

CURRICULUM VITAE

NAME: **Steven J. Hawken**
Scientist, Ottawa Hospital Research Institute
Assistant Professor, School of Epidemiology, Public Health and
Preventive Medicine, University of Ottawa
Adjunct Scientist, Institute for Clinical Evaluative Sciences

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EDUCATION:

Ph.D. Epidemiology, University of Ottawa, 2014
M.Sc. Applied Statistics, University of Guelph, 2001
B.Sc. Honours Biological Science, University of Guelph, 1995

RECOGNITIONS

2015 University of Ottawa Faculty of Medicine, Best Thesis Award, PhD in
Epidemiology Program
2014 University of Ottawa Faculty of Medicine, Award of Excellence in Graduate
Studies, PhD in Epidemiology Program

EMPLOYMENT HISTORY:

2015- Assistant Professor, School of Epidemiology, Public Health and Preventive
Medicine, University of Ottawa, Ottawa ON, Canada
2015- Member, Faculty of Graduate and Postdoctoral Studies, University of Ottawa,
Ottawa, ON, Canada
2015- Adjunct Scientist, Institute for Clinical Evaluative Sciences, Ottawa, ON, Canada
2014- Scientist, Clinical Epidemiology Program, Ottawa Hospital Research Institute,
Ottawa, ON, Canada
2009-2015 Senior Methodologist/Lead Analyst, ICES uOttawa, Ottawa Hospital Research
Institute, Ottawa, ON, Canada
2007-2009 Biostatistician and Research Manager, Dept. of Epidemiology and Community
Medicine, University of Ottawa, ON, Canada
2006-2007 Program Lead for Research and Data Mining, Canadian Institute for Health
Information, Ottawa, ON, Canada
2005-2006 Senior Analyst, Canadian Institute for Health Information, Ottawa, ON, Canada
2000-2005 Biostatistician, Population Health Research Institute, McMaster University,
Hamilton, ON, Canada

RESEARCH AND ACADEMIC ACTIVITIES**EXTERNAL RESEARCH FUNDING:**

Year	Source	Title	Role	Amount
2016-2017 (2 years)	Grand Challenges Explorations –Bill and Melinda Gates Foundation	Development of an algorithm for metabolic prediction of risk of neonatal sepsis, hypoxic ischemic encephalopathy and infant death.	Co-investigator (PI Kumanan Wilson)	\$211,259.82 USD
2015-2017 (2 years)	Grand Challenges Explorations –Bill and Melinda Gates Foundation	Development of a global algorithm for metabolic gestational age dating	Co-investigator (PI Kumanan Wilson)	\$1,206,353 USD
2015-2016 (1 year)	CIHR Operating Grant	Crystalloid FLUID Choices for Resuscitation of Hospitalized Patients: A Pragmatic Cluster Cross Over Pilot Trial	Co-investigator (PI Lauralyn McIntyre)	\$99,504 CAD
2014-2016 (1.5 years)	Grand Challenges Explorations –Bill and Melinda Gates Foundation	Using Newborn Screening Data to Estimate Gestational Age	Co-investigator (PI Kumanan Wilson)	\$113,080 USD
2013-2016 (3 years)	CIHR Operating Grant	Assessing Potentially Inappropriate Prescribing (PIP) and predicting patient outcomes in Ontario's elderly population using the modified STOPP criteria in large administrative health databases (the PIP-STOPP study)	Co-investigator (PI Lise Bjerre)	\$192,451 CAD
2012-2014 (3 years)	CIHR Banting Doctoral Research Award	Determining the Risk of Adverse Events following Recommended Pediatric Vaccinations in the General Population and Vulnerable Subgroups of Children in Ontario, Canada	Principle Applicant (Co-supervisors K.Wilson and J.Little)	\$105,000
2004-2009 (5 years)	CIHR Operating Grant	Early origins of obesity and co-morbidities - the FAMILY cohort	Co-investigator (Co-PIs Stephanie Atkinson and Koon Teo)	\$1,311,631 CAD

INTERNAL RESEARCH FUNDING:

Year	Source	Title	Role	Amount
2012-2014 (3 yrs)	University of Ottawa Faculty of Graduate and Postdoctoral Studies	University of Ottawa Excellence Scholarship	Student (Co-supervisors K.Wilson and J.Little)	\$30,000 CAD

