and Evaluation, University of Toronto
- 2001 - 2005 Assistant Professor, Department of Medicine, University of Toronto
- 2002 - 2008 Scientist, Toronto General Hospital Research Institute
- 1999 - 2001 Assistant Professor, Department of Medicine, University of Ottawa
- 1998 Clinical Scholar, Department of Medicine, University of Ottawa
- 1997 Clinical Scholar, Department of Medicine, McMaster University

ACADEMIC HONOURS

- 2021 CANHealth Company of the Year award for CANImmunize Inc
- 2021 Best Ottawa Business Award: Next Big Thing for CANImmunize Inc.
- 2018 Partners In Research Technology & Engineering Ambassador Award
- 2015 Canadian Wireless Telecommunications Association (CWTA) “Connected to the Community” award for ImmunizeCA (presented to CPHA, ImmunizeCanada and OHRI)
- 2013 Queen Elizabeth II Diamond Jubilee Medal - Prime Minister of Canada
- 2010 President’s Award for Media Relations. University of Ottawa
- 2008 - 2013 Canada Research Chair in Public Health Policy, University of Ottawa
- 2008 Grant’s Community Achiever Award

- 2007 Top 20 most important paper of 2006 (co-author), *The Lancet*
- 2002 Canadian Institutes for Health Research New Investigator Award
- 1997 Methodology award, McMaster Resident Research Day
- 1996 Class of Meds '49 Award for Excellence in Teaching by Residents, University of Western Ontario
- 1993 Graduated *Cum Laude*, University of Western Ontario

SCHOLARLY and PROFESSIONAL ACTIVITIES

- 2022 - present Member, Bruyère and Bruyère Research Institute Boards
- 2022 - present Member, Moderna Global Safety Core Consultancy Group Advisory Board
- 2020- present Member, Associated Medical Services Board, AMS Healthcare
- 2019- present Associate Editor, Human Vaccines & Immunotherapies
- 2018- present Member, Scientific Advisory Committee on Digital Health Technologies, Health Canada
- 2016-present Member and Advisory Committee Member for University of Ottawa Centre for Health Law, Policy and Ethics
- 2021 Advisor to the Vaccine Injury Support Program
- 2020 Member, Joint Ministers' Roundtable on the Ontario Health Data Platform for COVID-19
- 2020 Member of Advisory Committee to the Auditor General of Canada - pandemic response



2020-2021	Member of Independent Data Safety Monitoring Committee. Phase 1, 2 and 3 Medicago COVID-19 vaccine trial
2020- 2021	Scientific Advisor to the CANHealth Network
2015	Foundation Scheme Grants Committee, Canadian Institutes for Health Research
2014	External reviewer Chief Public Health Officer of Canada –Report to Canadians
2013 - 2019	Member, Scientific & Research Advisory Committee, Canadian Blood Services
2013 - 2014	Member, “Health Research Training B – HP” Awards Committee Canadian Institutes for Health Research
2013	External reviewer Chief Public Health Officer of Canada –Report to Canadians
2013	Canadian Institutes for Health Research Science Policy Fellowships Awards Committee
2011 - 2012	Member of Advisory Committee to the Auditor General of Canada
2010 - 2012	Member, National Immunization Strategy Task Group, Public Health Agency of Canada
2006 - present	Member, Canadian Association for Immunization Research Member, Joint Centre for Bioethics, University of Toronto
2010	Canadian Institutes for Health Research New Investigator Award Committee
2009	Canadian Institutes for Health Research Health Services Research Committee
2007 - 2008	Member of Advisory Committee to the Auditor General of Canada

- 2006 - 2008 Member, Ontario Blood Advisory Committee
- 2006 - 2007 Canadian Institutes for Health Research Health Policy Research Committee
- 2003 - 2005 Member, Good Governance in Health Working Group (working group for Minister of State – public health)
- 2003 - 2005 Member, International Expert Advisory Group on Risk Modeling; Statistics and Risk Assessment Section and the Health Care Acquired Infections Division of Health Canada
- 2002 - 2005 Medical Council of Canada- Member of Evaluating Examination Committee
- 2000 - 2005 Executive Test Secretary for Internal Medicine, Medical Council of Canada
- 2002 - 2005 Canadian Network for Vaccines and Immunotherapeutics (CANVAC) - Theme 4 Investigator: social science, epidemiological and clinical vaccine research
- 2001 - 2003 American College of Physicians PIER Project- Editorial Consultant
- 2001 - 2002 Canadian College of Naturopathic Medicine - Senior Scientist

University Committees

- 2012 - 2015 Member Research Advisory Committee, Department of Medicine, University of Ottawa
- 2010 - 2012 PhD Committee Member, Department of Epidemiology and Community Medicine, University of Ottawa
- 1999 - 2001 Co-coordinator of Resident Research Committee, University of Ottawa

Hospital Committees

- 2021- Scientific Advisor, The Ottawa Hospital Innovation Committee
- 2001 - 2008 Member, UHN Transfusion Committee

SUMMARY OF CONTRIBUTIONS TO SCIENCE

Policy

- My team conducted some of the initial work describing the relationship between [governance systems](#) and the delivery of public health programs. I have served as an expert/consultant for multiple Canadian reports (three federal Auditor General Reports, Report of the National Advisory Committee on SARS and Public Health, testimony to the Senate Sub-Committee on the 2008 Listeria outbreak) as well as twice serving as a consultant to the World Health Organization examining the International Health Regulations.
- Our work on vaccine policy and consultation with the Vaccine Task Force directly led to the introduction of Canada's Vaccine Injury Support Program.

Science

- My team authored the seminal papers on [social media](#) and the spread of vaccine misinformation.
- Supported by the Bill & Melinda Gates Foundation, my team developed a metabolic algorithm that can estimate the gestational age of an infant at birth with a high degree of accuracy. In partnership with Stanford University this algorithm is being applied in multiple global settings where prenatal ultrasound may not be available.

Innovation

- My team have been leaders in digital immunization solution innovation. My team developed the world's first digital immunization record, the first digital reporting of immunization status, the first pan-Canadian standardization of vaccine terminology, the first digital reporting of adverse events following immunization in Canada, the first proof of concept mobile barcode scanning of 2D vaccine barcodes solution and were the first to introduce the concept of digital immunization passports.
- At the Ottawa Hospital my team created the Ottawa mHealth Lab which supported scientists in developing digital solutions to improve patient care.
- At Bruyère I have supported the development of an innovation agenda to help test commercial solutions in healthcare.

RESEARCH AND INNOVATION

Companies Founded

1. *CANImmunize Inc* (2019). Digital Immunization Solutions Company
2. *Sigvaria Mobile Technologies Inc.* (2012). mHealth development company - converted to The Ottawa Hospital mHealth Lab)

IP/ Product Development

1. *CANImmunize Shield.* Workplace vaccination tracking software.
2. *CANImmunize Clinic Flow.* Mass Immunization clinic software.
3. *CANImmunize Adult Immunization Assessment Tool.* Software to ascertain adult immunization needs.
4. *CANImmunize Pediatric Transplant.* Software to help manage pediatric transplant immunization needs.
5. *CANImmunize* (iPhone, Android, Web) Canada's consumer facing digital immunization platform
6. *Canadian Vaccine Catalogue.* Source of truth for vaccine terminology in Canada.
7. *CANVAS app* (research study pilot iPhone app designed for reporting adverse events following influenza immunization)
8. *The Ottawa Rules app* (iphone and Android app to make the Ottawa Rules more accessible to emergency room clinicians)
9. *OK Kidney* (research study iPhone app to assist dialysis patients in managing dietary phosphate intake)
10. *RecoverNow* (Android platform to facilitate stroke rehabilitation through the use of prescribed apps)

11. *Immunity Warriors: Invasion of the Alien Zombies*. A digital motion comic to teach children about immunization.

12. *SafeLiving*. (Immunization app for transplant patients for iOS and Android)

ACADEMIC FUNDING

LIFETIME FUNDING:.....	\$61 142 827
CAREER AWARDS.....	\$ 2 250 000
PEER-REVIEWED GRANTS.....	\$53 113 581
NON-PEER REVIEWED GRANTS.....	\$5 540 746
TRAINEE AWARDS:.....	\$238 500

Career Awards

Period	Granting Agency	Title of Grant	Amount
2020-2024	Faculty of Medicine	Clinical Research Chair in Digital Health Innovation	\$1,000,000
2013-2018	Department of Medicine, TOH / Ottawa Hospital Research Institute	Research Chair, Public Health Innovation	\$500,000
2008-2013	Canadian Institutes of Health Research	Canada Research Chair – Tier II Public Health Policy	\$500,000
2002-2007	Canadian Institutes of Health Research	CIHR New Investigator	\$250,000

Research Grants

Period	Granting Agency	Title of Grant	Role	Amount
Feb 2023 - Feb 2024	CIHR Catalyst Grant: Policy Research for Health System Transformation	A policy analysis of strategies to develop a pan-Canadian immunization data repository	Principal Applicant	\$139 907
Aug 2022 - Aug 2023	CIHR Catalyst Grant: CPHO’s Report 2021 - Future of Public Health	Technological Implications of Vaccine Certificates and their Public Health Impact	Principal Investigator	\$100 000

Aug 2022 - Aug 2026	CIHR Transitions in Care (TiC)-Phase 2 Team Grant	Supporting long term care residents through transitions to acute care hospital and end-of-life care with personalized prognoses and electronic decision support tools	Co-Investigator (PI - Dan Kobewka)	\$959 987
Apr 2022 - Mar 2023	COVID-19 Immunity Task Force (CITF)/Vaccine Surveillance Reference Group (VSRG)	COVID-19 vaccination in pregnancy: A province-wide epidemiological assessment of safety and effectiveness using the BORN Ontario Registry (extension)	Co-Investigator (PI - Deshayne Fell)	\$272 690
Dec 2021 - Dec 2022	Canadian Institutes of Health Research	A living evidence approach to variants of concern (VOC) and COVID-19 vaccine effectiveness	Co-Investigator (PI - Julian Little, Alfonso Iorio)	\$475 940
Oct 2021 - Mar 2022	Canadian Institutes of Health Research	Can Immunization Passports Improve Willingness to Vaccinate?	Co-Principal Investigator (Co-PI: Timothy Caulfield)	\$150 005
Oct 2021 - Oct 2024	Consortium funding (CIHR - 13th JPIAMR transnational call for research projects 2021, \$600,000)	Designing One Health Governance for Antimicrobial Stewardship Interventions	Co-Investigator (PI - Mary Witkorowicz)	\$2 205 059
Jun 2021 - Jun 2022	Canadian Institutes of Health Research	Pregnant and Lactating Individuals & Newborns COVID-19 Vaccination Study	Co-Investigator (PI - Darine El-Chaar, Marc-Andre Langlois, Michaeline McGuinty)	\$500 000
Jun 2021 -	Canadian Institutes of Health Research	Developing the VACCINE (VACine Confidence and	Co-Investigator	\$258 785



