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Department/School:

Department of Medicine, University of Ottawa, May 2008

Professor

Member of School of Graduate Studies and Research: yes

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

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|----------------|---|
| 2015 – present | Affiliate Investigator, CHEO Research Institute |
| 2013 – present | Full Professor, Department of Medicine, University of Ottawa
Cross-appointed to the Department of Epidemiology & Community Medicine, University of Ottawa |
| 2012 - present | Senior Scientist, Clinical Epidemiology Program, Ottawa Hospital Research Institute |
| 2010 - present | Scientist, Institute for Clinical Evaluative Sciences (ICESuOttawa) |
| 2003 - present | Research Associate, Institute of Intergovernmental Relations, Queen's University |
| 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, 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 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

2015 Canadian Wireless Telecommunications Association (CWTA) “Connected to the Community” award for ImmunizeCA (presented to CPHA, ImmunizeCanada and OHRI)

2013 Research Chair in Public Health Innovation - The Ottawa Hospital, Department of Medicine, Ottawa Hospital Research Institute

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

2002 Canadian Institutes for Health Research New Investigator Award

1997 Methodology award at 1997 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

1988 G.F.M. Smith Memorial Scholarship for academic standing

SCHOLARLY and PROFESSIONAL ACTIVITIES

2015	Canadian Institutes for Health Research Foundation Scheme Grants Committee
2014	External reviewer Chief Public Health Officer of Canada –Report to Canadians.
2013 – present	Member, Scientific & Research Advisory Committee, Canadian Blood Services
Sept 2013 – June 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 Physician's 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

- 2001 – 2008 Member, UHN Transfusion Committee

CAREER AWARDS

Period	Granting Agency	Title of Grant	Amount
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
April 1, 2017 - March 31 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
March 2017 - March 2018	Canadian Institutes of Health Research - Operating Grant: Improved Immunization Coverage Initiative	Improving the Health of Immigrant and Refugee Women and Children through Immunization	Co-applicant (PI- Cindy Jardine)	\$200 000
March 2017 - March 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
February 1, 2017 - January 2019	Canadian Institutes of Health Research - Operating grant: Improved immunization coverage initiative	Immunization coverage among newcomers to Ontario	Co-applicant (PI- Sarah Wilson)	\$198 494
April 1, 2017 - March 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
April 1, 2017 - March 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
Oct 1, 2016 - Sept 30, 2018	Cardiac Arrhythmia Network of Canada (CANet)	Reducing sudden cardiac death via ICT: coordinated use of information and	Co-applicant (PI- Calum Redpath)	\$210,000

		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.		
July 2016- June 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)	\$90,000.00
Nov 2015 – Nov 2017	Bill & Melinda Gates Foundation	Development of a global algorithm for metabolic gestational age dating	Principal Applicant	\$1,183,353 US
July 2015 - June 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
July 2015 – June 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
July 1, 2015 – June 30, 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
April 1, 2015 - March 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 1, 2014 - Apr 30, 2016	Bill & Melinda Gates Foundation	Using Newborn Screening Data to Estimate Gestational Age	Principal Investigator	\$113,080
Oct 1, 2014 – Sept 30, 2016	CBS/CIHR Partnership – Blood Supply Risk	Short and long-term clinical effects of blood donor	Co-investigator (PI: Dean Fergusson)	\$103,806

		characteristics in transfusion recipients		
June 2014 – May 2017	Canadian Institutes of Health Research	Canadian Immunization Research Network	Co-Principal Investigator (PI: Scott Halpern)	\$6,583,497
Apr 2014 – March 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)	\$718,286.81
Apr 2014 – March 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 public’s 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 Intelligence 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	Cosupervisor (Recipient: K Atkinson)	\$105,000
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
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	Principal Investigator	\$20,000
Oct 2016 - 2017	Bill & Melinda Gates Foundation	Development of a global algorithm for metabolic gestational age dating	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 Long-Term Care (funded by AHRQ)	Validation of OHIP immunization delivery codes using EMR data	Co – Investigator (PI-J. Kwong)	\$52,276
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

PROGRAM DEVELOPMENT

1. VISION (Vaccine and Immunization Surveillance in Ontario) – a program for evaluating the safety of pediatric vaccines that leverages linked databases housed at ICES.

