

**1. Most significant contributions**

- Work on Hypertension: prevalence, awareness, treatment and control of hypertension in Canada; Salt and hypertension; Nutrition and hypertension.
- Research on environmental sensitivities.
- Modelling of health issues.

**2- Activities and contributions****Grants:**

- Principal Investigator: Epidemiological Study of Congenital Heart Disease in Northern and Central Alberta. July 1988, \$32,000 a year grant-in-aid (2-year project). The Heart and Stroke Foundation of Alberta.
- Principal Investigator: Alberta Heart Health Survey, April of 1989, \$29,500 (formulation funding), followed by a grant of \$129,500 in October 1989 to conduct the survey, with matching funds from Alberta Health. National Health Research and Development Program, Health & Welfare, Canada.
- Principal Investigator: Alberta Heart Health Demonstration Project. Received from NHRDP in April 1992 and 1993 approval for a five-year project (\$950,000) from NHRDP with \$1,000,000 matching funds from Alberta Health. Received in 1993 an additional \$60,000 to coordinate the scientific publications of the Canadian Heart Health Database and the Blood Pressure Monograph.
- Co-Investigator: Study of the AIK-C and Connaught Measles Vaccine in 6 month infants (NIH US\$, 301,700), 1992.
- Co-Investigator, Canadian Collaborative Study on Stroke Hospitalizations, (NHRDP \$127,0000), 1992
- Co-Investigator: Study of the relationship between prematurity and maternal infections (Children Health Foundation, \$30,000), 1993.
- Co-Investigator: The Canadian Collaborative Study of Stroke Hospitalizations: National Health Research and Development Program (NHRDP). 1993-95: \$127,200.00
- Principal Investigator Alberta Nutrition Survey, 1994, NHRDP: \$130,000 Health Protection Branch, \$124,000, with in kind support from Alberta Health.
- Co-Investigator: Nova Scotia Heart Health Program (NSHHP), Dissemination Phase: National Health Research and Development Programme (NHRDP), Health Canada . \$650,000.00. 1996 - 2001.
- Co-Investigator: Health and Aging: Follow-up of the Atlantic Heart Health Surveys. Funded by the Medical Research Council. (\$330,000, year 1. Additional funding has been obtained totaling close to \$1,000,000 from different sources), 1997-
- Principal Investigator: Indoor Air Quality in Canadian Schools. Development and implementation of indoor air quality guidelines in Canadian schools. Collaborative project with the Atlantic Health Promotion Centre and the UBC Institute of Health Promotion Research. Funded by the Population Health Fund. (\$300,000, 3 years), 1999-2002. Extended to March 31, 2003.
- Co-Investigator: Developing an effective continuing medical education model for Nova Scotia Surgeons. Funded by Dalhousie University Division of Medical Education, \$15,000, 2001.

- Principal Investigator: Development of a Canadian Model Based on the ATSDR Public Health Assessment Model. Contribution Agreement, Health Canada #9999-03-2003/6010001. \$110,000. 2003.
- Principal Investigator: Development of a strategy to address Chronic Disease Prevention in Nova Scotia. Nova Scotia Health Department. 2002-2004 \$340,721.
- Co-Investigator, Nova Scotia Kidney Survey, Kidney Foundation 2003-4. \$31,500..
- Co-Investigator. Integrated Cancer Research Training Initiative in Nova Scotia. CIHR, NCIC, Cancer Care Nova Scotia, 2003-2008. \$1,800,000.
- Principal Investigator. Literature review of best or promising practices for the Chronic Disease Prevention Strategy. Cancer Care Nova Scotia, 2003. \$20,000.
- Co-Investigator: The Canadian Longitudinal Study of Aging: Developmental Activities - Phase I. Canadian Institutes of Health Research (CIHR) 2004-2008. \$1,744,000.
- Co-Investigator. Understanding the Individual and Socio-Environmental Health Risks of Obesity: The Canadian Heart Health Surveys Follow-up Study. New Emerging Team (NET) CIHR 2004-2009. \$1,500,000.
- Principal Investigator. "Building international capacity for public health approaches to chronic disease in the WHO Region of the Americas" October 2006 Seed Grant: Knowledge Exchange in Population and Public Health competition \$20,000 and \$20,000 matching funds from PHAC.
- Principal Investigator. Improving Cancer Services through Research. BC Cancer Agency and Fraser Valley Center. \$40,000. 2007-2009.

