

CURRICULUM VITAE

NANCY A. ROSS, Ph.D.

Current Position/Address:

Associate Vice-Principal, Research (60% appointment)
Professor, Department of Geography
Principal Investigator, Geo-Social Determinants of Health Research Group
Associate Member, Department of Epidemiology and Biostatistics
Associate Member, Institute for Health and Social Policy
Associate Member, School of Environment
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EDUCATION

Postdoctoral Training

Population Health Program of the Canadian Institute of Advanced Research, General Motors
Postdoctoral Fellow (1998-2001)

Harvard University School of Public Health: Summer Program in Design, Measurement and
Evaluation for Health Outcomes Research (2001)

University of Michigan: Summer Program in Quantitative Methods (1999)

PhD - 1992-1997 Department of Geography, McMaster University

MA - 1990-1992 Department of Geography, Queen's University

BA (hons) - 1986-1990 Department of Geography, Queen's University

AWARDS AND DISTINCTIONS

- Canada Research Chair (Tier 1) in the Geo-Social Determinants of Health (2015-2022)
- Trottier Fellow in Science and Public Policy (2015-17)
- FRSQ Chercheurs-Boursiers, Santé et Société, Junior 2 (2009-12)
- Canadian Institutes of Health Research (CIHR) New Investigator Salary Award (2002-07)
- Fonds de Recherche en Santé Québec (FRSQ) Professeur Stratégique Career Award (2002-05)
- Core Member, Canadian Institute of Advanced Research (CIAR) New Investigator Network (2003-07)
- Queen's University Gold Medal in Geography (1990)
- Canadian Association of Geographers Prize (1990)

OTHER PROFESSIONAL EXPERIENCE (Statistics Canada)

Senior Social Science Researcher, Health Analysis and Measurement Group (1998-2001)

Economist/Sociologist/Statistician Recruit, Health Statistics Division (1997-98)

REFEREED PUBLICATIONS

Summary of publication record from *Scopus*[®] as of September 25, 2019:

- 111 peer-reviewed publications
- 3713 citations
- H-index = 32

Google Scholar metrics available at: <https://scholar.google.ca/citations?user=t3z4MaYAAAAJ>

My work is interdisciplinary. Authorship conventions differ in the medical and social sciences. In general, student trainees are first authors even in cases where the work was very closely supervised and directed. For the medical journals, when I am corresponding author and the paper originated in our research group, I am indicated last and this represents senior authorship (e.g., *Sampson et al., 2014; *Hajna et al., 2013). I am often listed as second author in the social science papers when a student is first author and these cases indicate senior authorship as well (e.g., *Wasfi et al., 2013; *deBono et al., 2012).

(* denotes student/postdoctoral trainee supervised or co-supervised)

Accepted for publication

*Stevenson A, *Brazeau A-S, Dasgupta K, Ross NA Neighbourhood retail food outlet access, diet and body mass index in Canada: A systematic review. *Health Promotion and Chronic Disease Prevention in Canada*.

Published

Grisé E, *Wasfi R, Ross NA, El-Geneidy A (2019) Evaluating methods for measuring daily walking to public transport: Balancing accuracy and data availability. *Journal of Transport and Health* 15, Article number 100638.

Colley RC, Christidis T, Michaud I, Tjepkema M, Ross NA (2019) An examination of the associations between walkable neighbourhoods and obesity and self-rated health in Canadians. *Health Reports* 30(9):14-24. doi: 10.25318/82-003-x201900900002-eng.

Colley RC, Christidis T, Michaud I, Tjepkema M, Ross NA (2019) The association between walkable neighbourhoods and physical activity across the lifespan. *Health Reports* 30(9):3-13. doi: 10.25318/82-003-x201900900001-eng.

*Steinmetz-Wood M, *Velauthapillai K, *O'Brien G, Ross NA (2019) Assessing the micro-scale environment using Google Street View: the Virtual Systematic Tool for Evaluating Pedestrian Streetscapes (Virtual-STEPS). *BMC Public Health* 19(1):1246. doi: 10.1186/s12889-019-7460-3.

*Steinmetz-Wood M, Pluye P, Ross NA (2019) The planning and reporting of mixed methods studies on the built environment and health. *Preventive Medicine* 126:105752. doi: 10.1016/j.ypmed.2019.105752. Epub 2019 Jun 19.

Herrmann T, *Gleckner W, *Wasfi R, Thierry B, Kestens Y, and Ross NA (2019) A pan-Canadian measure of active living environments using open data. *Health Reports* 30: 16-25.

*O'Brien G, Strachan IB, Ross NA (2019) The heat penalty of walkable neighbourhoods. *Journal of Biometeorology* 63: 429-433. [Canadian Urban Environment Research Consortium (CANUE) paper of the week for Jan 28, 2019]

Austin S, Ford JD, Berrang-Ford L, Biesbroek R, Ross NA (2018) Enabling local public health adaptation to climate change. *Social Science and Medicine* 220: 236-244.

*Zavaleta C, Berrang-Ford L, Ford J, Llanos-Cuentas A, Cárcamo, C, Ross NA, Lancha G, Sherman M, Harper SL & IHACC Research Team. Multiple non-climatic drivers of food insecurity reinforce climate change maladaptation trajectories among Peruvian Indigenous Shawi in the Amazon. *PlosOne* 13(10), 1 October 2018 Article number e0205714. DOI: 10.1371/journal.pone.0205714.