Jun 2022		Immunization Education) Checklist to support COVID-19 vaccine confidence and uptake among workers in long-term care	(PI - Carrie Heer, Kathryn May, Amy Hsu, Justin Presseau)	
Jun 2021 - Jun 2022	Canadian Institutes of Health Research	Vaccine effectiveness against SARS-CoV-2 variants of concern in long-term care populations: a multi-province study	Co-Principal Investigator (Co-PIs: Amy Hsu, Marc-Andre Langlois, Kim McGrail, Erin Strump)	\$500 000
Apr 2021 - Mar 2022	COVID-19 Immunity Task Force (CITF)/Vaccine Surveillance Reference Group (VSRG)	COVID-19 vaccination in pregnancy: A province-wide epidemiological assessment of safety and effectiveness using the BORN Ontario Registry	Co-Investigator (PI - Deshayne Fell)	\$527 192
Mar 2021 - Mar 2025	Canadian Institutes of Health Research	Investigating the Impact of Cannabis Retail Policies on Health Harms and Benefits	Co-Investigator (PI - Peter Tanuseputro)	\$382 500
Feb 2021 - Feb 2025	Canadian Institutes of Health Research	Machine M.D.: How Should We Regulate AI in Health Care?	Co-Investigator (PI - Colleen Flood)	\$495 000
Dec 2020 - Mar 2022	COVID-19 Immunity Task Force (CITF)/Vaccine Surveillance Reference Group (VSRG)	Canadian Immunization Research Network (CIRN) Provincial Collaborative Network (PCN) COVID-19 Vaccine Post-Market Studies	Co-Investigator (PI - Jeff Kwong)	\$1 347 384
Nov 2020-Nov 2021	Covid-19 Immunity Task Force	Identification of underlying factors influencing the immune response to SARS-CoV-2 among workers and residents in	Co-Investigator (PI - Amy Hsu)	\$3 100 000

		long-term care homes: a multi-province study		
Sep 2020 - Sep 2022	Canadian Institutes of Health Research	Canadian Immunization Research Network: COVID-19 Vaccine Readiness	Co-Investigator (PI - Scott Halperin)	\$1 758 000
Aug 2020- Aug 2022	Canadian Institutes of Health Research/ Immunity Task Force	Immunity Passports for COVID-19: Scientific, Ethical, Policy and Design Implications	Primary Investigator	\$236 858
Jun 2020 - Jun 2021	Children's Hospital Academic Medical Organization (CHAMO) - Innovation Fund	Establishing the true prevalence of SARS-CoV-2 infection in Ontario reproductive age women through newborn blood spot antibody testing	Co-Investigator (PI - Pranesh Chakraborty)	\$90 000
Jun 2020 - Jun 2021	The Ottawa Hospital Academic Medical Organization (TOHAMO) - COVID-19 Innovation Fund	Getting Ahead of the Curve: Predictive COVID-19 Case Identification Using an Interactive Propensity Score Modelling & AI Approach	Co-Investigator (PI - Lise Bjerre)	\$99 844
Jun 2020 - Jun 2021	Ottawa Hospital Research Institute (OHRI) COVID-19 Emergency Response Fund	Mobile Reporting of Adverse Events from a Pandemic COVID-19 Vaccine	Principle Investigator	\$25 000
Jun 2020 - Jun 2021	The Ottawa Hospital Academic Medical Organization (TOHAMO) - COVID-19 Innovation Fund	Mobile Reporting of Adverse Events from a Pandemic COVID-19 Vaccine	Principle Investigator	\$75 000
Apr 2020 - Mar 2021	Canadian Institute of Health Research (CIHR) Catalyst Gr: Disease Prev./Risk Factor	DemoPredict: Using linked accelerometry data to predict incident dementia in older Canadians	Co-Investigator (PI - Amy Hsu, Doug Manuel, Peter Tanuseputro)	\$100 000



	Modification - Non-communicable diseases			
Apr 2020 - Mar 2024	Canadian Institute of Health Research (CIHR) Operating Grant: SPOR Innovative Clinical Trial Multi-Year Grant	An innovative registry-based trials platform to improve clinical care, outcomes, and health policy for children with treatable rare diseases	Co-Investigator (Co-PI - Beth Potter et al)	\$688 502
Feb 2020 - Aug 2021	Canadian Institute of Health Research (CIHR) Operating Grant: COVID-19 - Coordination, governance and logistics	Canada's response to Covid-19 in the context of the IHR(2005) and its opportunity to lead in global health security: a policy analysis	Principal Investigator	\$141 598
Mar 2020 - Feb 2021	The Ottawa Hospital Academic Medical Organization (TOHAMO) - Innovation Fund	Development of a Personalized Decision Support Tool for Goals of Care Discussions in Hospital	Co-Investigator (PI – Daniel Kobewka)	\$98 400
Jan 2020- Mar 2021	Province of New Brunswick	New Brunswick Healthy Seniors Pilot Project	Primary Investigator	\$483 659
2019- 2020	Bruyere Academic Medical Organization; Incentive Fund	Assessing impact of activity management software on patient or resident experience in facilities	Co-Investigator (PI - Jonah Marek)	\$19 930
2019 - 2023	Canadian Institute of Health Research (CIHR)	One Health Network for the Global Governance of Infectious Diseases and Antimicrobial Resistance	Co-Investigator (PI - Ronald Labonte)	\$500 000
2019 - 2020	Canadian Immunization Research Network (CIRN)	Effectiveness of influenza vaccination during pregnancy on laboratory-confirmed seasonal influenza among	Co-Investigator (PI - Deshayne Fell)	\$149 748



		infants under 6 months of age		
2019	World Health Organization (WHO)	Assess the experiences of NFPs in fulfilling their functions under the IHR and how WHO can better support them in doing so	Primary Investigator	\$107 702.76
2019 - 2020	Canadian Institute of Health Research (CIHR); SPOR ICT operating grant	Tranexamic acid to reduce red blood cell transfusion in major non- cardiac surgery (TRACTION): A pragmatic, registry-based, pilot, randomized controlled trial	Co-Investigator (PI - Ryan Zarychanski)	\$100 000
2019 - 2020	The Ottawa Hospital Academic Medical Organization (TOHAMO) - Innovation Fund	Improving Goals of Care Discussions for Inpatients with an Interactive Decision Support Tool	Co-Investigator (PI – Daniel Kobewka)	\$100 000
2019 - 2021	Canadian Institutes of Health Research - Project Grant	The Prevention of Group B Streptococcal (GBS) disease in infants	Co-Investigator (PI – Natasha Crowcroft)	\$409 276
Nov 2018 - Nov 2021	Canadian Institutes of Health Research - Early Career Investigator	Impact of maternal pertussis immunization on pregnancy outcome and child health	Co-Investigator (PI – Deshayne Fell)	\$100 170
Jul 2018 - Jul 2021	Canadian Institutes of Health Research - Project Grant	Impact of maternal pertussis immunization on pregnancy outcome and child health	Co-Investigator (PI – Deshayne Fell)	\$336 600
2018 - 2019	The Ottawa Hospital Academic Medical Organization (TOHAMO) - Innovation Fund	A patient-oriented risk communication tool to improve patient experience, knowledge and outcomes after elective surgery	Co-Investigator (PI – Daniel Mclsaac)	\$98 819
Jun 2018 - Aug 2019	Centre for Aging + Brain Health Innovation (CABHI) -	Risk Evaluation for Support: Predictions for Elder-life in the Community	Co-Investigator (PI – Doug Manuel)	\$249 000



	Researcher-Clinician Partnership Program (RCP ²)	Tool Dementia (RESPECT: Dementia)		
2018 - 2021	Heart and Stroke Foundation (HSFC) - Grant in Aid	RecoverNow: early tablet-based speech therapy for post stroke aphasia	Co-Investigator (PI – Dar Dowlatshahi)	\$290 899
Mar 2018 - Mar 2020	Canadian Institutes of Health Research - Catalyst Grant	Improving the health of infants and children through research that links large health administrative databases with clinical, screening, and laboratory data	Co-Investigator (PI - Steven Hawken)	\$197 610
Mar 2018 - Feb 2019	Canadian Institutes of Health Research - Catalyst Grant	Mapping Canadian Knowledge of, and Involvement in, the Global Governance of Anti-microbial Resistance and Related Infectious Diseases	Co-Investigator (PI – Ronald Labonte)	\$100 000
Jan 2018 – Jan 2019	Canadian Institutes of Health Research - Planning and Dissemination Grants	Planning for Syndemics	Co-Investigator (PI – Natasha Crowcroft)	\$19 375
Dec 2017	Stars in Reproductive, Maternal, Newborn and Child Health (RMNCH) – Grand Challenges Canada	Refugees’ Immunization App (RImA) pilot and evaluation	Co-Investigator (PI – Ziad El-Khatib)	\$100 000
Dec. 2017- Dec 2018	Canadian Institutes of Health Research - Catalyst Grant	HPV knowledge, attitudes & beliefs: Informing the development of a digital education tool for newcomers	Primary applicant	\$200 000
Nov 2017 - Oct 2019	Bill & Melinda Gates Foundation	Metabolic gestational age assessment in low resource settings	Primary applicant	\$948 502 USD

Sep 2017 - Sep 2018	TOHAMO Quality & Patient Safety Grant	Improving patient experience through patient-oriented, personalized preoperative risk communication	Co-Investigator (PI - Daniel Mclsaac)	\$18 200
Apr 2017 - Mar 2020	Canadian Institutes of Health Research - Project Grant	An Innovative Trial Assessing Donor Sex on Recipient Mortality (iTADS)	Co-applicant (PIs - Dean Fergusson, Alan Tinmouth, Michael Chasse)	\$371 026
Apr 2017 - Mar 2020	Canadian Institutes of Health Research - Project Grant	Designing interventions to improve delivery of health care for children with inherited metabolic diseases: family and provider perspectives	Co-applicant (PIs - Elizabeth Potter, Pranesh Chakraborty)	\$738 224
Apr 2017 - Mar 2019	Canadian Stroke Trials for Optimized Results (CaSTOR) Collaborative Networking Grant	RecoverNow: Bringing Rehabilitation To The Acute Care Setting Using Mobile Platform Technology	Co-applicant (PIs- Dar Dowlatshahi, Dale Corbett)	\$29 840
Apr 2017 - Mar 2019	The Ottawa Hospital Academic Medical Organization (TOHAMO) Innovation Fund Grant	Bringing CT Head Rules, IA Risk Score and SAH Rule to the point of care using digital technologies: Development and evaluation of impact	Co-Principal Investigator (Co-PI – Ian Stiell)	\$99 672
Apr 2017 - Mar 2019	The Ottawa Hospital Academic Medical Organization (TOHAMO) Innovation Fund Grant	iOS APP to Assist End Stage Kidney Disease Patients with Phosphate Self-Management	Co-Principal Investigator (Co-PI – Deborah Zimmerman)	\$93 330
Mar 2017 - Mar 2018	Canadian Institutes of Health Research - Operating Grant: Improved	Improving the Health of Immigrant and Refugee Women and Children through Immunization	Co-applicant (PI- Cindy Jardine)	\$100 000