DIGITAL PRODUCT DEVELOPMENT (as lead of Ottawa mHealth Research Team)

1. ImmunizeON (iPhone App allowing personal tracking of immunization information, reminders for immunization, outbreak alerts and access to resources on immunization for Ontario)
2. ImmunizeCA/CANImmunize (iPhone, Android, Blackberry Canada's national immunization app.)
3. CANVAS app (research study pilot iPhone app designed for reporting adverse events following influenza immunization)

4. The Ottawa Rules app (iphone and Android app to make the Ottawa Rules more accessible to emergency room clinicians)
5. OK Kidney (research study iPhone app to assist dialysis patients in managing dietary phosphate intake)
6. RecoverNow (Android platform to facilitate stroke rehabilitation through the use of prescribed apps)
7. Immunity Warriors: Invasion of the Alien Zombies. www.immunitywarriors.com. A digital motion comic to teach children about immunization.

PUBLICATIONS

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

2. Imtiaz R, Atkinson K, Guerinet J, **Wilson K**, Zimmerman D. Evaluation of OKKidney, a Phosphate Counting Application. *Peritoneal Dialysis International*. 20 April 2017. (Accepted)
3. **Wilson K**, Atkinson KM, Fergusson D, Brown A, Forster A, Murphy MSQ, Tinmouth A, Keelan J. Problems with Precaution: The transfusion medicine experience. *Journal of Risk Research*. 20 April 2017. (Accepted)
4. Houle SKD, Atkinson K, Paradis M, **Wilson K**. CANImmunize – A Digital Tool to Help Patients Manage their Immunizations. *Canadian Pharmacists Journal*. 2017 July/August (In press)
5. Fell DB, Platt RW, Basso O, **Wilson K**, Kaufman JS, Buckeridge DL, Kwong JC. The relationship between 2009 pandemic H1N1 influenza during pregnancy and preterm birth: a population-based cohort study. *Epidemiology*. 2018 January (In press)
6. **Wilson K**, Atkinson K, Crowcroft N. Teaching Children about Immunization in a Digital Age. *Human Vaccines & Immunotherapeutics*. 2017 Feb 6:1-3. doi: 10.1080/21645515.2016.1271519. [Epub ahead of print]
7. **Wilson K**, Atkinson K. Towards Neo-Precaution – a new approach to applying the precautionary principle to public health. *American Journal of Bioethics*. 2017. 17(3):44-46. doi: 10.1080/15265161.2016.1274792.

8. Murphy MS, Shehata N, Colas JA, Chassé M, Fergusson DA, O'Brien SF, Goldman M, Timmouth A, Forster AJ, **Wilson K**. Risk of exposure to blood products during pregnancy: guidance for Zika donor deferral policies. *Transfusion*. 2017 Mar;57(3pt2):811-815 [2017 Feb 5 Epub]
9. Pugliese M, **Wilson K**, Guerinet J, Atkinson KM, Mallet KH, Shamloul R, Zakutney L, Corbett D, Dowlatshahi D. Mobile Tablet-Based Stroke Rehabilitation: Using mHealth Technology to Improve Access to Early Stroke Rehabilitation. *International Journal of Interactive Mobile Technologies*. 2017; 11(1). <http://dx.doi.org/10.3991/ijim.v11i1.6234>.
10. Bell C, Atkinson K, **Wilson K**. Modernizing Immunization Practice Through the Use of Cloud Based Platforms. *Journal of Medical Systems*. 2017 Apr;41(4):57
11. **Wilson K**, Hawken S, Murphy MS, Atkinson KM, Potter BK, Sprague A, Walker M, Chakraborty P, Little J. Postnatal prediction of gestational age using newborn fetal hemoglobin levels. *EBioMedicine*. 2017 Feb;15:203-209.
12. Siddiq S, Wilson BJ, Graham ID, Lamoureux M, Khangura SD, Tingley K, Tessier L, Chakraborty P, Coyle D, Dyack S, Gillis J, Greenberg C, Hayeems R, Jain-Ghai S, Kronick JB, Laberge AM, Little J, Mitchell JJ, Prasad C, Siriwardena K, Sparkes R, Speechley KN, Stockler S, Trakadis Y, Wafa S, Walia J, **Wilson K**, Yuskiv N Potter BK. Canadian Inherited Metabolic Diseases Research Network (CIMDRN). Experiences of Caregivers of Children with Inherited Metabolic Diseases: A Qualitative Study. *Orphanet J Rare Dis*. 2016 Dec 7;11(1):168
13. Hawken S, Ducharme R, Rosella LC, Benchimol EI, Langley JM, **Wilson K**, Crowcroft NS, Halperin SA, Desai S, Naus M, Sanford CJ, Mahmud SM, Deeks S. Assessing the Risk of Intussusception and Rotavirus Vaccine Safety in Canada. *Human Vaccines & Immunotherapeutics*. 2017 Mar 4;13(3):703-710. doi: 10.1080/21645515.2016.1240846.
14. Hawken S, Potter B, Little J, Benchimol EI, Mahmud S, Ducharme R, **Wilson K**. The Use of Relative Incidence Ratios in Self-controlled Case Series Studies: An Overview. *BMC Med Res Methodol*. 2016 Sep 23;16(1):126.
15. Chassé M, Timmouth A, English SW, Acker JP, Wilson K, Knoll G, Shehata N, van Walraven C, Forster AJ, Ramsay T, McIntyre LA, Fergusson DA. Association of blood donor age and sex with recipient survival after red blood cell transfusion. *JAMA Internal Medicine*. 2016;176(9):1307-14. doi:10.1001/jamainternmed.2016.3324
16. Manuel DG, Perez R, Sanmartin C, Taljaard M, Hennessy D, **Wilson K**, Tanuseputro P, Manson H, Bennett C, Tuna M, Rosella LC. Measuring burden of unhealthy behaviours using a multivariable predictive approach: life expectancy lost in Canada from smoking, alcohol, physical inactivity and diet. *Plos Medicine* 2016 Aug 16;13(8):e1002082
17. Fell, DB, **Wilson K**, Ducharme R, Hawken S, Sprague AE, Kwong JC, Smith G, Wen SW, Walker MC. Infant respiratory outcomes associated with prenatal exposure to maternal 2009 A/H1N1 influenza vaccination. *PLOS One*. 2016 Aug 3;11(8):e0160342.