*Hajna S, Dasgupta K, Ross NA. Laboratory-assessed markers of cardiometabolic health and associations with GIS-Based Measures of active-living environments. *International Journal of Environmental Research and Public Health* 15, 2079. <https://doi.org/10.3390/ijerph15102079>.

*Fallah-Shorshani M, Hatzopoulou M, Ross NA, Patterson Z, Weichenthal, S. Evaluating the impact of neighbourhood characteristics on differences between residential and mobility-based exposures to outdoor air pollution. *Environmental Science and Technology* 52:(18) 10777-10786.

Austin S, Ford JD, Berrang-Ford L, Biesbroek R, Tosun J, Ross NA (2018) Intergovernmental relations for public health adaptation to climate change in the federalist states of Canada and Germany. *Global Environmental Change* 52: 226-237.

*Mah SM, Harper S, *Sanmartin C, Ross NA (2018) Childbirth-related hospital burden by socioeconomic status in a universal health care setting. *International Journal for Population Data Science* 3(1). DOI <https://doi.org/10.23889/ijpds.v3i1.418>

Veillette M-P, Deboosere, R, *Wasfi R, Ross NA, El-Geneidy A (2018) Small steps, big differences: assessing the validity of using home and work locations to estimate walking distances to transit. *Transportation Research Board* (June 1, 2018).

*Hajna S, Ross NA, Dasgupta K (2018) Steps, moderate-vigorous physical activity, and cardiometabolic profiles. *Preventive Medicine* 107:69-74.

Webb J, Mergler D, Coomes O, Ross NA (2018) Levels of 1-hydroxypyrene in urine of people living in an oil producing region of the Andean Amazon (Ecuador and Peru). *International Archives of Occupational and Environmental Health* 91:105-115.

*Hajna S, Ross NA, Griffin SJ, Dasgupta K (2017) Lexical neutrality in environmental health research: Reflections on the term walkability. *BMC Public Health* 17 (1): Article number 940.

*Herrmann T, Boisjoly G, Ross NA, El-Geneidy AM (2017) The missing middle: Filling the gap between walkability and observed walking behavior. *Transportation Research Record* 2661: 103-110

MacVicar S, Berrang-Ford L, Harper S.... Ross NA and the IHACC Research Team (2017) How seasonality and weather affect perinatal health: comparing the experiences of Indigenous and non-Indigenous in Kanungu District, Uganda. *Social Science and Medicine* 187:39-48.

*Sanmartin C, Decady Y, Trudeau R, Dasylva A, Tjepkema M, *Fines P, Burnett R, Ross NA, Manuel DG (2016) Linking the Canadian Community Health Survey and the Canadian Mortality Database: an enhanced data source for the study of mortality. *Health Reports* 27 (12): 10-18.

*Hajna S, Kestens Y.... Dasgupta K, Ross NA (2016) Neighbourhood walkability and home neighbourhood-based physical activity: An observational study of adults with type 2 diabetes. *BMC Public Health* 16, Issue 1, Article number 957. DOI: 10.1186/s12889-016-3603-Y.

*Wasfi R, Dasgupta K, Orpana H, Ross NA (2016) Neighborhood walkability and body mass index trajectories: Longitudinal study of Canadians. *American Journal of Public Health* 106: 934-40. DOI: 10.2105/AJPH.2016.303096.

*Hajna S, Ross NA, Joseph L, Harper S, Dasgupta K (2016) Neighbourhood walkability and daily step counts in adults with type 2 diabetes. *PLoS One* 11, Issue 3, Article number e0151544 DOI:10.1371/journal.pone.0151544.

Langois M, *Wasfi R, Ross NA, El-Geneidy AM (2016) Can transit oriented developments help achieve the recommended weekly levels of physical activity? *Journal of Transport and Health* 3:181-190. DOI: 10.1016/j.jth.2016.02.006.

Shekarrizfard M, Faghih-Imani A, *Crouse D, Goldberg MS, Ross NA, Eluru N, Hatzopoulou M (2016) Individual exposure to traffic related air pollution across land-use clusters. *Transportation Research D: Transportation and the Environment* 46:339-350. DOI: 10.1016/j.trd.2016.04.010.

Webb J, Coomes OT, Mergler D, Ross NA (2016) Mercury concentrations in urine of Amerindian populations near oil fields in the Peruvian and Ecuadorian amazon. *Environmental Research* 151: 344-350.

Donnelly B, Berrang Ford L, Ross NA, Michel P (2016) Plasmodium falciparum malaria parasitaemia among indigenous Batwa and non-indigenous communities of Kanungu district, Uganda. *Malaria Journal* 15:, Issue 1, Article number 129. DOI: 10.1186/s12936-016-1299-1

*Hajna S, Ross NA, Joseph L, Harper S, Dasgupta K (2015) Neighbourhood walkability, daily steps and utilitarian walking in Canadian adults. *BMJ Open* November 26, 2015. DOI:10.1136/bmjopen-2015-008964).

Shekarrizfard M, Valois MF, Goldberg MS, *Crouse D, Ross NA, Parent ME, Yasmin S, Hatzopoulou (2015) Investigating the role of transportation models in epidemiologic studies of traffic-related air pollution and health effects. *Environmental Research* 140:282-91.