	Immunization Coverage Initiative			
Mar 2017 - Mar 2018	Canadian Institutes of Health Research - Operating Grant: Analyses of Existing Cohorts & Databases – IHDCYH	Health outcomes in children of mothers who received influenza vaccination during pregnancy	Co-applicant (PI- Deshayne Fell)	\$75 000
Feb 2017 - Jan 2019	Canadian Institutes of Health Research - Operating grant: Improved immunization coverage initiative	Immunization coverage among newcomers to Ontario	Co-applicant (PI- Sarah Wilson)	\$99 247
Jan 2017 - Mar 2021	PCIRN (PHAC/CIHR Influenza Research Network)	Canadian Immunization Research Network	Co-Investigator (PI - Scott Halperin)	\$10 083 334
Oct 2016 - Sep 2018	Cardiac Arrhythmia Network of Canada (CANet)	Reducing sudden cardiac death via ICT: coordinated use of information and communication technologies (ICT) to empower patients and their families to reduce sudden cardiac death post myocardial infarction - Development of “know your SCD risk and Ejection Fraction” Patient Empowerment ICT platform.	Co-applicant (PI- Calum Redpath)	\$210 000
Jul 2016 - Jun 2018	CHAMO Innovation Fund	Development and validation of a prediction model for severe (hospitalized) RSV through the development of an ICES based RSV research platform	Co- Applicant (PI - Charles Hui)	\$90 000



Nov 2015 – Nov 2017	Bill & Melinda Gates Foundation	Development of a global algorithm for metabolic gestational age dating	Principal Applicant	\$1 558 150 US
Jul 2015 - Jun 2022	Canadian Institutes of Health Research (CIHR) Foundation Scheme - FDN 143271	Improving care for emergency department and Pre-hospital patients with acute and life-threatening conditions	Co-applicant (PI - Ian Stiell)	\$2 093 539
Nov 2015- Oct 2017	PHAC-NSHRF - Evidence Review Synthesis Centres	Ottawa Hospital Research Institute – Evidence Review Synthesis Centre	Co-applicant (PI - David Moher)	\$200 000
Jul 2015 – Jun 2018	Canadian Institutes of Health Research/CBS Priority Announcement - Transfusion Science 201503-PH1	Examining the relationship between repeated blood donations in female donors on maternal/neonatal outcomes: a cohort study”	Co-applicant (PI- Alan Tinmouth)	\$135 657
Jul 2015 – Jun 2016	Toronto Transplant Institute Education Innovation Grant	An Electronic Education Tool to promote Strategies for Safer Living and Immunization after Transplantation	Co-applicant (PI – Deepali Kumar)	\$15 000
Apr 2015 - Mar 2017	The Ottawa Hospital Academic Medical Organization (TOHAMO) Innovation Fund Grant	Development and evaluation of a mobile App to promote the use of the Ottawa ankle rules and the Canadian C-spine rule	Principal Investigator	\$99 900
Nov 2014 - Apr 2016	Bill & Melinda Gates Foundation	Using Newborn Screening Data to Estimate Gestational Age	Principal Investigator	\$113 080
Oct 2014 – Sep 2016	CBS/CIHR Partnership – Blood Supply Risk	Short and long-term clinical effects of blood donor characteristics in transfusion recipients	Co-investigator (PI: Dean Fergusson)	\$103 806

Jun 2014 – May 2017	Canadian Institutes of Health Research	Canadian Immunization Research Network	Co-Principal Investigator (PI: Scott Halperin)	\$6 583 497
Apr 2014 – Mar 2017	Canadian Blood Services	Program Support Award for Canadian Transfusion Medicine and Science Research: University of Ottawa Centre for Transfusion Research	Co-Investigator (PI: Alan Tinmouth)	\$718 287
Apr 2014 – Mar 2015	Health Quality Ontario – Health Technology Fund Program	Evidence-based Practice Centre Program	Co-Investigator (PI: D. Moher)	\$647 000
2012 - 2017	Canadian Institutes of Health Research	Emerging team grant in rare diseases: achieving the “triple aim” for inborn errors of metabolism	Co-Principal Investigator (PI: B. Potter)	\$1 490 486
2012 - 2014	Canadian Institutes of Health Research	Infant outcomes in the first year of life associated with maternal H1N1 vaccination	Co-investigator (PI: A Sprague)	\$228 000
2012 - 2014	Canadian Institutes of Health Research	Developing a framework for applying the precautionary principle for blood transfusion safety decisions.	Principal Investigator	\$152 728
2011 - 2016	Ontario Research Fund (ORF)	The use of eTriggers to systematically detect and manage adverse events.	Co-investigator (PI: A Forster)	\$1 686 027
2010 - 2011	Canadian Institutes of Health Research	Understanding the publics’ response to the H1N1 vaccine.	Principal Investigator	\$96 851
2010 - 2011	Canadian Institutes of Health Research	Pandemics in the Age of Social Media: Content Analysis of Tweets for Infoveillance and knowledge Translation Research	Co-investigator (PI: G. Eysenbach)	\$100 000
2010 - 2011	Canadian Institutes of Health Research	The use of evidence in developing public health policies for H1N1	Co-investigator (PI: Natasha Crowcroft)	\$97 656

2009 - 2010	World Health Organization	Studies for the review and evaluation of the functioning of IHR's Annex 2 (2005)	Principal Investigator	\$73 030
2009 - 2010	Canadian Patient Safety Institute	Predicting Clostridium difficile-associated diarrhea risk and impact	Co-investigator (PI: Alan Forster)	\$128 000
2008 - 2009	Canadian Blood Services	Discharge hemoglobin and readmission to hospital after bypass surgery	Co-investigator (PI: Nadine Shehata)	\$100 000
2008 - 2013	Canadian Foundation for Innovation	Canada Research Chair in Public Health Policy	Principal Investigator	\$100 000
2008 - 2011	Canadian Institutes of Health Research	Canadian Program of Research on Ethics in a Pandemic (CanPREP): Whose risks, whose duties, and what priorities?	Co-investigator (PI: Ross Upshur)	\$491 344
2007 - 2009	Canadian Institutes of Health Research	Evaluating the need for and potential design of a no-fault compensation program for immunization related injuries	Principal Investigator (Co PI: J. Keelan)	\$145 274
2007 - 2008	Canadian Institutes of Health Research	Ethics and pandemic planning. Engaging the voices of the public.	Co-investigator (PI: Upshur R)	\$150 000
2006	Canadian Institutes of Health Research	Strategies for implementation of the revised international health regulations by federal countries - A workshop	Principal Investigator	\$19 950
2004 - 2006	Canadian Institutes of Health Research	Legal foundations for a national disease control and surveillance agency.	Co-investigator (PI: Caulfield T)	\$160 000
2004 - 2005	Canadian Institutes of Health Research	Ethical Challenges In The Prepared-ness and Response For SARS: An Interdisciplinary Research Study	Co-investigator (PI: Upshur R)	\$194 850



2004 - 2007	Canadian Institutes of Health Research	Developing Frameworks for studying intergovernmental relations in public health	Co-Principal Investigator Co PI: H. Lazar	\$201 105
2003 - 2005	Canadian Blood Services	The Decision to Transfuse Red Blood Cells in Coronary Artery Bypass Surgery	Co-investigator PI: N. Shehata	\$14 978
2002 - 2004	Canadian Institutes of Health Research	An analysis of the emerging debate on pediatric vaccinations	Principal Investigator	\$148 026
2002	Canadian Institutes of Health Research	A cross-provincial comparison of health care policy reform in Canada	Co-investigator (PI: H. Lazar)	\$147 200
2002	Canadian Naturopathic Foundation	Randomised controlled trial of evidence delivery	Co-Investigator (PI: E Mills)	\$7 000
2001 - 2004	Ontario HIV Treatment Network	Determining if ingestion of Silybum Marianum (Milk Thistle) influences the metabolism of indinavir in Healthy subjects: a randomized controlled Phase I study	Co-Principal Investigator	\$100 000
2001 - 2004	Ontario Ministry of Health Blood Conservation Program	The Evaluation of Funding Strategies for Blood Products	Co-investigator (PI: P. Hebert)	\$573 988
2001- 2002	Canadian Institutes of Health Research	A policy analysis of two strategies for the payment of blood products	Principal Investigator	\$120 915
2000 - 2001	Medical Research Council of Canada	A policy analysis of major decisions relating to Creutzfeldt-Jakob Disease and the blood supply	Principal Investigator	\$48 741
2000 - 2001	Royal College of Physicians and Surgeons	Development and Program Incorporation of Evaluative Tools for the Essential Roles and Key Competencies determined by Can Meds 2000	Co-investigator (PI: P. Tugwell)	\$25 047

Trainee Awards (peer reviewed)

Period	Granting Agency	Title of Grant	Role	Amount
2017 - 2019	Canadian Institutes of Health Research	Using a novel Pan-Canadian mobile immunization platform to assess and improve national vaccine coverage	Co-supervisor (Recipient: K Atkinson)	\$105,000
Apr 2017 - Mar 2018	Canadian Institutes of Health Research	Travel grant	Supervisor (Recipient: K Atkinson)	\$11,000
2012 - 2014	Canadian Institutes of Health Research	Determining the risk of adverse events following recommended pediatric vaccinations in the general population and vulnerable subgroups of children in Ontario, Canada.	Supervisor (Recipient: S. Hawken)	\$105,000
2010 - 2011	Canadian Institutes of Health Research	Understanding the issues surrounding parents' decisions to accept new vaccines for their children: A psychological theory-based approach.	Supervisor (Recipient: T Nguyen)	\$17,500

Research and Development Grants (non-peer reviewed)

Period	Granting Agency	Title of Grant	Role	Amount
Dec 2019	Pfizer (Quality Improvement Grant)	Improving vaccine uptake and series completion at the 12-month visit: Assessment of baseline vaccination rates to inform the design, implementation and	Project Lead (Recipient: K Atkinson)	\$144,655.20

		evaluation of a digital intervention targeting the 12-vaccines month		
Jun 2018 - May 2019	Government of Prince Edward Island	Development of an Electronic Adult Immunization Self-Assessment Tool	Principal Investigator	\$11,000
Mar 2017 - Mar 2018	Canada Fetal Alcohol Spectrum Disorder (FASD) Research Network	Create a mobile solution that will provide clinicians with the ability to navigate diagnostic algorithms for fetal alcohol spectrum disorder (FASD)	Principal Investigator	\$150,000
Nov 2016 - Nov 2017	Microsoft Azure Research Award CRM:0518794	CanImmunize database grant	Co-Investigator (PI - Cam Bell)	\$20,000 US
2016 - 2017	Bill & Melinda Gates Foundation	Developing a metabolic algorithm for neonatal sepsis and hypoxic ischemic encephalopathy	Principal Applicant	\$234,260 US
2016 - 2017	Sanofi-Pasteur Ltd.	Introducing Trade Names into ImmunizeCA	Principal Investigator	\$88,050
Apr 2016 - Mar 2019	PHAC - Innovation Strategy Program	Development of a mobile enhanced immunization information system	Principal Investigator	\$3,489,139
2014 - 2015	Sanofi-Pasteur Ltd.	Building the Capability for mobile phones to scan 2d vaccine barcodes.	Principal Investigator	\$28,589
2014 - 2015	Canadian Blood Services Small Projects Fund	Trends and Predictors of Transfusion in Obstetrical Patients	Co-investigator (PI – N. Shehata)	\$15,000
2013 - 2014	Ontario Ministry of Health and	Validation of OHIP immunization delivery codes using EMR data	Co – Investigator (PI-J. Kwong)	\$52,276