GRADUATE SUPERVISIONS:

Completed:	3 M.Sc. (Thesis Advisory Committee member)
In progress:	3 M.Sc. (Co-supervisor)
	1 Ph.D. (Thesis Advisory Committee member)
	1 Ph.D. (Co-supervisor)

EDITORIAL REVIEW

- American Journal of Epidemiology
- American Journal of Infection Control
- BMC Health Services Research
- BMC Medical Research Methodology
- BMC Neurology
- BMC Pediatrics
- Human Vaccines and Immunotherapeutics
- Open Medicine
- Neurological Sciences
- Pharmacoepidemiology and Drug Safety
- PLOS One
- Vaccine

PUBLICATIONS:**Totals:**

Chapters in Books	1
Papers in refereed journal (peer reviewed)	57
Major invited contributions and/or technical reports	2
Abstracts and/or papers read	28
Total Citations (Scopus)	9,352
H-index (Scopus)	17
i10-index (Google Scholar)	28

Refereed Chapters in Books:

1. Campbell H, Hawken S, Theodoratou E, Demarsh A, Hutchings K, Johnson CY, Masson L, Sharp L, Tait V, Little J (2009). Cumulative Assessment of the Role of Human Genome Variation in Colorectal Cancer. In: Human Genome Epidemiology: 2nd ed., Oxford University Press.

Papers in Refereed Journals

1. 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. 2016 Dec 1. [Epub ahead of print].
2. 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 SL. Assessing the risk of intussusception and rotavirus vaccine safety in Canada. Hum Vaccin Immunother. 2016 Nov

11:1-8. [Epub ahead of print].

3. Hawken S, Potter BK, 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.
4. 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.
5. 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. *Hum Vaccin Immunother*. 2016. [Epub ahead of print].
6. Mullen KA, Manuel DG, Hawken SJ, Pipe AL, Coyle D, Hobler LA, Younger J, Wells GA, Reid RD. Effectiveness of a hospital-initiated smoking cessation programme: 2-year health and healthcare outcomes. *Tob Control*. 2016 [Epub ahead of print].
7. Wilson K*, Hawken S*, Potter BK, Chakraborty P, Walker M, Ducharme R, Little J. Accurate prediction of gestational age using newborn screening analyte data. *Am J Obstet Gynecol*. 2016.*Joint first authors.
8. 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, Rockman-Greenberg C, Sparkes R, 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.
9. van Walraven C, Hawken S. Competing risk bias in Kaplan-Meier risk estimates can be corrected. *J Clin Epidemiol*. 2016.
10. Bjerre LM, Ramsay T, Cahir C, Ryan C, Halil R, Farrell B, Thavorn K, Catley C, Hawken S, Gillespie U, Manuel DG. Assessing potentially inappropriate prescribing (PIP) and predicting patient outcomes in Ontario's older population: a population-based cohort study applying subsets of the STOPP/START and Beers' criteria in large health administrative databases. *BMJ Open*. 2015.
11. Cowan J, Gaudet L, Mulpuru S, Corrales-Medina V, Hawken S, Cameron C, Aaron SD, Cameron DW. A Retrospective Longitudinal Within-Subject Risk Interval Analysis of Immunoglobulin Treatment for Recurrent Acute Exacerbation of Chronic Obstructive Pulmonary Disease. *PLoS One*. 2015.
12. Atkinson KM, Westeinde J, Hawken S, Ducharme R, Barnhardt K, Wilson K. Using mobile technologies for immunization: Predictors of uptake of a pan-Canadian

immunization app (ImmunizeCA). *Paediatr Child Health*. 2015 Oct;20(7):351-2.

13. van Walraven C, McAlister FA, Bakal JA, Hawken S, Donzé J. External validation of the Hospital-patient One-year Mortality Risk (HOMR) model for predicting death within 1 year after hospital admission. *CMAJ*. 2015 Jul 14;187(10):725-33.

14. Ramirez FD, Hibbert B, Simard T, Maze R, Pourdjabbar A, Chong AY, Le May M, Shiau J, Wilson KR, Hawken S, O'Brien ER, So DY; Cardiovascular percutaneous trial Investigators. Clinical outcomes among patients with extreme obesity undergoing elective coronary revascularization: Evaluation of major complications in contemporary practice. *Int J Cardiol*. 2015 May 1;186:266-72.