*Hajna S, Ross NA, *Brazeau A-S, Bélisle P, Joseph L, Dasgupta K (2015) Associations between neighbourhood walkability and daily steps in adults: a systematic review and meta-analysis. *BMC Public Health* 15: DOI:10.1186/s12889-015-2082-x.

Donnelly B, Berrang-Ford L, Ross NA, Michel P (2015) A systematic, realist review of zooprophylaxis for malaria control. *Malaria Journal* 14:313 DOI: 10.1186/s12936-015-0822-0

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Dasgupta K, Ross NA, Meltzer S, DaCosta D, Nakhla M, Habel Y, Rahme E (2015) Gestational diabetes in mothers as a diabetes predictor in fathers: a retrospective cohort analysis. *Diabetes Care* 38: e130-e131. DOI: 10.2337/dc15-0855.

Omariba W, Ross NA, *Sanmartin C, Tu JT (2014) Neighbourhood immigrant concentration and hospitalization: a multilevel analysis of cardiovascular-related admissions in Ontario using linked data. *Canadian Journal of Public Health* 105:e404-410.

*Sampson L, Dasgupta K, Ross NA (2014) The association between socio-demographic marginalization and plasma glucose levels at diagnosis of gestational diabetes. *Diabetic Medicine* 31: 1563-1567.

Feeny D, Garner R, Bernier J, Ross NA, Blanchard C (2014) Physical activity matters: Associations among body mass index, physical activity, and health-related quality of life trajectories over 10 years. *Journal of Physical Activity and Health* 11:1265-1275.

*Hajna S, Dasgupta K, Joseph L, Ross NA (2014) A call for caution and transparency in the calculation of land use mix: Measurement bias in the estimation of associations between land use mix and physical activity. *Health and Place* 29: 79-83.

Kaplan MS, Huguet N, Feeny D, McFarland BH, Caetano R, Bernier J, Giesbrecht N, Oliver L, Ramage-Moran P, Ross NA (2014) The association between alcohol use and long-term care placement among older Canadians: A 14-year population-based study. *Addictive Behaviors* 39: 219-224.

Petrasek MacDonald J, Ford JD, Cunsolo Willox A, Ross NA (2013) A review of protective factors and causal mechanisms that enhance the mental health of Indigenous Circumpolar youth. *International Journal of Circumpolar Health* 72:1-18.

*Wasfi R, Ross NA, El-Geneidy A (2013) Achieving recommended daily physical activity levels through commuting by public transit: unpacking individual and contextual influences. *Health and Place* 23:18-25.

Coomes OT, Moore T, Paterson J, Breau S, Ross NA, Roulet N (2013) Academic performance indicators for Departments of Geography in the United States and Canada. *Professional Geographer* 65:433-450.

Parent M-E, Goldberg MS, *Crouse DL, Ross NA, Chen H, Valois M-F, Liautuad A (2013) Traffic-related air pollution and prostate cancer risk: a case-control study in Montreal, Canada. *Occupational and Environmental Medicine* 70: 511-518.

*Hajna S, Dasgupta K, *Halparin M, Ross NA (2013) Neighbourhood walkability: field validation of geographic information system measures. *American Journal of Preventive Medicine* 44:51-55.

Hatzopoulou M, Weichenthal S, Barreau G, Goldberg M, Farrell W, *Crouse D, Ross NA (2013) A web-based planning tool to reduce cyclists' exposures to traffic pollution: a case study in Montreal, Canada. *Environmental Research* 123:58-61.

Ross NA, Oliver LN, Villeneuve PJ (2013) The contribution of neighbourhood material and social deprivation to survival: A 22-Year Follow-Up of More than 500,000 Canadians. *International Journal of Environmental Research and Public Health* 10:1378-1391.

Straus J, Mirando-Moreno L, *Crouse DL, Goldberg MS, Ross NA, Hatzopoulou M (2012) Investigating the link between cyclist volumes and air pollution along bicycle facilities in a dense urban core. *Transportation Research Part D: Transportation and the Environment* 17:619-625.

Kaplan MS, Huguet N, McFarland BH, Caetano R, Bernier J, Giesbrecht N, Oliver L, Ross NA (2012) Alcohol use patterns and trajectories of health-related quality of life in middle-aged and older adults: A 14-year population-based study. *Journal of Studies on Alcohol and Drugs* 73:581-590.

*deBono N, Ross NA, Berrang-Ford L (2012) Does the food stamp program cause obesity? A realist review and call for place-based research. *Health and Place* 18:747-756.

Eckhardt R, Berrang-Ford L, Buckeridge D, Ross NA (2012) Individual and neighbourhood level determinants of malaria incidence in Ontario, Canada. *Emerging Infectious Diseases* 775-782.

Ross NA, Garner RE, Bernier J, Feeny DH, Kaplan MS, McFarland B, Orpana HM, Oderkirk J. (2012) Trajectories of health-related quality of life by socio-economic status in a nationally representative Canadian cohort. *Journal of Epidemiology and Community Health* 66:593-598.

Auger N, Hamel D, Martinez J, Ross NA (2012) Mitigating effect of immigration on the relation between income inequality and mortality: A prospective study of 2 million Canadians. *Journal of Epidemiology and Community Health* 66:online article e.5.

Garner RE, Blanchard C, Feeny DH, Thompson A, Bernier J, McFarland BH, Huguette N, Ross NA (2012) Bodyweight, gender, and quality of life: a population-based longitudinal study. *Quality of Life Research* 21:813-825.