	Long-Term Care (funded by AHRQ)			
2013	Canadian Association for Immunization Research and Evaluation (CAIRE)	Metrics and public uptake of a new smartphone application, ImmunizeCanada	Principal Investigator	\$30,855
2013 - 2015	Public Health Agency of Canada Innovations Program	Building a Mobile Vaccine Tracking Application (MVT-APP) for Canadians	Project Lead (CPHA and OHRI)	\$446,583
2013	PCIRN/CIHR	A study of the impact of ImmunizeON, a new iPhone app, on maternal beliefs and attitudes toward pediatric vaccination	Principal Investigator	\$30,224
2012	Public Health Ontario	Evaluating Vaccine Coverage and Safety in Vulnerable Children	Co-Principal Investigator	\$19,466
2012	Ottawa Technology Transfer Network	ImmunizeON	Project Sponsor	\$10,000
2012	SME4SME (Fed/dev program)	ImmunizeCa (app development)	Project Sponsor	\$20,000
2012	Public Health Ontario	Evaluation of Ontario's Rotavirus vaccination program	Co-Principal Investigator	\$10,049
2011	Public Health Ontario	Long-term follow-up of children who have adverse events following vaccination	Co-Principal Investigator	\$25,000
2010	Public Health Ontario	Vaccine Safety in low birth weight children	Co-Principal Investigator	\$10,000
2009	Public Health Agency of Canada	Evaluating vaccine programmes	Principal Investigator	\$25,000

2009	Public Health Agency of Canada	Development of a no-fault compensation programme for vaccine injuries	Co-investigator (PI: J. Keelan)	\$25,000
2008 - 2009	Canadian Partnership against Cancer	Development of a National Cancer Research Strategy	Subject Matter Expert	\$450,000
2006	Canadian International Development Agency	Challenges to National Governance in Implementing the New International health Regulations	Co-investigator (PI: H. Lazar)	\$55,600
2005 - 2006	Public Health Agency of Canada	An analysis of intergovernmental relations in public health	Co-Principal Investigator (Co PI: H. Lazar)	\$150,000

CONTRIBUTIONS

Books/Edited works	1
Refereed Journal Articles	309
Refereed Chapters In Books	12
Conference Publications	68
Other Contributions	56

Books/Edited works

1. **Wilson K**, Lazar H. Intergovernmental Relations in Public Health. Special Working Paper series. *Institute of Intergovernmental Relations*. Queen's University, Kingston. ON. 2009

Publications in refereed journals

Articles in Medical and Scientific Journals

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2. Hawken S, Ducharme R, Murphy MSQ, Olibris B, Bota AB, Wilson LA, Cheng W, Little J, Potter BK, Denize KM, Lamoureux M, Henderson M, Rittenhouse KJ, Price JT, Mwape H, Vwalika B, Musonda P, Pervin J, Chowdhury AKA, Rahman A, Chakraborty P, Stringer JSA, **Wilson K**. Development and external validation of machine learning algorithms for postnatal gestational age estimation using clinical data and metabolomic markers. *PLoS One*. 2023 Mar 6;18(3):e0281074. doi: 10.1371/journal.pone.0281074.
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8. Atkinson KM, Ntacyabukura B, Hawken S, Laflamme L, **Wilson K**. Effects of the COVID-19 pandemic on self-reported 12-month pneumococcal vaccination series completion rates

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28. Karaceper M, Brownell M, Casey R, Chakraborty P, Coyle D, Davies C, Dodds L, Feigenbaum A, Fell D, Greenberg C, Guttmann A, Khan A, Kronick J, Laberge AM, Mhanni A, Miller F, Nakhla M, Prasad C, Vallance H, Wilson B, **Wilson K**, Potter BK. 'The epidemiology and health system impact of medium-chain acyl-CoA dehydrogenase deficiency among affected children and those with false positive newborn screening results in Ontario, Canada'. Presented at the: American College of Genetics and Genomics Annual Meeting, March 21, 2013, Phoenix, AZ (**Poster Presentation**)
29. Khangura SD, Chakraborty P, Coyle D, Karaceper M, Kronick J, Laberge AM, Little J, Miller F, Mitchell JJ, Prasad C, Sikora L, Siriwardena K, Speechley K, Trakadis Y, Wilson B, **Wilson K**, Potter BK, on behalf of CIMDRN. 'Patient- and Family-Oriented Outcomes for Inborn Errors of Metabolism: A systematic review'. Presented at the: American College of Genetics and Genomics Annual Meeting, March 21, 2013, Phoenix, AZ (**Poster Presentation**)
30. Ducharme R, Hawken S, Manuel DG, Deeks SL, Kwong JC, Natasha S, Crowcroft NS, **Wilson K**. Vaccine and Immunization Surveillance in Ontario (VISION) – Using linked health administrative databases to monitor vaccine safety. 10th Canadian Immunization Conference, Vancouver, BC, December 3-5, 2012
31. Hawken S, Ducharme R, Manuel DG, Deeks SL, Kwong JC, Crowcroft NS, **Wilson K**. The impact of a child's birth-order on relative incidence of ER visits and admissions following routine pediatric vaccination in Ontario, Canada. 10th Canadian Immunization Conference, Vancouver, BC, December 3-5, 2012
32. Hawken S, Ducharme R, Kwong JC, **Wilson K**, Benchimol E. Adverse events following influenza immunization in children with Inflammatory Bowel Disease: a population-based study. 10th Canadian Immunization Conference, Vancouver, BC, December 3-5, 2012
33. Hawken S, Ducharme R, Manuel DG, Deeks SL, Kwong JC, Crowcroft NS, **Wilson K**. The impact of the transition from whole-cell to acellular pertussis vaccine on health services

- utilization in Ontario, Canada. 10th Canadian Immunization Conference, Vancouver, BC, December 3-5, 2012
34. Shehata N, Timmouth A, Naglie G, Freedman J, **Wilson K**. ABO-Identical vs non-identical Platelet Transfusions? A Systematic Review. Canadian Society for Transfusion Medicine. Ottawa, Canada. June 1 2009
 35. Wu P, **Wilson K**, Dimoulas-Graham P, Mills E. Effectiveness of smoking cessation therapies: A systematic review and meta-analysis. Society for Research on Nicotine and Tobacco's 13th Annual Meeting. February 21-24, 2007. Austin, Texas
 36. Mills E, Nachega J, Buchan I, Orbinski J, Singh S, Rachlis b, Thabane L, **Wilson K**, Bangsberg D, Guyatt G. Adherence to antiretroviral therapy in Africa versus North America: a meta-regression analysis. XVI International AIDS Conference, Toronto, Canada, August 2006
 37. McDougall C, **Wilson K**, Upshur R. Opportunities & Obstacles to the Implementation of the Revised International Health Regulations: Results of a Qualitative Study of Global Public Health Capacity and Governance. International Conference on Emerging Infectious Diseases. Atlanta March 2006
 38. Ries N, Gibson E, Caulfield T, **Wilson K**, Isasi R. The role of law in influencing the public's health. Canadian Public Health Association Annual Conference 2006. Vancouver BC
 39. Ritvo P, **Wilson K**, Bourg E, Matthew A. Attitudes and knowledge regarding preventative vaccines in California and Canada. Aids Vaccine Conference 2005
 40. Lazar H, **Wilson K**. Planning for the next Pandemic Threat: Defining the Federal Role in Public Health Emergencies. Health Service Restructuring. New evidence and new directions. IRPP 2005. Queen's University
 41. Mills E, Singh S, Rachlis B, **Wilson K**, Wu P. Media reporting of tenofovir trials in Cambodia and Cameroon. Ontario HIV Treatment Network Conference 2005. Toronto. ON
 42. Shehata N, **Wilson K**, Mazer D, Streiner D, Hebert D, Tomlinson G, Naglie G. Factors affecting physicians' decisions to transfuse red blood cells to patients having coronary

- artery bypass graft surgery: a national survey. American Society of Hematology 2004 Annual Meeting. Abstract published *Transfusion* 2005, 45(3S); 144A
43. **Wilson K**, MacLennan C, Lazar H. Planning for the next Pandemic Threat: Defining the Federal Role in Public Health Emergencies. Institute of Public Administration of Canada. 2005 National Conference
 44. Mills EJ, **Wilson K**, Rachlis B, Griffith L, Wu P, Guyatt GH, Cooper C. Participation in HIV drug trials: A systematic review of barriers. Ontario HIV Treatment Network Conference 2004. Toronto. ON
 45. Mills EJ, Foster BC, van Heeswijk R, **Wilson K**, Phillips E, Kanfer I. Traditional Medicine for HIV/AIDS: A call for caution. Ontario HIV Treatment Network Conference 2004. Toronto. ON
 46. Mills EJ, **Wilson K**. Systematic reviews of qualitative studies. Workshop at 12th Cochrane Colloquium. Ottawa, 2004
 47. Mills EJ, **Wilson K**, Sulway C, Gilchrest A, Rachlis B, Guyatt GH. Barriers to participating in an HIV vaccine trial: A systematic review. 12th Cochrane Collaboration. Ottawa, 2004
 48. Amin M, Fergusson D, Aziz A, **Wilson K**, Coyle D, Hébert P. The cost of allogeneic red blood cells – a systematic review. Canadian Association for Health Services and Policy Research Conference 2004
 49. Fergusson DA, Hutton B, Sharma M, Tinmouth A, **Wilson K**, Cameron B, Hebert PC. Use of intravenous immunoglobulin for treatment of neurological conditions: a systematic review. American Society of Hematology 2004 Annual Meeting
 50. Mills EJ, **Wilson K**, Foster B, Phillips E, Walker S, Hollyer T, Gallicano K, Clarke M. Determining if ingestion of Silybum Marianum (Milk Thistle) influences the metabolism of indinavir in healthy subjects: a randomized controlled phase I study. XV International AIDS Conference, Bangkok Thailand, July 2004. Abstract no. B4611 in the section Improving life by treatment and care