#### **Contracts:**

- Principal investigator: A set of recommendations regarding management issues related to use of scented product use in schools. Health Canada, contract #: H4045-1SB164, 10,000. 2002
- Principal investigator: Tools for Schools Action Kit Module for Scented Products. Health Canada, contract # H4045-1SB153, 10,000. 2002

#### **Teaching:**

- Population Health Unit (med I and II students) 1995-2001. Unit Head, 1997-1998.
- Clinical Epidemiology and Biostatistics. Unit Head, 1998.
- Courses: Research Methods, 1998, 2006. Epidemiology Principles, 2000-2001, 2004, 2006, Advanced Epidemiology, 2001. Complementary and Alternative Medicine, 2007
- Brain and Behaviour Unit, 2000, Metabolism and Function, 2003, Gastro-entero, Genito-urinary, musculo-skeletal Unit(GGM), 2004.
- Masters Students: 23
- PhD students: supervisor 3, external 3
- Was the Graduate coordinator for the Department of Community Health and Epidemiology from December 2001 to June 2002.
- Director, Graduate Programs, SFU, 2006-

#### **Membership:**

- American Association for the Advancement of Science
- World Heart Federation.
- International Heart Health Association (Vice President)

- Canadian Medical Association

**National and International Committees:**

- Community Health Information Monograph (until the end of 1988).
- Advisory Panel to NHRDP on Heart Health (1989-1990).
- Scientific Review Committee, Heart & Stroke Foundation of Canada (1991-1992).
- National Health Research and Development Program, committee 62, evaluation of community based interventions (1993)
- Committee of the Principal Investigators on Heart Health (COPI): The Canadian Heart Health Initiative (Chair 1992-1994).
- Consultative Committee on Chronic Disease, Laboratory Centre for Disease Control, Bureau of Chronic Disease Epidemiology, 1989-1992.
- Advisory Committee on Epidemiology, Health and Welfare Canada 1988-1993.
- Scientific Committee: International Conference on Stroke Prevention and Epidemiology, Saskatoon, Saskatchewan, Canada, October 14-16 1993.
- Co-chair, Committee on Evaluation Research on Tobacco for the National Health Research and Development Program, Health Canada, 1996.
- The 4th International Conference on Preventive Cardiology, Montreal, June 29-July 3, 1997, Member of the Scientific Committee.
- Member, National committee on Chronic Fatigue Syndrome, Fibromyalgia and Environmental Sensitivities. Health Canada 1999-2000
- Vice-Chair, International Heart Health Society, 2001-present
- Plenary Planning Committee member. 17<sup>th</sup> Annual International Interdisciplinary Conference on Hypertension and Related Risk Factors in Ethnic Populations June 8-12, 2002, Miami, Florida.
- NCIC site visit committee member. Center for Behavioral Research and Evaluation, 1998 and 2002.
- Coordinating Committee for the National Diabetes Strategy (CCNDS). Member of the working group on research, 2002.
- Healthy Indoor Partnership. Board of Directors. 2002-2003
- Health and End-User Advisory Committee (VOCs) committee, Health Canada and NRC. Member.
- Canadian College of Research Chairs College of Reviewers, 2004-
- Comité d'évaluation des réseaux thématiques du Fond de Recherche en Santé du Québec, 2005.
- CIHR Team Grant C committee member, 2005-
- Cardiovascular Disease Committee (Canadian Public Health Agency)
- Social Determinants of Hypertension Special Competition, Heart and Stroke Foundation of Ontario, Peer Reviewer, 2006
- Health Canada, Contaminated Sites Division. Equilibrium Pb Report Peer Review Committee. 2006-2007. Committee member in charge of the review of the evidence on lead and hypertension.
- Advisory group for the CCHS supplement for hypertension. I was part of the advisory group that met and worked on a series of new questions for the hypertension questions of the Canadian Community Health Survey, which will obtain actual BP measurements.