Lega I, Zhong L, Ross NA, Dasgupta K (2011) Gestational diabetes history may signal deprivation in women with type 2 diabetes. *Journal of Women's Health* 20:625-629.

*Wilson DH, Ross NA (2011) Place, gender and the appeal of video lottery terminal gambling: Unpacking a focus group study of Montreal youth. *Geojournal* 73:126-138.

Brouillette RT, Horwood L, Constantin E, Brown K, Ross NA (2011) Childhood sleep apnea and neighborhood disadvantage. *Journal of Pediatrics* 158:789-93.

Stafford M, Newbold BK, Ross NA (2011) Psychological distress among immigrants and visible minorities in Canada: a contextual analysis. *International Journal of Social Psychiatry* 57:428-441.

Ross NA, Gilmour H, Dasgupta K (2010) 14-year diabetes incidence: the role of socio-economic status. *Health Reports* 21:19-28.

*Crouse DL, Goldberg MS, Ross NA, Chen H, Labrèche F (2010) Postmenopausal breast cancer is associated with exposure to traffic-related air pollution in Montreal, Canada: A case-control study. *Environmental Health Perspectives* 118: 1578–1583.

Chen H, Goldberg MS, *Crouse DL, Burnett RT, Jerrett M, Villeneuve PJ, Wheeler AJ, Ross NA (2010) Back-extrapolation of estimates of exposure from current land-use regression models. *Atmospheric Environment* 44: 4346-4354.

Stafford M, Brunner EJ, Head J, Ross NA (2010) Deprivation and the development of obesity a multilevel, longitudinal study in England. *American Journal of Preventive Medicine* 39:130-9.

Dasgupta K, *Khan S, Ross NA (2010) Type 2 diabetes in Canada: concentration of risk among most disadvantaged men but inverse social gradient across groups in women. *Diabetic Medicine* 27:522-31.

Orpana HM, Berthelot JM, Kaplan MS, Feeny DH, McFarland B, Ross NA (2010) BMI and mortality: results from a national longitudinal study of Canadian adults. *Obesity* 18:214-8.

*Crouse DL, Ross NA, Goldberg MS (2009) Double burden of deprivation and high concentrations of ambient air pollution at the neighbourhood scale in Montreal, Canada. *Social Science and Medicine* 69:971-81.

*Crouse DL, Ross NA, Goldberg MS (2009) A prediction-based approach to modeling temporal and spatial variability of traffic-related air pollution in Montreal, Canada. *Atmospheric Environment* 43:5075-084.

McGrail KM, van Doorslaer E, Ross NA, *Sanmartin C (2009) Income-related health inequalities in Canada and the United States: a decomposition analysis. *American Journal of Public Health* 99:1856-63.

Orpana HM, Ross NA, Feeny D, McFarland B, Bernier J, Kaplan M. (2009) The natural history of health-related quality of life: 10-year cohort study. *Health Reports* 20:29-35.

*Richmond CAM, Ross NA (2009) The determinants of First Nation and Inuit health: A critical population health approach. *Health and Place* 15:403-411.

*Richmond CAM, Ross NA (2008) Social support, material circumstance and health behaviour: Influences on health in First Nation and Inuit communities of Canada. *Social Science and Medicine* 67:1423-33.

*Coen SE, Ross NA, Turner S (2008) "Without tiendas it's a dead neighbourhood": The socioeconomic importance of small trade stores in Cochabamba, Bolivia. *Cities* 25:327-339.

Kaplan M, Feeney D, Huguet N, Orpana H, Ross NA (2008) Prevalence and factors associated with thriving in older adulthood: A 10-year population-based study. *The Journal of Gerontology: Medical Sciences* 63:1097-104.

*Richmond CAM, Ross NA, Egeland GM. (2007) Societal resources and thriving health: A new approach for understanding the health of Indigenous Canadians. *American Journal of Public Health*. 97:1827-33.

Dunn JR, Schaub P and Ross NA (2007) Unpacking income inequality and population health: The peculiar absence of geography. *Canadian Journal of Public Health* 98Suppl 1:S10-7.

*Haase I, Olson S, Behr MA, Wanyeki I, Thibert L, Scott A, Zwerling A, Ross NA, Brassard P, Menzies D, Schwartzman K (2007) Use of geographic and genotyping tools to characterize tuberculosis transmission in Montreal. *International Journal of Tuberculosis and Lung Disease* 11:632-638.

Ross NA, Tremblay S, *Khan S, *Crouse D, Tremblay M and Berthelot J-M (2007) Body mass index in urban Canada: Neighbourhood and metropolitan area effects. *American Journal of Public Health* 97:500-508.

Dasgupta K, Chan K, DaCosta D, Pilote L, DeCivita M, Ross NA, Strachan I, Sigal R, Joseph L (2006) Walking behaviour and glycemic control in type 2 diabetes: seasonal and gender differences-Study design and methods. *Cardiovascular Diabetology* 6:1.

*Wilson D, Gilliland J, Ross NA, Derevensky G, Gupta R (2006) Video lottery terminal access and gambling among high school students in Montreal. *Canadian Journal of Public Health* 97:202-06.

Frohlich KL, Ross NA, *Richmond CAM (2006) Health disparities in Canada today: Evidence and pathways. *Health Policy* 79:132-43.

*Coen SE and Ross NA (2006) Exploring the material basis for health: characteristics of parks in Montreal neighbourhoods with contrasting health outcomes. *Health and Place* 12:361-371.