18. Fell D, Buckeridge D, Platt R, Kaufman J, Basso O, **Wilson K**. Circulating influenza virus and adverse pregnancy outcomes: a time-series study. *American Journal of Epidemiology*. 2016;184(3):163-75. doi: 10.1093/aje/kww044
19. **Wilson K**, Atkinson KM, Westeinde J, Bell C, Marty K, Fergusson D, Deeks SL, Crowcroft N, Bettinger JA. An evaluation of the feasibility and usability of a proof of concept mobile app for adverse event reporting post influenza vaccination. *Human Vaccines & Immunotherapeutics*. 2016. 12(7):1738-48. doi: 10.1080/21645515.2016.1152434
20. Bell C, Guerinet J, Atkinson KM, **Wilson K**. Feasibility and limitations of vaccine two-dimensional barcoding using mobile devices. *J Med Internet Res*. 2016 Jun 23;18(6):e143.
21. Atkinson KM, Westeinde, J, Ducharme R, Wilson SE, Deeks SL, Crowcroft N, Hawken S, **Wilson K**. Can mobile technologies improve on-time vaccination? A study piloting maternal use of ImmunizeCA, a pan-Canadian Immunization app. *Human Vaccines & Immunotherapeutics*. 2016. 12(10):2654-2661. doi: 10.1080/21645515.2016.1194146.
22. Dubé E, Gagnon D, Ouakki M, Bettinger JA, Guay M, Halperin S, **Wilson K**, Graham J, Witteman HO, MacDonald S, Fisher W, Monnais L, Tran D, Gagneur A, Guichon J, Saini V, Heffernan JM, Meyer S, Driedger SM, Greenberg J, MacDugall H on behalf of the Canadian Immunization Research Network. Understanding vaccine hesitancy in Canada: Results of a consultation study by the Canadian Immunization Research Network. *PLoS One*. 2016 Jun 3;11(6):e0156118
23. Burgess K, Atkinson KM, Westeinde J, Crowcroft N, Deeks SL, Wilson K. Barriers and facilitators to the use of an immunization application: a qualitative study supplemented with Google Analytics data. *Journal of Public Health (Oxf)*. 2016 May 30. pii: fdw032. [Epub ahead of print]
24. **Wilson K**, Hawken S, Potter B, Chakraborty P, Walker M, Ducharme R, Little J. Accurate prediction of gestational age using newborn screening analyte data. *American Journal of Obstetrics and Gynecology*. 2016; 214(4):513.e1-9. doi:10.1016/j.ajog.2015.10.017
25. **Wilson K**, Atkinson K, Bell C. Travel vaccines enter the digital age: creating a virtual immunization record. *The American Journal of Tropical Medicine and Hygiene*. 2016. 94(3):485-8. doi: 10.4269/ajtmh.15-0510.
26. Chassé M, McIntyre L, English S, Tinmouth A, Knoll G, Wolfe D, **Wilson K**, Shehata N, Forster A, van Walraven C, Fergusson D. Effect of blood donor characteristics on transfusion outcomes: a systematic review and meta-analysis. *Transfusion Medicine Reviews*. 2016; 30(2):69-80. doi:10.1016/j.tmr.2016.01.002
27. Karaceper MD, Chakraborty P, Coyle D, **Wilson K**, Kronick JB, Hawken S, Davies C, Brownell M, Dodds L, Feigenbaum A, Fell DB, Grosse SD, Guttmann A, Laberge AM, Mhanni A, Miller FA, Mitchell JJ, Nakhla M, Prasad C, Sparkes R, Rockman-Greenberg