**Provincial Committees:**

- Alberta Medical Association Reproductive Care Committee (Alberta) 1988-1993.
- Steering committee on Heart Health, and its subcommittee on education, Edmonton Board of Health, 1988-1991.
- Working group on the consistency of health messages to the public, Alberta, Chair, 1990-93.
- Alberta Heart Health Survey. Chair of the project team, 1988-1991.
- Alberta Heart Health Project Coordinating Committee. Chair.
- Health Technology Assessment. Member of the Internal Committee, Alberta Health.
- Provincial Advisory Committee on Cardiovascular Services. Data Sub-Committee.
- Alberta Nutrition Survey, Chair.
- The Nova Scotia Chronic Disease Prevention Strategy. Leadership group. Chair.

**University Committees:**

- Research Advisory Committee, Nova Scotia Environmental Health Center, Nova Scotia. Chair.
- Senate Committee on the Environment (1998-2000). Member.
- Departmental review committee, Health and Human Performance, Faculty of Health Professions, Dalhousie University. 1999
- The Elizabeth May Chair on Women and the Environment. Search committee, 2000. Member.
- Cancer Research Training Program. Curriculum Committee. Member 2003-2005
- Senate, committee member, Simon Fraser University-2005-2007 -2008-
- Senate Committee on University Priorities, Simon Fraser University 2005-2007
- Senate Graduate Studies Committee, Simon Fraser University
- Assessment Committee for New Graduate Programs, SFU
- Faculty Structure Task Force, Phase I, 2005-2006. Simon Fraser University
- Appeals Committee, SFU
- Tenure and Promotions Committee, FHS, SFU 2005-2007
- Graduate Studies Program Committee, Faculty of Health Sciences, SFU (chair)

**Reviewer:**

- Funding agencies: Have been a regular reviewer for NHRDP, MRC, NCIC, SSHRC, Heart and Stroke Foundation of Canada, CIHR . FRSQ, Cooperative Grants Program, U.S. Civilian Research & Development Foundation.
- Scientific journals: American Journal of Hypertension, American Journal of Public Health; Preventive Medicine; Environmental Health Perspective. Bulletin of the World Health Organization. Social and Preventive Medicine; American Journal of Managed Care; Biomed Central (BMC); Journal of Women's Health; Canadian Medical Association Journal; Canadian Journal of Public Health; Canadian Journal of Cardiology; Ethnicity and Disease; Prevention and Control. Preventive Medicine in Managed Care; Chronic Diseases in Canada, Journal of Environmental Engineering; Clinical Therapeutics; Applied Physiology, Nutrition, and Metabolism. Journal of the American Board of Family Medicine (JABFM)