Wanyeki I, Menzies R, Olson S, Ross NA, Behr M, Schwartzman K (2006) Dwellings, crowding and tuberculosis in Montreal. *Social Science and Medicine* 63:501-11.

Dunn JR, Veenstra G, Ross NA (2006) Psychosocial and neo-material dimensions of SES and health revisited: determinants of self-rated health in a Canadian national survey. *Social Science and Medicine* 62:1465-73.

*Sanmartin C and Ross NA (2006) Experiencing difficulties accessing first-contact health services in Canada. *Healthcare Policy* 1:103-119.

Dunn JR, Burgess W, Ross NA (2005) Income distribution, public services expenditures, and all-cause mortality in U.S. states. *Journal of Epidemiology and Community Health* 59:768-774.

Ross NA, Dorling D, Dunn JR, Hendricksson G, Glover J, Lynch J. (2005) Metropolitan scale relationship between income inequality and mortality in five countries using comparable data. *Journal of Urban Health* 82:101-110.

Gilliland JA and Ross NA (2005) Opportunities for video lottery terminal gambling in Montreal: an environmental analysis. *Canadian Journal of Public Health* 96 (1):55-59.

Ross NA, Houle C, Dunn JR, Aye M. (2004) The dimensions and dynamics of income segregation in Canadian metropolitan areas: 1991-96. *The Canadian Geographer* 48: 433-445.

Lynch J, Harper S, Davey Smith G, Ross NA, Wolfson M, Dunn J. (2004) US regional and national cause-specific mortality and trends in income inequality: descriptive findings. *Demographic Research Special Collections: Article 8:184-228.*

Ross NA, Tremblay S, *Graham K (2004) Neighbourhood influences on health in Montreal, Canada. *Social Science and Medicine* 59:1485-1494.

Lynch J, Davey Smith G, Harper S, Hillemeier M, Ross NA, Kaplan GA, Wolfson MC (2004) Is income inequality a determinant of population health? Part 1. A systematic review. *Milbank Quarterly* 82:5-99.

*Sanmartin C, Ross NA, Tremblay S, Wolfson, Dunn JR, Lynch JL (2003) Labour market income inequality and mortality in North American metropolitan areas. *Journal of Epidemiology and Community Health* 57:792-797.

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Ross NA, Nobrega K, Dunn JR (2002) Economic segregation and mortality in North American metropolitan areas. *Geojournal* 53:117-124.

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Tremblay S, Ross NA, Berthelot J-M (2002) Ontario grade 3 student achievement. *Canadian Social Trends* 65:1-12.

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Ross NA, Wolfson MC, Dunn JR, Berthelot, J-M, Kaplan G, Lynch J (2000) Relation between income inequality and mortality in Canada and in the United States: cross sectional assessment using census data and vital statistics. *British Medical Journal* 320:898-902.

Wilkins R, Houle C, Berthelot J-M, Ross NA (2000) The changing health status of Canada's children. *ISUMA: Canadian Journal of Policy Research* 1: 57-63.

Wilkins R, Houle C, Berthelot J-M, Ross NA (2000) Health status of children. *Health Reports* 11:25-34.

Wolfson MC, Kaplan G, Lynch J, Ross NA, Backlund E (2000) Relation between income inequality and mortality: empirical demonstration. *Western Journal of Medicine* 172:22-24.

Ross NA, Wolfson MC, Berthelot J-M (1999) Income inequality and mortality. *Health Reports* 11:77-82.

Ross NA and Wolfson MC (1999) Income inequality and mortality in Canada and the United States: an analysis of provinces and states. *Annals of the New York Academy of Sciences* 896: 338-340.

Wolfson MC, Kaplan G, Lynch J, Ross NA, Backlund J (1999) The relationship between income inequality and mortality is not a statistical artefact – an empirical assessment. *British Medical Journal* 319: 953-957.

Cole DC, Eyles J, Gibson BL, Ross NA (1999) Links between humans and ecosystems: implications of framing for health promotion strategies. *Health Promotion International* 14:65-72.

Ross NA and Perez C (1999) Attitudes toward smoking. *Health Reports* 10:23-33.

Ross NA and Taylor SM (1998) Geographical variation in attitudes toward smoking: findings from the COMMIT communities. *Social Science and Medicine* 46:703-717.

Taylor SM, Ross NA, Cummings KM, Glasgow RE, Goldsmith CH, Zanna MP Corle DK (1998) Community Intervention Trial for Smoking Cessation (COMMIT): Changes in community attitudes toward cigarette smoking. *Health Education Research: Theory and Practice* 13:109-122.

Taylor SM, Ross NA, Goldsmith CH, Zanna MP, Lock M (1998) Measuring attitudes toward smoking in the Community Intervention Trial for Smoking Cessation (COMMIT). *Health Education Research: Theory and Practice* 13:123-132.

Ross NA, Eyles J, Cole DC Iannantuono A (1997) The ecosystem health metaphor in science and policy. *The Canadian Geographer* 41:114-127.

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Ross NA, Rosenberg M, Pross D and Bass B (1994) Contradictions in women's health care provision: A case study of attendance for breast cancer screening. *Social Science and Medicine* 39:1015-1025.

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INVITED COMMENTARIES/LETTERS TO THE EDITOR

Ross NA, Feeny D, Kaplan M (2009) Understanding obesity. Letter to the Editor of the *Globe and Mail*, published July 29, 2009.