15. Hawken S, Kwong JC, Deeks SL, Crowcroft NS, McGeer AJ, Ducharme R, Campitelli MA, Coyle D, Wilson K. Simulation study of the effect of influenza and influenza vaccination on risk of acquiring Guillain-Barré syndrome. *Emerg Infect Dis*. 2015 Feb;21(2):224-31.

16. Hawken S, Potter BK, Benchimol EI, Little J, Ducharme R, Wilson K. Seasonal variation in rates of emergency room visits and acute admissions following recommended infant vaccinations in Ontario, Canada: A self-controlled case series analysis. *Vaccine*. 2014. 32(52):7148-7153.

17. Wilson K, Hawken S, Ducharme R, Potter BK, Little J, Thebaud B, Chakraborty P. Metabolomics of prematurity: analysis of patterns of amino acids, enzymes, and endocrine markers by categories of gestational age. *Pediatric research*. 2014;75(2):367-73.

18. Awh CC, Hawken S, Zanke BW. Treatment Response to Antioxidants and Zinc Based on CFH and ARMS2 Genetic Risk Allele Number in the Age-Related Eye Disease Study. *Ophthalmology*. 2014. [Epub ahead of Print].

19. Wilson K, Ducharme R, Ward B, Hawken S. Increased emergency room visits or hospital admissions in females after 12-month MMR vaccination, but no difference after vaccinations given at a younger age. *Vaccine*. 2014;32(10):1153-9.

20. Wilson K, Hawken S. Drug safety studies and measures of effect using the self-controlled case series design. *Pharmacoepidemiology and drug safety*. 2013;22(1):108-10.

21. Wilson K, Ducharme R, Hawken S. Association between socioeconomic status and adverse events following immunization at 2, 4, 6 and 12 months. *Human vaccines & immunotherapeutics*. 2013;9(5):1153-7.

22. van Walraven C, Wong J, Forster AJ, Hawken S. Predicting post-discharge death or readmission: deterioration of model performance in population having multiple admissions per patient. *Journal of evaluation in clinical practice*. 2013;19(6):1012-8.

23. Simard T, Hibbert B, Pourdjabbar A, Ramirez FD, Wilson KR, Hawken S, O'Brien ER. Percutaneous coronary intervention with or without on-site coronary artery bypass surgery: a systematic review and meta-analysis. *International journal of cardiology*. 2013;167(1):197-204.

24. Shehata N, Forster A, Li L, Rothwell DM, Mazer CD, Naglie G, Fowler R, Tu JV, Rubens FD, Hawken S, Wilson K. Does anemia impact hospital readmissions after coronary artery bypass surgery? *Transfusion*. 2013;53(8):1688-97.
25. Seibert TA, Hibbert B, Chen YX, Rayner K, Simard T, Hu T, Cuerrier CM, Zhao X, de Belleruche J, Chow BJ, Hawken S, Wilson KR, O'Brien ER. Serum heat shock protein 27 levels represent a potential therapeutic target for atherosclerosis: observations from a human cohort and treatment of female mice. *Journal of the American College of Cardiology*. 2013;62(16):1446-54.
26. Kwong JC, Vasa PP, Campitelli MA, Hawken S, Wilson K, Rosella LC, Stukel TA, Crowcroft NS, McGeer AJ, Zinman L, Deeks SL. Risk of Guillain-Barre syndrome after seasonal influenza vaccination and influenza health-care encounters: a self-controlled study. *The Lancet infectious diseases*. 2013;13(9):769-76.
27. Hibbert B, Simard T, Ramirez FD, Pourdjabbar A, Raizman JE, Maze R, Wilson KR, Hawken S, O'Brien ER. The effect of statins on circulating endothelial progenitor cells in humans: a systematic review. *Journal of cardiovascular pharmacology*. 2013;62(5):491-6.
28. Hawken S, Kwong JC, Deeks SL, Crowcroft NS, Ducharme R, Manuel DG, Wilson K. Association between birth order and emergency room visits and acute hospital admissions following pediatric vaccination: a self-controlled study. *PloS one*. 2013;8(12):e81070.
29. Ducharme R, Benchimol EI, Deeks SL, Hawken S, Fergusson DA, Wilson K. Validation of diagnostic codes for intussusception and quantification of childhood intussusception incidence in Ontario, Canada: a population-based study. *The Journal of pediatrics*. 2013;163(4):1073-9.e3.
30. Benchimol EI, Hawken S, Kwong JC, Wilson K. Safety and utilization of influenza immunization in children with inflammatory bowel disease. *Pediatrics*. 2013;131(6):e1811-20.
31. Awh CC, Lane AM, Hawken S, Zanke B, Kim IK. CFH and ARMS2 genetic polymorphisms predict response to antioxidants and zinc in patients with age-related macular degeneration. *Ophthalmology*. 2013;120(11):2317-23.
32. Wilson K, Hawken S, Kwong JC, Deeks SL, Crowcroft NS, Manuel D. Vaccine and Immunization Surveillance in Ontario (VISION) - using linked health administrative databases to monitor vaccine safety. *Vaccine*. 2012;30(43):6115-20.
33. Wilson K, Hawken S, Holdt Henningsen K, Kwong JC, Deeks SL, Crowcroft NS, Law B, Manuel DG. On-time vaccination coverage in premature infants in Ontario, 2002-2009. *Canadian journal of public health = Revue canadienne de sante publique*. 2012;103(5):e359-62.
34. Wilson K, Hawken S. Incidence of adverse events in premature children following 2-month vaccination. *Human vaccines & immunotherapeutics*. 2012;8(5):592-5.
35. van Walraven C, Wong J, Hawken S, Forster AJ. Comparing methods to calculate hospital-