51. **Wilson K**, McCrea-Logie J, Lazar H. Understanding the Impact of Intergovernmental Relations on Public Health: Lessons from reform initiatives in the blood system and health surveillance. Canadian Political Science Association Meeting. June 2004
52. Straus S, Gold WL, **Wilson K**, Kapral M, Rambaldini G, Rath D. Impact of SARS on Health Care Professionals. American Psychiatric Association 157th Annual Meeting. May 2004
53. Straus S, Rambaldini G, Rath D, **Wilson K**, Kapral M, Gold WL. Medical Professionalism in the Context of the SARS Outbreak in Toronto. SGIM 2004
54. Mills E, **Wilson K**, Foster B, Walker S, Rachlis B, DeGroot N, Gold W, Phillips E, Myers S, Gallicano K, Clarke M. Milk thistle and indinavir: a randomized controlled pharmacokinetics study. Ontario HIV Treatment Network Research Day. November 2003
55. **Wilson K**. vCJD and the Canadian Blood Supply – Understanding decision-making under uncertainty on theoretical risks. Strengthening the Foundations: Health Services and Policy Research ↔ Canadian Health Care. Montreal, Quebec
56. Mills E, Ross C, Jadad A, **Wilson K**. A systematic review of parental beliefs and attitudes towards childhood vaccination. XI Cochrane Colloquium. Evidence, Health Care and Culture. October 2003. Barcelona Spain
57. **Wilson K**, Sulway C, Gilchrest A, Rachlis B, Mills EJ, Barriers to participating in an HIV vaccine trial: A systematic review. 2nd International AIDS Society Conference on HIV Pathogenesis and Treatment. July 2003
58. **Wilson K**, Mills E, Gilchrest A, Rachlis B, Sulway C. Barriers to participating in an HIV vaccine trial: A systematic review. Ontario HIV Treatment Network Research Day. November 2002
59. Mills EJ, **Wilson K**, Foster B, Phillips E, Walker S, Hollyer T, Gallicano K. Determining if ingestion of Silybum Marianum (Milk Thistle) influences the metabolism of Indinavir in Healthy subjects: a randomized controlled Phase I study ISRCTN78545137. Ontario HIV Treatment Network Research Day. November 2002

60. Mills EJ, Singh R, Kawasaki M, Hart J, Bast L, Majlesi A, Kiani P, **Wilson K**. "Examination of Health Food Store Practices: Advice Presented to the HIV Community" Ontario HIV Treatment Network Research Day. November 2002
61. **Wilson K**. Variant CJD, theoretical risk, and the Precautionary Principle. 2002 National Policy Research Conference – Future Trends: Risk
62. Mills EJ, Singh R, Kawasaki M, **Wilson K**. Examination of Health Food Store Practices: Advice Presented to the HIV Community. International Scientific Conference on Complementary, Alternative and Integrative Medical Research. Harvard University. April 2002
63. **Wilson K**, Mills E, Boon H, Ritvo P, McGeer A, Jadad A. An analysis of the emerging debate on pediatric vaccinations (proposal). Canadian Vaccine Networks (CANVAC) Second Annual Scientific Meeting. March 8-11, 2002 Sainte-Adèle, Quebec
64. **Wilson K**, Mills E. The association of autism and MMR. A systematic review of the current evidence. CANVAC Second Annual Scientific Meeting. March 8-11, 2002. Sainte-Adèle, Quebec
65. Mills E, Hollyer T, Saranchuk R, **Wilson K**. "Teaching Critical Appraisal to Naturopathic Students" Presented at the 1st International Conference on Teaching Evidence Based Health Care, NHS & University of Oxford, Sicily, Italy, Sept. 16, 2001 by E. Mills
66. **Wilson K**, Clark H, Dent R. Changes in smoking status of patients enrolled in a formal weight Loss program – North American Association for the Study of Obesity, 2000
67. **Wilson K**, Clark H, Hotz S, Dent R. Impact of smoking status on weight loss and cardiovascular risk factors - North American Association for the Study of Obesity, 1999
68. **Wilson K**, Gibson N, Cook D. Effect of smoking cessation on mortality post myocardial infarction (meta-analysis). - Royal College of Physicians and Surgeons of Canada, 1998

PRESENTATIONS AND SPECIAL LECTURES

International

- Agile research to complement agile development: a proposal for an mHealth research lifecycle. Seminar to the Injuries Social Aetiology and Consequences (ISAC) Group, Karolinska Institute, Sweden. June 4, 2019
- Governance Challenges to Implementation of the International Health Regulations (2005). *Global Health Security Seminar Series*, sponsored by Georgetown's Center for Global Health Science and Security and the Global Health Initiative. Washington, DC, USA. 25 April 2019
- The use of newborn metabolic screens in determining gestational age at birth. *Bill & Melinda Gates Foundation Grand Challenges Meeting*. Washington, DC, USA. 3 October 2017
- International validation of a postnatal gestational age algorithm using newborn screening blood spots. Maternal and Child Health Division, The International Centre for Diarrhoeal Disease Research, Bangladesh. Dhaka, Bangladesh. 7 May 2017
- Postnatal gestational age estimation using newborn fetal hemoglobin levels. Healthy Birth Growth and Development Session. *Bill & Melinda Gates Foundation Grand Challenges Meeting*. London, UK. 25 October 2016
- The ImmunizeCA experience: lessons learned in Canada and opportunities for the United States. Boston Children's Hospital. Boston, MA. 11 Feb 2016
- Studies for the review and evaluation of the functioning of Annex 2 of the IHR(2005). *IHR Review Committee*. World Health Organization. Geneva, Switzerland. July 1, 2010
- Coping with Anti-vaccination 2.0. *2009 New York State Immunization Meeting*. April 24, 2009
- The International Health Regulations and the Federalism Dilemma. *Great Lakes Border Health Initiative*. Niagara Falls, New York. June 14, 2007

- The State of National Governance Relative to the New International Health Regulations. Workshop. *IDRC*. Ottawa ON. September 20-21, 2006. (Designed, organized and coordinated workshop)
- How to conduct systematic reviews of qualitative studies. Workshop. *12th Cochrane Colloquium*. Ottawa On. October 6, 2004
- The association of autistic spectrum disorder and the measles, mumps, rubella vaccine: A systematic review of the current epidemiological evidence. *Midwest Regional Chapter of the American Society of Toxicology*. Chicago. May 14, 2004
- The association of autistic spectrum disorder and the measles, mumps, rubella vaccine: A systematic review of the current epidemiological evidence. *Institute of Medicine/ National Academy of Sciences*. Washington, DC. February 9, 2004
- Evidence-based decision-making for the developing world. The need for a revised precautionary approach? Montreal, Quebec. *American Society for Bioethics/ Canadian Bioethics Society Annual meeting*. (October 23, 2003). Montreal, Quebec
- How to teach Evidence Based Medicine in the emergency room (co-presenter). *Society of General Internal Medicine Conference*. Washington, DC. 1997

National

- Secrets to Successful Innovation - Navigating Physician and Industry Interactions. Children's Healthcare Canada Conference: Energy, Optimism & Leadership, Invited Speaker. November 30-December 1, 2022
- Connections, Community & Self Care, Panoptic Perspectives in Health: Future of Health Care: Research, Innovation & Practice, Panelist. 2022 Canadian Medical Hall of Fame Award Symposium. June 18, 2022
- Canada's Vaccine Injury Support Program, Presenter (virtual). 2021 Canadian Immunization Conference. December 8, 2021
- Digital employee vaccination for COVID-19 services, Speaker (virtual). CANImmunize and Aon. December 14-15, 2022

- Effect of COVID-19 for IBD patients: International Approaches to Public Health Security (webinar). Crohns and Colitis Canada. April 16, 2020
- Battling pandemics in an era of populism: Lessons from coronavirus (webinar). The Group of 78. March 31, 2020
- Importance of Immunization. Rotary Club, guest speaker. Ottawa, ON. January 21, 2020
- Digital Railway – New Confederation Breakthrough (digital health data for all – physicians, researchers, patients and the public). Friday Luncheon Discussion Club. Ottawa, Ontario. November 1, 2019
- PHO Grand Rounds: Integrating CANImmunize with the DHIR: Using technology to connect Ontarians with Public Health. Toronto, Ontario April 24, 2018
- Present Update on CANImmunize App to Canadian Immunization Committee (CIC). Ottawa, Ontario. November 30, 2017
- The Ottawa Hospital mHealth Lab, Queen’s Park Research Showcase. Toronto, Ontario, October 25, 2017
- CANImmunize Presentation to Ontario Pharmacists Association eHealth/Software Vendors. Toronto, Ontario. September 13, 2017
- CANImmunize presentation to NATIONAL Toronto. Toronto, Ontario. August 11, 2017
- Empowering Pharmacists to Track Immunizations with CANImmunize. Canadian Pharmacist Conference. Quebec City, Quebec, June 5, 2017
- CANImmunize, a digital immunization record for Canadians. Toronto Public Health. Toronto, Ontario. June 2, 2017
- CANImmunize, a digital immunization record for Canadians. Atlantic Immunization Education Day. Moncton, New Brunswick, May 11, 2017

- Immunization education resource and CANImmunize project. Vaccine Preventable Disease Manager Teleconference, MOHLTC. April 20, 2017
- College Day Creative Zone. Queen's Park, Toronto, Ontario. April 3, 2017
- Health Law/Medicine Symposium. University of Ottawa. February 10, 2017
- Risk of exposure to blood products during pregnancy: guidance for Zika donor deferral policies. CBS Scientific, Research and Advisory Committee. Toronto, Ontario, January 11, 2017
- Integrating CANImmunize with the Ontario Immunization Information System. Corporate Chief Information Officer for the Government of Ontario. Toronto, Ontario. 11 January 2017
- CANImmunize Project Introduction. Chief Public Health Officer and President of the Public Health Agency of Canada. Ottawa, Ontario. January 5, 2017
- Teaching Children about Immunization. Steve Jobs vs. the measles: using digital tools to enhance immunization. 2016 Canadian Immunization Conference - December 6, 2016 (Ottawa)
- Vaccine Hesitancy - The Influence of Alternative Medical Providers. Vaccine Hesitancy and the health care professional. 2016 Canadian Immunization Conference - December 7, 2016 (Ottawa)
- Lessons Learned from Interoperability Implementations. Canada Health Infoway Partnership Conference. November 17th, 2016. Toronto, Ontario
- Defining the digital health alliance action plan. Canada Health Infoway, Clinical Interoperability Steering Committee. September 12, 2016. (Toronto)
- Ongoing Studies of the Ottawa Transfusion Medicine Group. Canadian Blood Services Scientific and Research Advisory Committee. Toronto, Ontario. 15 June 2016
- ImmunizeCA App - Phase 2 of the App. Canadian Immunization Committee Meeting, Public Health Agency of Canada. Jan 12, 2016

- Health administrative data and perinatal health: The accurate prediction of gestational age using newborn screening analytes. ICES Primary Care & Population Health Program Meeting. Toronto, Dec 16, 2015
- Our vision for a Mobile Enhanced Immunization Information System. Ministry of Health and Long-Term Care. Toronto, Ontario. 28 Jan 2015
- Using Mobile Technologies to Improve Health; Our experiencing launching a national immunization app, ImmunizeCA. Trillium Health Partners, Research Innovation Rounds. Toronto, Ontario. 19 Jan 2015
- New technologies and vaccine confidence: Opportunities and challenges. Vaccine Sciences Symposium, Toronto, Dec 5, 2013
- Predictors of adverse events following 12 month vaccination. CAIRE Research Symposium. Vancouver, BC. December 2, 2012
- Time for a Canada Public Health Act. CMA National Health Policy and Negotiations Conference. Ottawa. ON. October 3rd, 2011
- Legal Issues Related to Mandatory Vaccination. Community and Hospital Infection Control Association- Canada (CHICA-Canada) 2011 Annual conference. Toronto, ON. May 31, 2011
- Design for a Canadian no-fault injury compensation program. 9th Canadian Immunization Conference. Toronto, ON. December 6, 2010
- Public Health and Risk. International Consensus Conference on Risk-based Decision Making for Blood Safety 2010. Toronto, ON. October 27, 2010
- Global Issue: Pandemics presentation to Canadian Security Studies Program (CSSP). Canadian Forces College. Toronto, ON. April 28, 2010
- Presentation to International Health Regulations (IHR) 2005 “Federalism Dilemma”. Ottawa, April 21, 2010