Ross NA (2005) Commentary: Health, happiness and higher levels of social organization. *Journal of Epidemiology and Community Health* 59:614.

Ross NA and Lynch J. (2004) Commentary: The contingencies of the income inequality-health relationship: reflections on the Canadian experience. *International Journal of Epidemiology* 33:318-319.

Ross NA (2000) Author's reply. *British Medical Journal* 321:1532.

PUBLISHED ABSTRACTS

*Mah S, Dasgupta K, Sanmartin C, Riva M, Ross NA (2018) Neighbourhood built environments as correlates of hospital burden and premature mortality in Canada. . *International Journal for Population Data Science*. DOI <https://doi.org/10.23889/ijpds.v3i2.523> Published online: Jun 12, 2018.

Fry R, *Mah S, Akbari A, Ross NA (2018) Measuring Active Living Environments: An international comparison between Canada and Wales. *International Journal for Population Data Science*. DOI <https://doi.org/10.23889/ijpds.v3i2.523> Published online: Jun 12, 2018.

Ross NA, Dasgupta K, *Sanmartin C, *Wasfi R (2017) Using linked data to explore the relationship between the walking-friendliness of places, physical activity and body mass. *International Journal for Population Data Science*.

*Mah S, Harper S, *Sanmartin C, Ross NA (2017) Using Canadian data linkage to investigate the socioeconomic patterning of hospital burden for childbirth. *International Journal for Population Data Science*.

*Hajna S, Kestens Y, Daskalopoulou DD, Joseph L, Thierry B, Sherman M, Ross NA.... (2016) Neighbourhood walkability and neighbourhood-based physical activity: An observational study of adults with type 2 diabetes. *Canadian Journal of Diabetes* 40 (5), S55.

Dasgupta K, Ross NA, *Wasfi R, *Hajna S (2015) Neighbourhood walkability and its relationship with walking: does measurement matter? *Canadian Journal of Diabetes* 39:s10-s16.

*Hajna S, Ross NA, Dasgupta K (2013) Dog ownership is associated with higher daily step counts in the fall and winter in adults living with type 2 diabetes. *Canadian Journal of Diabetes* 37, S242-S243.

N Giesbrecht, N Huguet, B McFarland, DH Feeny, A Wettlaufer, R Caetano, NA Ross, MS Kaplan (2012) Impact of Canadian provincial alcohol policies on younger and older drinkers: A 14-year population-based study. *Gerontologist* 52:71.

*Hajna S, Ross NA, Dasgupta K (2012) Individual and socio-environmental determinants of walking in adults with type 2 diabetes. *Diabetes* 61:A381-A381.

MS Kaplan, N Huguet, B McFarland, DH Feeny, L Oliver, NA Ross, R Caetano, N Giesbrecht (2011) Alcohol use in older age: does moderate drinking promote health-related quality of life? *Gerontologist* 51:146.

*Wasfi R, Ross NA, El-Geneidy AM (2011) The role of public transport in achieving recommended minutes of physical activity: a case study from Montreal, Canada. *American Journal of Epidemiology* 73:s34-s34.

Hystad P, Ross NA, Demers P, Setton E, Cervantes-Larios A, Brauer M, Poplawski K, Deschenes S, *Crouse D, Allen R, Goldberg M (2011) Associations between socioeconomic status and air pollution exposure in Canadian cities: implications for environmental justice and epidemiological research. *Epidemiology* 22: S228.

*Lega IC, Ross NA, Zong L, Dasgupta K (2010) Women with type 2 diabetes and past gestational diabetes more likely to be materially deprived than women with type 2 diabetes alone. *Endocrine Reviews* 31(3).

Brouillette RT, Horwood L, Ross NA, Constantin E (2010) Do children with obstructive sleep apnea live in impoverished neighbourhoods? *Update on Pediatric Sleep Research* 107:A2442-A2442.

Levy I, Brook J, Narayan J, Mihele C, Lu G, Goldberg M, Ross NA, *Crouse D (2010) Examining Land Use Regression modeled NO₂ as a proxy for air pollutants measured by CRUISER mobile laboratory: A study in Montreal, Quebec. *American Association for Aerosol Research*.

Ross NA, Orpana H, Bernier J, Kaplan MS, Feeny D, McFarland B (2009) Social determinants of health-related quality of life in a cohort of older Canadians. *Gerontologist* 49:250-251.

McFarland B, Kaplan M, Huguet N, Feeny D, Ross NA, Orpana H (2008) Happiness in an aging population: findings from a prospective population-based study. *Gerontologist* 48:117.

Dasgupta K, *Khan S, Ross NA (2008) Monotonic increase in type 2 diabetes risk with lower education in women, concentrated risk increase among least educated men. *Canadian Journal of Diabetes* 33:308-309.

Luo ZC, Wilkins R, Kramer MS, Hou F, Ross NA (2005) The effects of small area-level neighborhood income and large area-level income inequality on fetal growth. *American Journal of Epidemiology* 161: S119-S119.

Ross NA, Houle C, Dunn J (2002) Urban health and the dimensions and dynamics of income segregation in Canadian cities. *Journal of Urban Health* 79: S60-S62.

PEER REVIEWED BOOK CHAPTERS

Dunn JR and Ross NA (2009) 'Public goods', metropolitan inequality and population health in comparative perspective: Policy & theory. In: Babones, S. (ed) *The New Public Health of Social Inequality: Pathways and Evidence*. Bristol: Policy Press.