- C, Wilson BJ, Potter BK, Canadian inherited metabolic diseases research network. The health system impact of false positive newborn screening results for medium-chain acyl-CoA dehydrogenase deficiency: a cohort study. *Orphanet J Rare Dis*. 2016 Feb;11(1):12
28. Khangura SD, Tingley K, Chakraborty P, Coyle D, Kronick JB, Laberge AM, Little J, Miller FA, Mitchell JJ, Prasad C, Siddiq S, Siriwardena K, Sparkes R, Speechley, KN, Stockler S, Trakadis Y, Wilson BJ, **Wilson K**, Potter BK. Canadian Inherited Metabolic Diseases Research Network (CIMDRN). Child and family experiences with inborn errors of metabolism: a qualitative interview study with representatives of patient groups. *J Inherit Metab Dis*. 2016 Jan;39(1):139-47.
 29. **Wilson K**, Atkinson KM, Deeks SL, Crowcroft NS. Improving vaccine registries through mobile technologies. A vision for mobile enhanced immunization information systems. *J Am Med Inform Assoc*. 2016 Jan;23(1):207-11.
 30. Attaran A, **Wilson K**. The Ebola vaccine, iatrogenic injuries and legal liability. *PLOS Med* 2015 Dec 1;12(12):e1001911
 31. McMurtry A, **Wilson K**, Clarkin C, Walji R, Kilian BC, Kilian CC, Lohfeld L, Alolabi B, Hagino C, Busse JW. The development of vaccination perspectives among chiropractic, naturopathic and medical students: A case study of professional enculturation. *Advances in Health Sciences Education Journal: Theory and Practice*. 2015; 20(5):1291-302. doi: 10.1007/s10459-015-9602-4.
 32. Atkinson K, Westeinde J, Hawken S, Ducharme R, Barnhardt K, **Wilson K**. Using mobile technologies for immunization. Predictors of uptake of pan-Canadian immunization APP (ImmunizeCA). *Paediatrics & Child Health*. 2015 Oct;20(7):351-2.
 33. Wilson K, Atkinson KM, Westeinde J. Apps for immunization-leveraging mobile devices to place the individual at the center of care. *Human Vaccines & Immunotherapeutics*. 2015;11(10):2395-9
 34. Shehata N, Forster AJ, Lawrence N, Ducharme R, Fergusson DA, Chassé M, Rothwell DM, Hebert PC, Tinmouth AT, **Wilson K**. Transfusion patterns in all patients admitted to the Intensive Care Unit and in those who die in hospital: a descriptive analysis. *PLoS One*. 2015 Sept 17;10(9):1-12
 35. Keelan J, Beard Ashley L, Morra D, Busch V, Atkinson K, **Wilson K**. Using virtual worlds to conduct health-related research: Lessons from two pilot studies in Second Life. *Health Policy and Technology*. 2015 Sept;4(3):232-40.
 36. Schwartz KL, Tu K, Wing L, Campitelli MA, Crowcroft NS, Deeks SL, Wilson SE, **Wilson K**, Gemmill I, Kwong JC. Validation of infant immunization billing codes in administrative data. *Hum Vaccin Immunother* 2015 Jul 3;11(7):1840-7
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21. Karaceper M, Chakraborty P, Coyle D, **Wilson K**, Potter BK, on behalf of the Canadian Inherited Metabolic Diseases Research Network. '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 2013 Canadian Society for Epidemiology and Biostatistics Biennial Conference, June 27, 2013, St. John's, Newfoundland **Platform Presentation**.