specific rates of early death or urgent readmission. *CMAJ : Canadian Medical Association journal = journal de l'Association medicale canadienne*. 2012;184(15):E810-7.

36. Theodoratou E, Montazeri Z, Hawken S, Allum GC, Gong J, Tait V, Kirac I, Tazari M, Farrington SM, Demarsh A, Zgaga L, Landry D, Benson HE, Read SH, Rudan I, Tenesa A, Dunlop MG, Campbell H, Little J. Systematic meta-analyses and field synopsis of genetic association studies in colorectal cancer. *Journal of the National Cancer Institute*. 2012;104(19):1433-57.
37. Robichaud P, Hawken S, Beard L, Morra D, Tomlinson G, Wilson K, Keelan J. Vaccine-critical videos on YouTube and their impact on medical students' attitudes about seasonal influenza immunization: a pre and post study. *Vaccine*. 2012;30(25):3763-70.
38. Ramirez FD, Hibbert B, Simard T, Pourdjabbar A, Wilson KR, Hibbert R, Kazmi M, Hawken S, Ruel M, Labinaz M, O'Brien ER. Natural history and management of aortocoronary saphenous vein graft aneurysms: a systematic review of published cases. *Circulation*. 2012;126(18):2248-56.
39. Hibbert B, Simard T, Wilson KR, Hawken S, Wells GA, Ramirez FD, Le May MR, So DY, Glover CA, Froeschl M, Marquis JF, Labinaz M, Dick A, O'Brien ER. Transradial versus transfemoral artery approach for coronary angiography and percutaneous coronary intervention in the extremely obese. *JACC Cardiovascular interventions*. 2012;5(8):819-26.
40. Hawken S, Wilson KR. The self-controlled case series method for evaluating safety of vaccines. *The Medical journal of Australia*. 2012;197(10):578-9.
41. Hawken S, Manuel DG, Deeks SL, Kwong JC, Crowcroft NS, Wilson K. Underestimating the safety benefits of a new vaccine: the impact of acellular pertussis vaccine versus whole-cell pertussis vaccine on health services utilization. *American journal of epidemiology*. 2012;176(11):1035-42.
42. Chambers LW, Wilson K, Hawken S, Puxty J, Crowe L, Lam PP, Farmanova-Haynes E, McNeil SA, McCarthy AE. Impact of the Ottawa Influenza Decision Aid on healthcare personnel's influenza immunization decision: a randomized trial. *The Journal of hospital infection*. 2012;82(3):194-202.
43. Wilson K, Hawken S, Potter BK, Chakraborty P, Kwong J, Crowcroft N, Rothwell D, Manuel D. Patterns of emergency room visits, admissions and death following recommended pediatric vaccinations - a population based study of 969,519 vaccination events. *Vaccine*. 2011;29(21):3746-52.
44. Wilson K, Hawken S, Kwong JC, Deeks SL, Manuel DG, Henningsen KH, Crowcroft NS. Impact of birth weight at term on rates of emergency room visits and hospital admissions following vaccination at 2 months of age. *Vaccine*. 2011;29(46):8267-74.
45. Wilson K, Hawken S, Kwong JC, Deeks S, Crowcroft NS, Van Walraven C, Potter BK,

Chakraborty P, Keelan J, Pluscauskas M, Manuel D. Adverse events following 12 and 18 month vaccinations: a population-based, self-controlled case series analysis. *PloS one*. 2011;6(12):e27897.