- Metabolic Susceptibility to Vaccine Injuries. Vaccine Sciences Symposium, Ontario Agency for Health Protection and Promotion. Toronto. April 7, 2010
- Social media and vaccination communication. CAIRE Master Class. Ottawa. September 25, 2009
- Presentation to Subcommittee on Food Safety of the Standing Committee on Agriculture and Agri-Food. Ottawa, ON. June 10, 2009
- Does Canada need a no-fault compensation program for immunization injuries? Canadian Immunization Congress. Toronto, ON. December 2, 2008
- Coping with Anti-vaccination 2.0. Canadian Immunization Congress. Toronto, ON. December 2, 2008
- Requirements for the transfer of health information under new International law. Electronic Health Information and Privacy Conference. Ottawa, ON. November 3, 2008
- Understanding the anti-vaccination movement. Canadian Conference on International Health. Ottawa, ON. October 27, 2008
- The precautionary principle. Atlantic Medical Officer's of Health Conference. Moncton, New Brunswick. May 8, 2008
- No-fault compensation programs for vaccine injuries. CAIRE. Montreal, Quebec. November 30, 2007
- The precautionary principle and public health. First Canadian Roundtable on Public Health Ethics. Montreal, QC. November 9, 2007
- National Governance challenges to managing infectious disease threats. National Judicial Institute (Governing During a Pandemic). Vancouver, BC. October 29, 2007
- The Anti-Vaccination Movement. AMMI Canada – CACMID Annual Conference. Halifax, NS. March 18, 2007

- Governance and Pandemic threats. Canadian Public Health Association Annual Conference. May 29, 2006
- Planning for the next Pandemic Threat: Defining the Federal Role in Public Health Emergencies.. 4th Annual Health Policy Summit. Toronto, ON. April 27th, 2006
- Public Health Science and the Law. Curriculum Meeting: National Health Law Conference. Halifax, Nova Scotia. February 25, 2006
- Planning for the next Pandemic Threat: Defining the Federal Role in Public Health Emergencies. Institute of Public Administration of Canada. 2005 National Conference. Regina Saskatchewan. October 29, 2005
- Scientific Uncertainty and the Formulation of Policy Concerning Risk. Third Session of the Statistics and Risk Assessment Section's International Expert Advisory Group on Risk Modeling. Public Health Agency of Canada. February 25, 2005
- Managing Risk in the Presence of Scientific Uncertainty – How Useful is the Precautionary Principal? Public Health Agency of Canada International CJD Scientific Meeting. December 9, 2004
- Understanding the debate on pediatric vaccination. Recommendations from a Canadian policy analysis. CANVAC Fourth Annual Scientific Meeting. November 19th, 2004. Saint Saveur, Quebec
- An analysis of the pediatric vaccination debate. *National Advisory Committee on Immunization*. Ottawa, ON. October 7th, 2004
- The precautionary principal and the Canadian blood system. Canadian Blood Services/Hema-Quebec national consensus conference. Toronto, ON. March 2004
- Understanding the Anti-vaccination Movement. CANVAC Third Annual Scientific Meeting. June 7th, 2003. Saint Adele, Quebec
- Variant CJD, theoretical risk and the Precautionary Principle. 2002 National Policy Research) Conference – *Future Trends: Risk*. Health Canada, Ottawa, ON. (October 23rd, 2002- Chaired and presented at session)

- The role of federalism in health surveillance. A case study of the National Health Surveillance System. Social Union Project Conference. Ottawa, ON. 1999
- Effect of smoking cessation on mortality post myocardial infarction. Meta-analysis of cohort studies. Royal College of Physicians and Surgeons of Canada Conference. Vancouver, B.C. November 1997

University

- SIM_Public health 2: Immunization workshop. School of Epidemiology and Public Health, University of Ottawa. November 22, 2022
- Borders - Boundaries - Pandemics, conference hosted by the University of Ottawa Centre for Health Law, Policy and Ethics. October 21–22, 2022
- University of Ottawa Health Law guest lecture. September 19, 2022
- PHPM Resident Academic Half-Day: Pandemic & IHR presentation. University of Ottawa (virtual). April 1, 2022
- MHA6271[BV] Application of IT In Health Care 20221. Telfer School of Management, University of Ottawa (virtual). January 29, 2022
- The science, policy and technology of the COVID-19 vaccine roll-out. Queen's University Contagion Cultures Lecture Series (virtual). March 16, 2021
- EPI 6344 COVID - A Multidisciplinary Perspective. Webinar, University of Ottawa. Ottawa, ON. May 5, 2020
- Science + Policy → Our Response to COVID-19 and Next Steps. Webinar, University of Ottawa Centre for Health Law, Policy and Ethics. Ottawa, ON. April 8, 2020
- Newborn Metabolic Profile: A Global Metric for Gestational Dating and Outcomes. Preterm Birth and Newborn Metabolites: Workshop, University of California San Francisco, California. January 9, 2020

- Metabolic gestational age dating in newborns to identify preterm birth and small for gestational age infants in low resource settings. March of Dimes Prematurity Research Center lab meeting, Stanford University, California. January 8, 2020
- Guest Lecture - HLTH3101 International Health Regulations, Carleton University. November 25, 2019
- CANImmunize/Public Policy. 2019 Action Global Health Network Conference: Combating Vaccine Hesitancy, University of Ottawa, Faculty of Medicine. November 3, 2019
- Governance Challenges to Implementation of the International Health Regulations (2005). Global Health Network Seminar, University of Ottawa. September 26, 2019
- Health-Law Guest Lecture: Risk and the Precautionary Principle. University of Ottawa, September 16, 2019
- Guest Lecture - HLTH3101 International Health Regulations, Carleton University. November 26, 2018
- Health-Law Guest Lecture: Risk and the Precautionary Principle. University of Ottawa, September 17, 2018
- Guest Lecture - HLTH3101 International Health Regulations, Carleton University. November 21, 2017
- Health-Law Guest Lecture: Risk and the Precautionary Principle. University of Ottawa, October 16, 2017
- Algonquin College: FHP Presentation to Students, Ottawa, Ontario. September 28, 2017
- TPH Topic of the Week - Presentation to chief residents of the Public Health and Preventive Medicine Program, University of Toronto (CANImmunize, experience as a researcher/innovator/internist interfacing with various public health agencies, academia and levels of government). June 2, 2017
- Keynote at Actions for Healthcare Conference - University of Ottawa. February 17, 2017

- International Health Regulations - University of Ottawa. Course HSS3105A-Global Citizenship and Health. October 14, 2016
- Understanding decision-making on risk: Evidence-based medicine and the precautionary principle. Public Health Law - Guest Lecture. University of Ottawa, October 3, 2016
- Disrupting healthcare through the use of mobile technologies. University of Ottawa, Department of Medicine, Medical Grand Rounds. March 29, 2016
- Steve Jobs vs the Measles: The Transformative Impact of Mobile Technologies on Public Health. Lunch and Learn Presentation. University of New Brunswick. November 27, 2015
- International Health Regulations – University of Ottawa - Course HSS3105 – Global Citizenship and Health, November 26, 2015
- Agenda setting, evidence & politics in health policy. University of Ottawa – EPI 7184, September 25, 2015 (Speaking to Public Health Residents)
- Risk, Causation and the precautionary principle. Public Health Law - Guest Lecture. University of Ottawa, September 18, 2015
- Agenda setting, evidence & politics in health policy. University of Ottawa – EPI 7184, June 8, 2015 (Speaking to Public Health Residents)
- International Health Regulations – University of Ottawa - Course HSS3105 – Global Citizenship and Health, November 25, 2014
- Research Activities presented at 42nd Institute Advisory Board (IAB) meeting, the Canadian Institutes of Health Research's (CIHR) Institute of Infection and Immunity (ILL). Ottawa, April 15, 2014
- Evidence and risk analysis seminar in Public Health Law and Policy Course – University of Toronto, November 26 and 27, 2013
- International Health Regulations – University of Ottawa - Course HSS105A – Global Citizenship and Health, November 28, 2013

- Social Media and Health Research. Department of Medicine Grand Rounds - Dalhousie University, Halifax. April 8, 2010
- Understanding pediatric vaccine rejection - lessons for the H1N1 vaccine program. University of Toronto School of Public Health. October 16, 2009
- A centre for public health policy analysis. Institute of Population Health, University of Ottawa. November 26, 2008
- Evidence-based medicine. The Good, the bad and the ugly. Critical debates in evidence-based medicine. University of Toronto. November 14, 2008
- What is health policy analysis? Ottawa Health Research Institute Research Day. Ottawa, ON. October 17, 2007
- Science and International Governance. Controlling pandemics. Centre for International Health. University of Toronto. May 8, 2007
- Governance and Biosecurity. Centre for Democracy, Queen's University. October 19, 2006
- Governance and Biosecurity. Institute of Population Health, University of Ottawa. May 2, 2006
- Planning for the next Pandemic Threat: Defining the Federal Role in Public Health Emergencies. MBA class (Guest lecture). McMaster University. February 27, 2006
- Planning for the next Pandemic Threat: Defining the Federal Role in Public Health Emergencies. Health Law Club, University of Toronto. January 25, 2006
- Complementary and Alternative Medicine/ Evidence-Based Medicine. Paradigms in Conflict? Integrating Complementary and Alternative Medicine with Western Medicine. Local and International Perspectives. Centre for International Health. University of Toronto. October 15, 2005
- Scientific Uncertainty and the Formulation of Health Policy Concerning Risk. Comparative Program in Health and Society. Munk Centre for International Studies. Nov 3, 2004

- The Canadian Blood System post Krever – successes and challenges. The Institute of Population Health. University of Ottawa. April 27, 2004
- The Complexities of multi-level governance in public health. *University of Toronto Faculty of Law*. November 27, 2003
- An Analysis of the Emerging Debate on Pediatric Vaccinations. University of Toronto Joint Centre for Bioethics. November 27, 2002
- How to Conduct Health Policy Analyses. University of Toronto School of Health Administration. October 24, 2001
- How to Conduct Health Policy Analyses. Centre for the Evaluation of Medicines, McMaster University (St. Joseph's Health Centre, Hamilton, ON). October 9, 2001
- An introduction to Evidence-Based decision making for Naturopaths. Canadian College of Naturopathic Medicine. July 24, 2001
- An Evidence Based Medicine Approach to Chronic Obstructive Pulmonary (invited speaker). Rush University. St. Luke's Medical Centre, Chicago. March 21, 2001
- Problems with Evidence Based Medicine - Opportunities for Health Policy Research (invited speaker). Opening of Population Health Institute. June 2000
- The CJD story in Canada. – University of Western Ontario (invited speaker). May 2000
- The CJD story in Canada. – Queen's University (invited speaker), April 2000
- Effect of smoking cessation on mortality post myocardial infarction. Meta-analysis of cohort studies. (invited speaker). University of Ottawa. January 1998