22. Potter BK, Chakraborty P, Brownell M, Coyle D, Hernandez M, Karaceper M, Khangura SD, Kronick J, Little J, MacKenzie J, Mitchell JJ, Potter M, Speechley K, Stockler S, Trakadis Y, Vallance H, **Wilson K** on behalf of the Canadian Inherited Metabolic Diseases Research Network (CIMDRN). 'The Canadian Inherited Metabolic Diseases Research Network: A Pan-Canadian, Practice-Based Research Network for Inborn Errors of Metabolism'. Presented at the 2013 Canadian Society for Epidemiology and Biostatistics Biennial Conference, June 26, 2013, St. John's, Newfoundland **Platform Presentation**.

23. Stockler S, Vallance H, Brownell M, Chakraborty P, Coyle D, Hernandez M, Karaceper M, Khangura SD, Kronick J, Little J, MacKenzie J, Mitchell JJ, Potter M, Speechley K, Trakadis Y, **Wilson K**, Potter BK on behalf of the Canadian Inherited Metabolic Diseases Research Network (CIMDRN). 'The Canadian Inherited Metabolic Diseases Research Network: Achieving the triple aim for inborn errors of metabolism'. Presented at the: 2013 Annual Canadian Association of Health Services and Policy Research Conference, May 29, 2013, Vancouver BC. **Poster Presentation**.

24. Potter BK, Chakraborty P, Coyle D, Kronick JB, **Wilson K**, Greenberg C, Hernandez M, Khangura S, Laberge AM, Little J, MacKenzie J, Mhanni A, Mitchell JJ, Prasad C, Speechley K, Stockler S, Wilson BJ, on behalf of the Canadian Inherited Metabolic Diseases Research Network. 'The Canadian Inherited Metabolic Diseases Research Network: A Pan-Canadian, Practice-Based Research Network for Inborn Errors of Metabolism'. Presented at the: International Rare Diseases Research Consortium (IRDIRC) Conference, April 16-17, 2013, Dublin, Ireland **Poster Presentation**

25. Hernandez M, Chakraborty P, Kronick J, Potter BK, Chan AKJ, Coyle D, Dyack S, Feigenbaum A, Geraghty MT, Karaceper M, Khan A, Little J, MacKenzie J, Maranda B, Mhanni A, Mitchell G, Mitchell JJ, Potter M, Prasad C, Siriwardena K, Stockler S, Trakadis Y, Turner L, Wilson B, **Wilson K** on behalf of CIMDRN. 'A Framework for Developing Clinical Measures to Support Long-term Follow-up of Patients with Inborn Errors of Metabolism'. Presented at the: Canadian Newborn and Child Screening Symposium. Apr 12 2013, Ottawa ON **Poster Presentation**)

26. Potter BK, Chakraborty P, Coyle D, Dyack S, Feigenbaum A, Hernandez M, Karaceper M, Khangura SD, Kronick J, MacKenzie J, Mitchell JJ, Prasad C, Stockler S, Trakadis Y, Wilson B, **Wilson K** on behalf of CIMDRN. 'The Canadian Inherited Metabolic Diseases Research Network: Development of a Pan-Canadian Practice-Based Research Network for Inborn Errors of Metabolism'. Presented at the: American College of Genetics and Genomics Annual Meeting, March 22, 2013, Phoenix, AZ. **Poster Presentation**).

27. Chakraborty P, Kronick J, Potter BK, Vallance H, Karaceper M, Chan AKJ, Coyle D, Dyack S, Feigenbaum A, Geraghty MT, Hernandez M, Khan A, Little J, MacKenzie J, Maranda B, Mhanni A, Mitchell G, Mitchell J, Potter M, Prasad C, Siriwardena K, Stockler S, Trakadis Y, Turner L, Wilson B, **Wilson K**, on behalf of CIMDRN. 'A Framework for Developing Case Definitions and Clinical Measures to Support Longitudinal Research on Outcomes for Inborn Errors of Metabolism'. Presented at the: American College of Genetics and Genomics Annual Meeting, March 22, 2013, Phoenix, AZ (**Poster Presentation**).

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, Tinmouth 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. 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.
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.
63. **Wilson K**, Mills E, Boon H, Ritvo P, McGeer A, Jadad A. An analysis of the emerging debate on pediatric vaccinations (proposal). CANVAC Second Annual Scientific Meeting. March 8-11. 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. 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

- 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.
- 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

- 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 - January 11, 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)
- Workshop - 2016 Infoway Partnership Conference, November 17, 2016 (Toronto)
- Defining the digital health alliance action plan. Canada Health Infoway, Clinical Interoperability Steering Committee. September 12, 2016. (Toronto)
- 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.
- 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 Saver, 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

- 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

- 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
- 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

- 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

- 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.