46. Forster AJ, Worthington JR, Hawken S, Bourke M, Rubens F, Shojania K, van Walraven C. Using prospective clinical surveillance to identify adverse events in hospital. *BMJ quality & safety*. 2011;20(9):756-63.

47. Dennis J, Hawken S, Krewski D, Birkett N, Gheorghe M, Frei J, McKeown-Eyssen G, Little J. Bias in the case-only design applied to studies of gene-environment and gene-gene interaction: a systematic review and meta-analysis. *International journal of epidemiology*. 2011;40(5):1329-41.

48. Zanke B, Hawken S, Carter R, Chow D. A genetic approach to stratification of risk for age-related macular degeneration. *Canadian journal of ophthalmology Journal canadien d'ophtalmologie*. 2010;45(1):22-7.

49. Little J, Hawken S. On track? Using the Human Genome Epidemiology Roadmap. *Public health genomics*. 2010;13(4):256-66.

50. Hawken SJ, Greenwood CM, Hudson TJ, Kustra R, McLaughlin J, Yang Q, Zanke BW, Little J. The utility and predictive value of combinations of low penetrance genes for screening and risk prediction of colorectal cancer. *Human genetics*. 2010;128(1):89-101.

51. McQueen MJ, Hawken S, Wang X, Ounpuu S, Sniderman A, Probstfield J, Steyn K, Sanderson JE, Hasani M, Volkova E, Kazmi K, Yusuf S. Lipids, lipoproteins, and apolipoproteins as risk markers of myocardial infarction in 52 countries (the INTERHEART study): a case-control study. *Lancet*. 2008;372(9634):224-33.

52. Keltai M, Tonelli M, Mann JF, Sitkei E, Lewis BS, Hawken S, Mehta SR, Yusuf S. Renal function and outcomes in acute coronary syndrome: impact of clopidogrel. *European journal of cardiovascular prevention and rehabilitation : official journal of the European Society of Cardiology, Working Groups on Epidemiology & Prevention and Cardiac Rehabilitation and Exercise Physiology*. 2007;14(2):312-8.

53. Teo KK, Ounpuu S, Hawken S, Pandey MR, Valentin V, Hunt D, Diaz R, Rashed W, Freeman R, Jiang L, Zhang X, Yusuf S. Tobacco use and risk of myocardial infarction in 52 countries in the INTERHEART study: a case-control study. *Lancet*. 2006;368(9536):647-58.

54. Yusuf S, Hawken S, Ounpuu S, Bautista L, Franzosi MG, Commerford P, Lang CC, Rumboldt Z, Onen CL, Lisheng L, Tanomsup S, Wangai P, Jr., Razak F, Sharma AM, Anand SS. Obesity and the risk of myocardial infarction in 27,000 participants from 52 countries: a case-control study. *Lancet*. 2005;366(9497):1640-9.

55. Steyn K, Sliwa K, Hawken S, Commerford P, Onen C, Damasceno A, Ounpuu S, Yusuf S. Risk factors associated with myocardial infarction in Africa: the INTERHEART Africa study.

Circulation. 2005;112(23):3554-61.

56. Yusuf S, Hawken S, Ounpuu S, Dans T, Avezum A, Lanas F, McQueen M, Budaj A, Pais P, Varigos J, Lisheng L. Effect of potentially modifiable risk factors associated with myocardial infarction in 52 countries (the INTERHEART study): case-control study. Lancet. 2004;364(9438):937-52.

57. Rosengren A, Hawken S, Ounpuu S, Sliwa K, Zubaid M, Almahmeed WA, Blackett KN, Sitthi-amorn C, Sato H, Yusuf S. Association of psychosocial risk factors with risk of acute myocardial infarction in 11119 cases and 13648 controls from 52 countries (the INTERHEART study): case-control study. Lancet. 2004;364(9438):953-62.