Hospital

- Bruyere Town Hall: latest information on vaccination, Presenter. September 26, 2022
- Bruyere Town Hall: the sixth wave, how it's different and what we can do as health care workers and community members, Presenter (virtual). May 2, 2022

- Helping researchers cope with the new reality of COVID-19. OHRI Scientific Retreat, Research Day. Ottawa, ON. May 7, 2020
- mHealth Lab Research Successes. Patient-Oriented Research: The Ottawa Outreach and Information Session, Ontario SPOR SUPPORT Unit (OSSU). Ottawa, Ontario. May 14, 2019
- Developing a global preterm birth screening program using newborn bloodspots. CHEO RI Health Information Technology Conference. Ottawa, Ontario. May 8, 2018
- Agile research and development for digital health. Keynote Talk: OHRI Investigator Day, October 17, 2017
- Grand Rounds (co-presenter). The Ottawa Hospital, Ottawa, Ontario. September 19, 2017
- Present CANImmunize to the Mother Baby Unit nurses at TOH Civic campus. Ottawa, Ontario. July 24, 2017
- Helping newcomers track their immunizations with the CANImmunize app. Bruyere Research in Progress Rounds. Ottawa, Ontario, March 30, 2017
- Creating a digital health program for the Ottawa Hospital. Presentation to OHRI Board of Directors. January 12, 2017
- Disrupting healthcare through the use of mobile technologies. Clinical Epidemiology Program Rounds, OHRI. May 13, 2016
- Disrupting healthcare through the use of mobile technologies. Medical Grand Rounds. Medical Grand Rounds, The Ottawa Hospital. Ottawa, Ontario. 29 April 2016
- Using mobile technologies to improve health. CHEO Grand Rounds, April 29, 2015
- Steve Jobs versus the measles - Research in Progress. ID City-Wide Rounds, The Ottawa Hospital, March 10, 2015
- My life as an app developer: the ImmunizeON experience. Clinical Epidemiology Rounds, Ottawa Hospital Research Institute. January 10, 2014

- Advances in vaccine safety surveillance using VISION (Vaccine and Immunization Surveillance in Ontario). Clinical Epidemiology Rounds. Ottawa Hospital Research Institute. November 30, 2012
- Introducing VISION (Vaccine and Immunization Surveillance in Ontario). Clinical Epidemiology Rounds. Ottawa Hospital Research Institute. April 8, 2011
- Why do people reject vaccines? Moving from policy to science. Grand Rounds. Department of Medicine, University of Ottawa. March 23, 2011
- Web 2.0 and the public health communication. Clinical Epidemiology rounds. Institute for Clinical Evaluative Sciences - Sunnybrook hospital. June 16, 2009
- Web 2.0 and the public health communication. Clinical Epidemiology Rounds. Ottawa Health Research Institute. November 21, 2008
- Influenza Vaccination and Guillain Barre Syndrome. Infectious Diseases Rounds. Sunnybrook Hospital. January 23rd, 2007
- Influenza Vaccination and Guillain Barre Syndrome. Department of Medicine Grand Rounds. UHN/Mount Sinai Hospitals. January 23rd, 2007
- Governance challenges to managing public health emergencies – lessons from SARS. St. Michael's Hospital. November 3, 2004
- Scientific Uncertainty and the Formulation of Health Policy Concerning Risk. Grand Rounds. Toronto General Hospital. September 16, 2004
- Understanding the Pediatric Vaccination Debate. Infectious Diseases Rounds. Toronto General Hospital (July 27, 2004)
- Understanding the Pediatric Vaccination Debate. Children's Hospital of Eastern Ontario. (June 28, 2004)
- Managing Risk in the Face of Uncertainty. How useful is the Precautionary Principle? Grand Rounds Toronto General Hospital. (September 4th, 2002)

- Managing Risk in the Face of Uncertainty. How useful is the Precautionary Principle? Grand Rounds Toronto General Hospital. (July 18th, 2002)
- Designing a clinical trial to evaluate competing payment mechanisms for blood products. Clinical Epidemiology Rounds. Toronto General Hospital. October 22, 2001
- Optimizing physician's use of blood products. Towards developing a democratic clinical trial. Grand Rounds Toronto Western Hospital. Aug 15, 2001
- Problems with Health Policy Analysis (invited speaker). Clinical Epidemiology rounds. Institute for Clinical Evaluative Sciences - Sunnybrook hospital. May 2nd, 2001
- A policy analysis of major decisions relating to Creutzfeldt-Jakob disease and the blood supply (invited speaker). Clinical Epidemiology rounds, Toronto General Hospital. February 12, 2001

Policy Organizations

- Global pre-term birth screening using a blood test. Global Affairs Canada. Ottawa, ON. Feb 22, 2018
- The CANImmunize project - developing an international digital immunization passport. Global Affairs Canada. Ottawa, ON. Feb 22, 2018
- Using mobile technologies to improve health: our experience launching a national immunization app, Immunize CA. Trillium Health Partners, Research and Innovation Rounds. Toronto, ON Jan 29, 2015
- Improving immunization information systems with a mobile app. Public Health Ontario, Grand Rounds. Toronto, ON. October 16, 2014
- Mobile Immunization Apps. The ImmunizeOn experience. Ontario Surveillance Visioning Day. Toronto ON. February 20, 2013
- The ImmunizeON app. Toronto Public Health. Toronto, ON. November 9, 2012

- Public Health advocacy for other recommended but unfunded preventative measures. CAIRE Workshop. Ottawa, ON. November 2, 2012
- Use of Social Media in Communicable Disease Epidemiology. Spring 2012 APHEO Workshop. Toronto, ON. April 5, 2012
- Vaccine and Immunization Surveillance in Ontario (VISION). CADTH, Ottawa, ON. March 7, 2012
- Vaccine and Immunization Surveillance in Ontario (VISION). Vaccine Safety Meeting. Public Health Ontario. Toronto, ON. March 1, 2012
- Coping with anti-vaccination 2.0. Public Health Network's communications and marketing meeting. Ottawa, ON. September 30, 2010
- Securing the public health realm. A project for Canada in the new century. Office of Public Health Practice. Public Health agency of Canada. February 9th 2010
- The federal role in public health. The future of health and healthcare. Ottawa, ON. February 8th, 2010
- Public Health Security. Health Goals Roundtable. Ottawa, ON. January 29th, 2010
- Cost-effectiveness analyses in transfusion medicine. A conflict of interest? OBAC meeting. Toronto ON. October 20, 2009
- Outbreak of H1N1. Auditor General of Canada's offices. Ottawa ON. May 8, 2009
- Cost-effectiveness analyses in transfusion medicine. A conflict of interest? OnTrac meeting. Toronto ON. March 4, 2009
- The Precautionary Principle. Managing theoretical risks in public health. Association of Local Public health Agencies. Toronto, ON. December 6, 2007
- Risk and Public Health. *Ministry of Health and Long-Term Care Ontario*. May 9, 2007

- The Precautionary Principle. Managing theoretical risks in public health. Toronto Public Health. Toronto, ON. January 17, 2007
- Planning for the next Pandemic Threat: Defining the Federal Role in Public Health Emergencies. Conference Board of Canada, Centre for National Security. Toronto ON. April 6, 2006
- Co-chair of Risk Communication session: Advanced Risk Management Techniques, Strategies, and Modeling Practices: Blood Safety. Health Canada. March 14th, 2003
- Analysis of the Chargeback model for funding the blood system. Ontario Blood System Reference Group Meeting. January 16, 2003
- Variant CJD and the Canadian blood supply. An analysis of policy. Ministry of Health and Long Term Care of Ontario – Public Health Division. Education Day. December 4th, 2001
- Policy analysis of the Canadian blood system’s handling of issues related to Creutzfeldt-Jakob disease – major findings and recommendations. For National Blood Safety Council. March 19, 2001, Ottawa. ON
- Policy analysis of the Canadian blood system’s handling of issues related to Creutzfeldt-Jakob disease – major findings and recommendations. For Hema-Quebec. March 9, 2001, Toronto. ON
- Policy analysis of the Canadian blood system’s handling of issues related to Creutzfeldt-Jakob disease – major findings and recommendations. For Therapeutics Products Programme. January 22, 2001, Toronto. ON
- Policy analysis of the Canadian blood system’s handling of issues related to Creutzfeldt-Jakob disease – major findings and recommendations. For Canadian Blood Services. January 21, 2001, Ottawa. ON
- Introduction to Evidence Based Medicine. Workman’s Compensation Board of Ontario. Toronto, ON. 1999

Panels/Consultations

- Future of Intelligence Fireside Chat, Panelist (virtual). IDC Directions 2022. April 5, 2022
- IBM Design Thinking workshop: A future for Safety data processing, Subject Matter Expert. Gatineau, Quebec. April 5, 2022
- Booster Information Session - Ask Anything on Boosters and Omicron (virtual). Hosted by Ottawa Chinese Community Service Center. January 31, 2022
- Webinar: Omicron, vaccines, and me. What now? – a panel discussion and Q&A session (virtual). Hosted by Bruyere. January 11, 2022
- Webinar: Considerations for Workplace Vaccination Policy & Tracking, Panelist (virtual), hosted by CANImmunize Shield, Gowling WLG. Jan 7, 2022
- Webinar: Ottawa Board of Trade, CANImmunize, Ottawa Public Health, Panelist (virtual). December 15, 2022
- Q&A session with Innovation and eHealth team, Presenter (virtual). New Brunswick Dept of Health. December 9, 2021
- CITF Field Studies Working Party: Immunity Passports for COVID-19: Scientific, Ethical, Policy and Design Implications, Presenter (virtual). COVID-19 Immunity Task Force. December 3, 2021
- Guest panelist: Panel: How Can Registries Support Innovation and Improvements in Care? Better Outcomes Registry & Network (BORN) Ontario Conference, Ottawa, ON. November 8, 2019
- Guest panelist: Panel: Mobilizing Knowledge to Patients At-Risk to Influenza. Adult Influenza Vaccination: Calling Canadian Patient Organizations to Action, Expert Meeting, Toronto, ON. June 25, 2019
- Guest panelist: Panel: Regulating Safety and Quality, Machine M.D.: The Law, Policy and Ethics of Emerging Health Technologies, University of Ottawa, Ottawa, ON. June 1, 2019