Shea A, Heymann J, Ross NA (2008) Trade, inequalities, and health: Making the important measurable. In Blouin C, Drager N, Heymann et al.) (eds) *Trade and Health: Seeking Common Ground*. Montreal-Kingston:McGill-Queen's University Press.

*Richmond CAM, Ross NA, Bernier J. (2007) The dimensions of Métis and Inuit health. In: White J. (et al.) (eds) *Aboriginal Policy Research: Directions and Outcomes Volume 4*. Toronto: Thompson Educational Publishing.

Frank JW, Mustard C, Dunn JR, Ross NA, DiRuggiero E. (2006) Assessing and addressing health inequalities: The Canadian experience. In: Killoran A. (ed) *Manual of International Health Inequalities*. Oxford University Press.

Ross NA, Wolfson M, Kaplan G, Dunn JR, Lynch JL. (2006) Income inequality as a determinant of health. In: Heymann J, Hertzman C, Barer M and Evans RG (eds) *Healthier Societies*, Oxford University Press.

Dunn JR, Frohlich K, Ross NA, Curtis L, *Sanmartin C. (2006) Geography matters: The role of place in explaining social inequalities in health and human development. In: Heymann J, Hertzman C, Barer M, and Evans RG (eds) *Healthier Societies*, Oxford University Press.

Ross NA, Wolfson MC, Dunn JR. (2004) Why is mortality higher in unequal societies? Interpreting income inequality and mortality in Canada and the United States. Chapter in Boyle, Curtis, Gatrell, Graham and Moore (eds) *The Geography of Health Inequalities in the Developed World*. Ashgate Publishing.

CONTRIBUTIONS TO A COLLECTIVE WORK, COMMISSIONED PAPERS AND REPORTS

Ross NA (forthcoming) Neighbourhoods and Health. Invited contribution to appear in: *International Encyclopedia of Human Geography*. Elsevier: ISBN 978-0-08-044910-4.

Ross NA (2006) Obesogenic environments. *Canadian Issues/Themes Canadiens* Winter 2006; 64-66.

Ross NA, Berthelot J-M, *Crouse D, Fines P, *Khan S, *Sanmartin C, Tremblay S. (2005) *Unpacking The Socioeconomic Health Gradient: A Canadian Intra-Metropolitan Research Program*. Ottawa: Health Canada: HPRP # 6795-15-2003/5740001.

Ross NA and Dunn JR. (2006) *Canadian Neighbourhoods, Social Exclusion and Place-Based Policy Prescriptions – An Overview*. Peer reviewed paper prepared for the Social Development Canada-sponsored expert meeting on place-based policy frameworks, Ottawa, November 2005.

Frohlich KL and Ross NA (2004). Health disparities in Canada today: evidence and pathways. Peer-reviewed report prepared for Health Canada for the June 2004 Deputy Ministers of Health meeting.

Ross NA (2004) *What Have We Learned Studying Income Inequality And Population Health?* Ottawa: Canadian Institute for Health Information.

Analytic contributor to: Co-chairs: Hon. Margaret Norrie McCain and J. Fraser Mustard's (1999) *Reversing the Real Brain Drain: Early Years Study Final Report*. Toronto: Government of Ontario, April 1999. My research on the relationship between grade 3 test scores, low birth weight and social characteristics of Ontario communities was reported on by Sean Fine in the *Globe and Mail*, August, 1999. This work was also featured in *Canadian Initiative on Social Statistics: A Prospectus* produced by the Social Sciences and Humanities Research Council of Canada and Statistics Canada, September, 1999.

Devereaux MS, Ross NA, Siroonian J Wilkins K (eds.) (1998) *National Population Health Survey Overview 1996/7*. (Statistics Canada, Catalogue 82-567-XPB) Ottawa: Minister of Industry.

Ross NA and Lockhart P (1995) *The McMaster Handbook for TA Teaching and Learning*. McMaster University, Hamilton Ontario: Instructional Development Centre. This publication was distributed to all new teaching assistants at McMaster University.