Technical Reports

1. Ducharme R, Hawken S, Deeks S.L, Wilson K. Immunization in Children with Rare Genetic Disorders: Vaccine Coverage and Risk of Adverse Events Following Immunization in Children with MCADD and Hemoglobinopathies. Report Prepared for Public Health Ontario. March 2013.

2. Ducharme R, Deeks SL, Hawken S, Benchimol EI, Fergusson D and Wilson K. Rotavirus Vaccines and Intussusception: Algorithm for Case Identification and Baseline Incidence of Intussusception. Report Prepared for Public Health Ontario. September 2012.

Peer-reviewed Abstracts

1. Fell D, Hawken S, Ducharme R, Sprague A, Wilson K, Guttman A, Chong N, Walker M. The power of database linkage: a new source of longitudinal maternal-child data is BORN. BORN Ontario Conference, Ottawa, ON. Feb 2015.
2. Hawken, S, Ducharme, R, Kwong, J, Campitelli, M, Deeks, S, Crowcroft, N, McGeer, A, Coyle, D, Wilson, K. The Impact of Influenza Vaccination and Influenza illness on an individual's risk of acquiring Guillain-Barré Syndrome: An evidence-based simulation study. Canadian Immunization Conference, Ottawa, ON. Dec 2-4, 2014.
3. Hawken, S, Ducharme R, Potter E, Benchimol E, Little J, Westeinde J, Wilson K. Seasonal Variation in Rates of Emergency Room Visits and Acute Admissions Following Routine Infant Vaccinations in Ontario. Canadian Immunization Conference, Ottawa, ON. Dec 2-4, 2014.
4. Ducharme R, Fell D, Hawken S, Wilson K, Sprague A, Wen SW, Smith G, Moore C, McGeer A, Walker M. Infant respiratory outcomes associated with prenatal exposure to maternal H1N1 influenza vaccination. Canadian Immunization Conference, Ottawa, ON. Dec 2-4, 2014.
5. Hawken S. Seasonal Variation in Rates of ER visits and Admissions Following Routine Infant Vaccinations in Ontario. Ottawa Hospital Research Institute Research Day, Ottawa, ON, November 13, 2014.
6. Fell DB, Ducharme R, Hawken S, Sprague AE, Wilson K, Wen SW, Smith G, Moore C, McGeer A, Walker MC. Infant respiratory outcomes associated with prenatal exposure to maternal H1N1 influenza vaccination. Canadian National Perinatal Research Meeting, Banff, AB, February 12-15, 2014.
7. Fell DB, Ducharme R, Hawken S, Sprague AE, Wilson K, Wen SW, Smith G, Moore C, McGeer A, Walker MC. Infant respiratory outcomes associated with prenatal exposure to maternal H1N1 influenza vaccination. Canadian National Perinatal Research Meeting, Banff, AB, February 12-15, 2014.
8. Hawken, S., Ducharme R., Wilson, K. Risk of Guillain-Barré Syndrome following Influenza Illness or Vaccination: An Evidence-Based Simulation Study. Ottawa Hospital Research Institute (OHRI) Research Day, Ottawa, ON, November 14, 2013.
9. Ducharme R., Hawken, S., Ward, B., Wilson, K. Increased emergency room visits or hospital admissions in females after 12-month MMR vaccination, but no difference after vaccinations given at a younger age. Ottawa Hospital Research Institute (OHRI) Research Day, Ottawa, ON, November 14, 2013.