- Guest panelist: Panel: How to promote research through government-academic-public health-industry interactions while minimizing real or perceived COI, CAIRE Research Symposium, Ottawa, ON. Dec 3, 2018
- Guest panelist: Panel: Looking over the horizon—Health workforce in a Brave New World, 2018 Canadian Health Workforce Conference, Gatineau, QC. Oct 4, 2018
- Guest panelist: Panel: Vaccine Injury Compensation, Public Health Vaccination Forum, Montreal, QC. May 29, 2018
- Keynote speaker, Panel: Clinical and medical Apps and devices. Healthcare Information and Management Systems Society (HIMSS) 2018 Conference, Las Vegas, NV, March 6-7, 2018
- Guest panelist: Province-building and the Future of Social Programs. Conference of Tomorrow, Toronto, Ontario. December 12, 2017
- Guest panelist: Pharmaceuticals and Health Workforce Information Services (PHWIS) Branch Retreat. Canadian Institute for Health Information. October 12, 2017
- Guest panelist: Getting Research Grants - The Top Ten Things I've Learned, University of Ottawa Centre for Health Law, Policy and Ethics. May 30, 2017
- Steve Jobs vs. the Measles: Using Digital tools to enhance immunization. Vaccine Uptake and Acceptance. Canadian Immunization Conference. December 6th, 2016, Ottawa, Ontario
- Vaccine Hesitancy and the Health Care Professional. Concurrent Session: Vaccine Uptake and Acceptance. 12th Annual Canadian Immunization Conference. Ottawa, Ontario. December 6, 2016
- Lessons learned from interoperability implementations. Canada Health Infoway Partnership Conference. November 17, 2016, Toronto, Ontario
- ImmunizeCA immunization App Presentation. Office of the Chief Medical Officer of Health, Department of Health, New Brunswick. November 27, 2015

- What role for the Feds in Health Care? CIHR Café Scientifique. Ottawa, ON September 24, 2015
- “ImmunizeCA app Vision” Ottawa Public Health. May 21, 2015
- “Can we scan 2d barcodes using mobile devices?” Sanofi-Pasteur Ltd. January 27, 2015. Toronto, ON
- Canadian Immunization Conference (CIC 2014) Ottawa. “Practical tools for immunizers.” December 3, 2014
- Canadian Immunization Conference (CIC 2014) Ottawa. “Technology and immunization programs.” December 4, 2014
- University of Ottawa Co-hosted by Global Strategy Lab. “Panel Discussion: Ebola – Are we ready? November 6, 2014
- University of Ottawa Applied Health and Social Research Network. “Precautionary Principle in Public Health – Panel Discussion. April 9, 2010
- Nathanson Centre Consultations, Osgoode Hall Law School. March 29, 2006
- Consensus Panel on water safety. City of Toronto. March 22 and 23, 2006
- Department of Foreign Affairs, Government of Canada. Pandemic Preparedness. April 28, 2006
- International research priorities discussion lead in the Report of the Invitational Research Planning Workshop. Meeting the Challenge of Prion Diseases. Edmonton, Alberta. Sept 25-27, 2003
- Panel Member: Consensus Panel on vCJD Screening of Blood Donors. March 26th-28th, 2003. Montreal, Quebec (Hosted by Hema-Quebec and Canadian Blood Services)
- Invited Participant: Pediatrics and Complementary and Alternative Medicine: Use of Natural Health Food Products. A Priority Setting Forum. November 30- December 1, 2001. Toronto, ON

- Member of Institute of Clinical Evaluative Sciences Expert Panel: Health Technology Assessment of Positron Emission Tomography, February 27th 2001. Toronto, ON

TEACHING AND DESIGN

- Co-coordinator of Resident Research Committee, University of Ottawa 1999-2000, 2000-2001 (responsible for critical appraisal)
- Tutor for Evidence Based Medicine Workshop, McMaster University. 2000
- Tutor trainee Evidence Based Medicine Workshop, McMaster University. 1998

TRAINING AND SUPERVISORY EXPERIENCE

Thesis Committee Member to **Alexa Keeshan**. PhD Candidate, Epidemiology, University of Ottawa

September 2022 - present

Topic: tbd

Thesis Committee Member to **Dina Salama**. MSc Candidate, Epidemiology and Community Medicine, University of Ottawa

March 2021

Topic: Predicting Disease Course in Inflammatory Bowel Disease using Health Administrative Data

Thesis Committee Member to **Emeril Santander**. MSc Candidate, Epidemiology and Community Medicine, University of Ottawa

January 2021

Topic: An investigation of the association between newborn screening biomarkers and total serum bilirubin levels in Ontario newborns: A Systematic Review and Secondary Data Analysis

Thesis Committee Member to **Meghan Lavery**. MSc Candidate, School of Epidemiology Public Health (Faculty of Medicine), University of Ottawa

September 2017 - 2019

Topic: Association Between Maternal Pertussis Vaccination During Pregnancy and Early Childhood Health Outcomes

(Primary Supervisor: Deshayne Fell)

Thesis Committee Member to **Romina Fakhraei**. MSc Candidate, School of Epidemiology Public Health and Preventive Medicine (Faculty of Medicine), University of Ottawa
September 2017 -

Topic: Assessing obstetrical and neonatal outcomes associated with maternal pertussis administration

(Primary Supervisor: Deshayne Fell)

Thesis Committee Member to **Jessica Yau**. MSc Candidate, School of Epidemiology Public Health and Preventive Medicine (Faculty of Medicine), University of Ottawa
January 2018 -

Topic: Association of Newborn Screening Analytes with Type of Delivery Among Preterm and Term Births

(Primary Supervisor - Steven Hawken)

Thesis Committee Member for **Laura Walsh**. MSc Candidate, School of Epidemiology Public Health and Preventive Medicine (Faculty of Medicine), University of Ottawa
April 2017 -

Topic: Association between prenatal exposure to 2009 pandemic H1N1 influenza vaccination and infection during pregnancy and development of immune-related child health outcomes

(Primary Supervisor - Deshayne Fell)

Thesis Committee Member to **Rosiane Simeon**. PhD Candidate, Population Health, University of Ottawa

September 2016 -

Topic: Digital technologies to support patient engagement for producing equity-focused Health Technology Assessment Recommendations (HTA)

(Primary Supervisor - Vivian Welch)

Co-supervisor to **Babak Rashidi**. MSc Candidate, School of Public Health and Health Systems (Faculty of Applied Health Sciences), University of Waterloo

Jan 2017 - Dec 2017

Topic: Reporting of adverse events following immunization (AEFI) using mobile technology

(Primary Supervisor - Helen Chen)

Co-supervisor to **Katherine Atkinson**. PhD Candidate, Karolinska Institutat. Medical Sciences

Oct 2015 –

Topic: Mobile health and immunization practice
(Primary Supervisor - Ziad El-Zhatib)

Co-supervisor to **Taylor Rubens-Augustson**. MPH Candidate, Lund University

Aug 2016 - Jun 2018

Topic: HPV Vaccination and Newcomers to Canada: Healthcare Provider Perspectives. A Qualitative Study
(Primary Supervisor – Martin Stafstrom)

Thesis Committee Member for **Kylie Tingley**. PhD Candidate, University of Ottawa,
Epidemiology

January 2014-2017

Topic: Developing recommendations for a tailored approach to evidence generation, evidence synthesis, and knowledge translation in the context of rare diseases
(Primary Supervisor - Beth Potter)

Thesis Committee Member for **Deshayne Fell**. PhD Candidate. University of McGill,
Department of Epidemiology, Biostatistics and Occupational Health

Topic: Influenza illness and influenza vaccination during pregnancy and risk of preterm birth
and fetal death

(Primary Supervisor - R. Platt)

Successfully defended March 2016

Thesis Committee Member for **Andrea Perna**. PhD Candidate, University of Ottawa,
Population Health Program

Topic: A Multi-Factor Investigation of Vaccine Hesitancy in Canada

(Primary Supervisor - D. Krewski)

Successfully defended Dec 2015

Primary Supervisor to **Steven Hawken**. PhD Candidate. University of Ottawa, Department of
Epidemiology and Community Medicine

Topic: Determining the risk of adverse events following recommended pediatric vaccinations
in the general population and vulnerable subgroups of children in Ontario, Canada

2011-2014

(Co-Primary Supervisor - J. Little)

Successfully defended October 2014

Recipient of CIHR Banting PhD Scholarship

Thesis Committee Member for **Maria Karaceper**. MSc Candidate. University of Ottawa,
Department of Epidemiology and Community Medicine

Topic: The Epidemiology and Health System Impact of Medium-Chain Acyl-CoA
Dehydrogenase Deficiency Among Affected Children and Those with False Positive Newborn
Screening Results in Ontario, Canada

2011-2014

(Primary Supervisor - B. Potter)

Successfully defended June 2014

Primary Supervisor to **Robin Ducharme**. MSc Candidate. University of Ottawa, Department of
Epidemiology and Community Medicine

2010 – 2013

Topic: Preparing for a Safety Evaluation of Rotavirus Vaccine Using Health Services Data in
Ontario: The Development of a Diagnostic Algorithm for Intussusception, an Estimation of
Baseline Incidence and an Evaluation of Methods

(Co-Primary Supervisor - D. Fergusson)

Successfully defended October 16, 2013

Primary Supervisor to **Katherine Atkinson**. BSc Honors Candidate. Carleton University
Department of Health Sciences

2012-2013

Topic: HIV and Blood Safety - What can be learned from 30 years of MSM Deferrals?

Successfully defended April 2013

Co-Primary Supervisor to **Sarah Sutherland**, MSc. University of Ottawa, Department of
Epidemiology and Community Medicine

2009 – 2012

Topic: Explaining variability in analytes obtained at birth through newborn screening

(Co-Primary Supervisor - B. Potter)

Successfully defended November 2012

Co-Primary Supervisor to **Trang Nguyen**, MSc. University of Ottawa, Department of
Epidemiology and Community Medicine

2010–2012

Topic: Acceptance of an emergently released vaccine by the general public: 2009 H1N1 influenza pandemic vaccine

(Co-Primary Supervisor - J. Brehaut)

Successfully defended September 2012

Recipient of CIHR Banting MSc Scholarship

Co-Primary Supervisor to **Tiffany Smith**, MSc. University of Ottawa, Department of Epidemiology and Community Medicine
2010 - 2012

Topic: Applying Current Methods for Estimating Influenza Burden to an Academic Health Sciences Centre

(Co-Primary Supervisor - A. Forster)

Successfully defended July 2012

Co-Primary Supervisor to **Nadine Shehata**, MSc. University of Toronto, Department of Health Policy Management and Evaluation

Topic: What Factors Guide Physicians' Transfusion Decisions during Coronary Artery Bypass Graft Surgery? A National Survey

2003-2005

(Co-Primary Supervisor - G. Naglie)

Completed 2005

External Member of Thesis Committee for **D. Faulkner**, PhD. Brandeis University

Topic: Within the Walls of Parliament Explaining the Decisions made by Canadian Legislators in the Tainted Blood Affair (Social Policy)

Successfully defended 2004

External Supervisor to **Edward Mills**, MSc. Oxford University (Diploma component)

Topic: Herb-drug interactions

Successfully defended 2003

(Primary Supervisor - M. Clarke)