**Editorial Boards:** Editorial board member of *Ethnicity and Disease* (1998-)

**Publications (last 5 years)**

- Wolf-Maier K, Cooper RS, Banegas JR, Giampaoli S, Hense HW, Joffres M, Kastarinen M, Poulter N, Primatesta P, Rodriguez-Artalejo F, Stegmayr B, Thamm M, Tuomilehto J, Vanuzzo D, Vescio F. Hypertension prevalence and blood pressure levels in 6 European countries, Canada, and the United States. *JAMA*. 2003;289:2363-9.
- Wolf-Maier K, Cooper RS, Kramer H, Banegas JR, Giampaoli S, Joffres MR, Poulter N, Primatesta P, Stegmayr B, Thamm M. Hypertension Treatment and Control in Five European Countries, Canada, and the United States. *Hypertension*. 2004;43:1-8
- Joffres MR, Kamath TV, Williams GR, Casey J, Svenson LW. Impact of guidelines on health care use for the management of dyslipidemia in two Canadian provinces, Alberta and Nova Scotia, from 1990 to 2001. *Can J Cardiol*. 2004;20:767-72.
- Wenman WM, Joffres MR, Tataryn IV. A prospective cohort study of pregnancy risk factors and birth outcomes in Aboriginal women. *CMAJ*. 2004;171(6):585-9.
- Cooper RS, Wolf-Maier K, Luke A, Adeyemo A, Banegas JR, Forrester T, Giampaoli S, Joffres M, Kastarinen M, Primatesta P, Stegmayr S, Thamm M. An International Comparative Study of Blood Pressure in Populations of European vs. African Descent. *BMC Medicine* 2005, 3:2 .
- Wenman WM, Joffres MR, Tataryn IV. The ethics of research involving Canada's Aboriginal populations. *CMAJ*. 2005 Apr 12;172(8):978-979.
- Campbell NR, Joffres MR, McKay DW; Heart and Stroke Foundation of Canada; Canadian Coalition for High Blood Pressure Prevention and Control; Heart and Stroke Foundation of Canada. Hypertension surveillance in Canada: minimum standards for assessing blood pressure in surveys. *Can J Public Health*. 2005 May-Jun;96(3):217-20.
- Dodani S, MacLean DD, LaPorte RE, Joffres M. Distribution and determinants of coronary artery disease in an urban Pakistani setting. *Ethn Dis*. 2005 Summer;15(3):429-35.
- Joffres MR, Sampalli T, Fox RA. Physiologic and symptomatic responses to low-level substances in individuals with and without chemical sensitivities: a randomized controlled blinded pilot booth study. *Environ Health Perspect*. 2005 Sep;113(9):1178-83.
- Fox RA, Joffres MR, Sampalli T, Casey J. The impact of a multidisciplinary, holistic approach to management of patients diagnosed with multiple chemical sensitivity on health care utilization costs: an observational study. *J Altern Complement Med*. 2007 Mar;13(2):223-9.
- Joffres MR, Campbell NR, Manns B, Tu K. Estimate of the benefits of a population-based reduction in dietary sodium additives on hypertension and its related health care costs in Canada. *Can J Cardiol*. 2007 May 1;23(6):437-43.
- Mills EJ, Schabas WA, Volmink J, Walker R, Ford N, Katabira E, Anema A, Joffres M, Cahn P, Montaner J. Should active recruitment of health workers from sub-Saharan Africa be viewed as a crime? *Lancet*. 2008 Feb 23;371(9613):685-8.
- Abbass AA, Joffres MR, and Ogrondniczuk J. A Naturalistic Study of Intensive Short-term Dynamic Psychotherapy Trial Therapy. *Brief Treatment and Crisis Intervention Advance Access* published on February 29, 2008. doi:10.1093/brief-treatment/mhn001.
- Cohen ER, O'Neill JM, Joffres M, Upshur RE, Mills E. Reporting of informed consent, standard of care and post-trial obligations in global randomized intervention trials: a

systematic survey of registered trials. *Dev World Bioeth.* 2008 Apr 28. [Epub ahead of print] PMID: 18445072 [PubMed - as supplied by publisher]

**Accepted for Publication:**

- Attanayake V, McKay R, Joffres M, Singh S, Mills E. Prevalence of serious mental disorders among children exposed to war: a systematic review of 7,898 children. *Archives of Pediatric and Adolescent Medicine.*
- Does the ratification of human rights treaties impact population health?, Ali Palmer, Jocelyn Thomkinson, Charlene Phung, Michel Joffres, Leilei Zeng, Peter Olupot-Olupot, Sonal Singh, and Edward J Mills. *Lancet.*