10. Ducharme, R., Hawken, S., Manuel, D.G., Deeks, S.L., Kwong, J.C., Natasha S. Crowcroft, N.S., 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.
11. Hawken, S., Ducharme, R., Manuel, D.G., Deeks, S.L., Kwong, J.C., Crowcroft, N.S., 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.
12. Hawken, S., Ducharme, R., Kwong, J.C., 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.
13. Hawken, S., Ducharme, R., Manuel, D.G., Deeks, S.L., Kwong, J.C., Crowcroft, N.S., 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.
14. Ducharme, R., Benchimol E., Fergusson, D., Hawken, S. and Wilson, K. Estimating the Incidence of Intussusception in Ontario Using Health Administrative Data. Ottawa Hospital Research Institute (OHRI) Research Day, Ottawa, ON, November 15, 2012.
15. Hawken S, Oake N, Rothwell D, van Walraven C, Forster A. Evaluating the Hospital Standardized Mortality Ratio. Statistics Canada/Canadian Institute for Health Information Data Users Conference. Ottawa, ON. September 20-21, 2010.
16. Hawken S, Little J. Potential clinical validity of germline genomic profiling for colorectal cancer screening and risk prediction. American Society of Human Genetics(59th annual meeting). Honolulu, HI. October 20-24, 2009
17. Wilson B, Hasanaj Q, Little J, Hawken S. Using family history in primary care for predicting risk of common, complex diseases in individual patients. American Society of Human Genetics(59th annual meeting). Honolulu, HI. October 20-24, 2009.
18. Hawken S, Little J. Potential Utility of Germline Genetic Profiling in Colorectal Cancer Screening: A Simulation Study. American Society of Human Genetics(58th annual meeting). Philadelphia, PA. November 11-15, 2008.
19. Little J, Hawken S. Evaluation of germline genomic profiling for colorectal cancer screening and risk prediction in data from the Assessment of Risk from for Colorectal Tumours in Canada (ARCTIC) study. American Society of Human Genetics(58th annual meeting). Philadelphia, PA. November 11-15, 2008.

20. Hawken S, Little J. Evaluation of Germline Genomic Profiling in population-based cancer screening. Genomics of Common Diseases (2nd annual meeting). The Broad Institute of MIT and Harvard. September 6-9, 2008.
21. Chapman A, Pelletier C, Hawken S. Data and Information Quality at the Canadian Institute for Health Information. MIT International Conference on Information Quality. November 10-12, 2006, Boston, Massachusetts.
22. Richards R, Chapman A, Hawken S. Re-abstraction Study of Discharges from Ontario Case Costing Hospitals. MIT International Conference on Information Quality. November 10-12, 2006, Boston, Massachusetts.
23. Hawken S, Ounpuu S, Pogue J, Yusuf S. Approaches to analysis of a matched case-control study with missing exposure and covariate data, and incomplete matching: Insights from the Interheart Study. 25th Annual Meeting of the Society for Clinical Trials, May 23-26 2004, New Orleans, Louisiana. *Clinical Trials* 1:1(Suppl): 240.
24. Keltai M, Tonelli M, Mann JF, Lewis B, Hawken S, Mehta S, Lakkis N, Yusuf S. Renal Function Predicts Outcomes in Acute Coronary Syndromes: Insights From the CURE Trial. Congress of the American College of Cardiology, March 7-10 2004, New Orleans, Louisiana. *Journal of the American College of Cardiology* 43:5 (Suppl 1): A278.
25. Yusuf S, Flather M, Cronin L, Zhu J, Pais P, Liu L, Hawken S, Hunt D, Avezum A, Parkhomenko A, Budaj A, and Keltai M. Variations in clinical practice patterns and 6-month outcomes in 12,580 patients with non-ST Elevation Acute Coronary Syndromes (ACS) from 13 countries and 5 continents. 14th World Congress of Cardiology, Sydney, May 5-9, 2002. *Journal of the American College of Cardiology* 39(9 Suppl B): 442B.
26. Anand S, Cina C, Harrison L, Djuric Paulin A, Doobay B, Evans G, Tittley J, Montague P, Hawken S, Yusuf S. Improving the medical management of peripheral arterial disease patients--a high-risk and under-treated group. 54th Annual Meeting of the Canadian Cardiovascular Society, October 21-24, 2001, Halifax, Nova Scotia. *Canadian Journal of Cardiology*, 17, Suppl. C, 206C.
27. Ounpuu S, Hawken S, Yusuf S, for the INTER-HEART Investigators. INTER-HEART: an international standardized case-control study of risk factors for acute myocardial infarction in 52 countries. CDC Prevention Conference on Heart Disease and Stroke, August 22-24, 2001, Atlanta, Georgia. *Preventive Medicine*, 33(2 part 2): S30.
28. Cronin L, Zhu J, Pais P, Hawken S, Parkhomenko A, Hunt D, Budaj A, Liu L, Yusuf S. (2001). Variations in practice patterns and clinical outcomes in 12,512 patients with non-ST elevation acute coronary syndromes (ACS) recruited in 13 countries and 5 continents. 74th Scientific Sessions of the American Heart Association, November 12-14, 2001, Anaheim, California. *Circulation*, 104:17, Suppl. II, II-626.