Invited Reviewer

Journals

- Lancet(5), Journal of the American Medical Association(4), Journal of the American College of Cardiology (1), Canadian Medical Association Journal(8), Archives of Disease in

Childhood(1), Progress in Cardiovascular Diseases(1), Transfusion (1), Transfusion Medicine Reviews(1), Vaccine (2), Current Drug Safety (1), Health Care Policy (2), Health Policy (1), Preventive Medicine (1), BMC Pediatrics (1), BMC Complementary and Alternative Medicine (1), BMC Public Health (1), Conflict and Health (1), Journal of Manipulative and Physiological Therapeutics(1), American Journal of Public Health (3) PLOS One(1), Cochrane (1), Vaccine(1), Pan American Public Health Journal (1); Social Science and Medicine (1), Human Vaccines & Immunotherapeutics (1)

Granting Agencies

- CIHR (38), Sick Children Foundation (2), Health Canada Policy Research Program (4), Health, Welfare and Food Bureau. Government of the Hong Kong Special Administrative Region (3).

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

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

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

May 2016 -

(Primary Supervisor - Helen Chen)

Co-supervisor to **Katherine Atkinson**. PhD Candidate, Karolinska Institutat. Medical Sciences. 2015 –

Topic: Mobile health and immunization practice

(Primary Supervisor - Ziad El-Zhatib)

Co-supervisor to **Alexander Maisonneuve**. PhD Candidate, University of Ottawa, Population Health Program. 2015 –

Topic: The efficacy of multi-media, pro-vaccine interventions targeting children as a method of increasing vaccine uptake in Canada.

(Primary Supervisor - L. Bouchard)

Thesis Committee Member for **Kylie Tingley**. PhD Candidate, University of Ottawa, Epidemiology 2014-2017

Topic:

(Primary Supervisor - Beth Potter)

Thesis Committee Member for **Deshayne Fell**. PhD Candidate. University of McGill,
Topic: Influenza illness and influenza vaccination during pregnancy and risk of preterm birth and fetal death.

Department of Epidemiology, Biostatistics and Occupational Health.

Successfully defended March 2016

(Primary Supervisor R. Platt)

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

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

Successfully defended Dec 2015

(Primary Supervisor D. Krewski)

Primary Supervisor to **Steven Hawken**. PhD Candidate. University of Ottawa, Department of Epidemiology and Community Medicine. 2011-2014

(Co-Primary Supervisor J. Little)

Topic: Predictors of adverse events following immunization

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. 2011-2014

Successfully defended June 2014

(Primary Supervisor B. Potter)

Primary Supervisor to **Robin Ducharme**. MSc Candidate. University of Ottawa, Department of Epidemiology and Community Medicine. 2010 – 2013.

Successfully defended October 16, 2013

(Co-Primary Supervisor D. Fergusson)

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.

Primary Supervisor to **Katherine Atkinson**. BSc Honors Candidate. Carleton University Department of Health Sciences 2012-2013

Successfully defended April 2013

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

Co-Primary Supervisor to **Sarah Sutherland**, MSc. University of Ottawa, Department of Epidemiology and Community Medicine. 2009 – 2012.

Successfully defended November 2012

(Co-Primary Supervisor B. Potter)

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

Co-Primary Supervisor to **Trang Nguyen**, MSc. University of Ottawa, Department of Epidemiology and Community Medicine. 2010–2012.

Successfully defended September 2012 - Recipient of CIHR Banting MSc Scholarship
(Co-Primary Supervisor J. Brehaut)
Topic: Acceptance of an emergently released vaccine by the general public: 2009 H1N1 influenza pandemic vaccine.

Co-Primary Supervisor to **Tiffany Smith**, MSc. University of Ottawa, Department of Epidemiology and Community Medicine. 2010 - 2012. Successfully defended July 2012.
(Co-Primary Supervisor A. Forster)
Topic: Applying Current Methods for Estimating Influenza Burden to an Academic Health Sciences Centre

Co-Primary Supervisor to **Nadine Shehata**, MSc. University of Toronto, Department of Health Policy Management and Evaluation. Completed 2005.
(Co-Primary Supervisor G. Naglie)
Topic: What Factors Guide Physicians' Transfusion Decisions during Coronary Artery Bypass Graft Surgery? A National Survey.

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 **Ed Mills**, MSc. Oxford University (Diploma component).
Topic: Herb-drug interactions. Successfully defended 2003
Primary Supervisor M. Clarke