MEDIA CITATIONS

- CBC Daybreak with Ainslee MacLellan, July 16, 2019. “Montreal’s active living environment.” Radio interview with Thomas Herrmann on behalf of the Geo-social Determinants of Health Research Group. Listen to the interview on CBC’s website: <https://www.cbc.ca/listen/live-radio/1-15-daybreak-montreal/clip/15730172-what-montreals-active-living-environment-looks-like>
- Reuters Health, November 15, 2016. “Poverty, instability linked to poor control of pregnancy diabetes.” <http://www.reuters.com/article/us-health-chaos-gestational-diabetes-idUSKBN13A2HW>
- CBC TV News Montreal, July 27, 2013. “Montreal’s Walkable Neighbourhoods.”
- Huffington Post, November 21, 2011. “Mind the Gap: Chronicling Canada’s Growing Poor-Rich Divide.”
- Globe and Mail, June 9, 2011 – “Health linked with income, education: study.” “Canadians with lower income and education levels tend to experience consistently worse-than-average health throughout their adult lives, according to a new study led by a McGill University professor. Ross said the findings provide an argument for increasing efforts to improve the health of families of lower socioeconomic status by working on both "material conditions and educational opportunities for the young" in such households. Read about it: Times of India, Vancouver Sun, Globe and Mail”
- Globe and Mail, June 8, 2011 (Lead Editorial) – “How a child’s breakfast can improve health in old age.”
- Globe and Mail, July 24, 2009 “Get fat, live longer”
- La Presse, May 3, 2007 « Le Poids de la Banlieu »
- National Post, May 2, 2007 « Urban Sprawl Hitting Canadians at their Waistlines
- CBC TV and Radio, June 6-7, 2006 « Youth Gambling in Montreal »
- Le Journal de Montréal, June 25, 2003 « Deux fois plus de grossesses que la moyenne »
- Le Soleil, May 18, A1-A2 « Entre des villes comme Hamilton, Winnipeg, Saint-John à Terre-Neuve ou North Bay en Ontario, c'est à Québec qu'il faut élire domicile pour qui désire vivre en bonne santé le plus longtemps possible. »
- National Post, March 13, 2002 “City Growth”
- Victoria Times, June 15, 2002 “User Fees Wrong Way to Go Say Professors”
- Globe and Mail, July 26, 2002, A8 “Longevity of Canadians Varies Widely, Study Finds”
- La Tribune, vendredi 2 août 2002, A3, « Mieux que la moyenne canadienne »
- Le Nouvelliste (Trois-Rivières), mercredi 7 août 2002, pg. 3, « Environ 10,5 % des résidents de la région jugent leur santé passable »
- Le Soleil, dimanche 25 août 2002, pg. A12, <<Canada; Les Québécois jouissent davantage de la vie>>

RESEARCH FUNDING

Lifetime CIHR Total as Principal or Co-Principal Investigator: \$2,300,239

Lifetime CIHR Total as Principal or Co-Investigator: \$ 11,181,019

(as per CIHR Funding Database accessed February 17, 2018)

Grants Awarded 2019

Neighbourhood Active Living Environments, Physical Activity and Long-term Risk for Chronic Disease and Premature Mortality. CIHR - \$98,994. NA Ross (nominated PI) and K Dasgupta, co-principal investigators (2019-2020).

Creating healthier cities through monitoring Canadian retail food environments: Using a novel administrative database to establish valid, small-area, Canada-wide, open-access measures to monitor the retail food environment for population health intervention research and municipal food environment policy action. CIHR - \$99,628. L Minaker (nominated PI), NA Ross and M Widener, co-principal investigators (2019-2020). [Amount transferred to McGill \$22,000].

Grants Awarded 2018

The “Quantified Self” and the Quantified Place: Developing an Artificial Intelligence System from Smart Phone and Geo-Spatial Data to Lower Dietary and Physical Inactivity Disease Burden. CIHR - \$18,425 NA Ross (nominated PI) and D Precup, co-principal investigators (2018-2019).

Grants Awarded 2017

Does Neighbourhood Food Environment Amplify Canadian Social Inequalities in Diet, Health and Food Insecurity? CIHR - \$84,430. NA Ross principal investigator (2017-2018).

Surveillance of the Utilitarian Walking of Canadians Using Geographic Information Systems and Survey Data. Public Health Agency of Canada - \$561,000. NA Ross principal investigator (2017-2020).

Grants Awarded 2015

Canada Research Chair (Tier 1) in the Geo-Social Determinants of Health - \$1,400,000. NA Ross principal investigator (2015-2022).

Urban Policy Prescriptions to Increase Walking: Learning From Highly Walkable Neighbourhoods Trottier Fellowship in Science and Public Policy - \$80,000. NA Ross principal investigator (2015-2017).

Grants Awarded 2013

The Health System Burden of Aging Alone. CIHR Catalyst Grant - \$72,361. NA Ross principal investigator (2013-15).

Grants Awarded 2012

Real-Time Measurement of Physical Activity Patterns in Type 2 Diabetes and Hypertension through GPS Monitoring and Accelerometry. Heart and Stroke Foundation of Canada - \$120,000. K Dasgupta and NA Ross, co-principal investigators (2012-15).

Grants Awarded 2010

Metropolitan Income Inequality and Mortality in Canada and the United States during a Time of Rising Inequality. CIHR Operating Grant - \$107,000. NA Ross, nominated principal investigator with JR Dunn, McMaster University (2010-13).

The Urban Built Environment and Health: Implications for Diabetes Prevention CIHR Operating Grant - \$364,058. G Booth principal investigator, NA Ross co-investigator (2010-14).

Grants Awarded 2009

Exploring Hypotheses Linking Type II Diabetes and Neighbourhood Environments CIHR Catalyst Grant - \$63,000. NA Ross, nominated principal investigator, with K Dasgupta, McGill (2009-11).

Project Development Meeting: NPHS and Whitehall Comparative Research on Social Determinants. CIHR Individual Grant - \$21,343. NA Ross, nominated principal applicant, with M Stafford (University College London) (2009-10).

Grants Awarded 2006

Neighbourhood Health Effects: A Systematic Review of Research Evidence and Place-Based Policy Prescriptions. CIHR Operating Grant - \$71,250. NA Ross, Principal Investigator (2006-08).

Health Disparities: Intergenerational Dynamics and Empirical Assessment Strategies (HD:IDEAS.) CIHR Institutional Capacity Enhancement (ICE) Grant. Principal Applicants: John Lynch (McGill), Rebecca Fuhrer (McGill), Jody Heymann (McGill), Celine LeBourdais (McGill), Michael Meaney (McGill), NA Ross (McGill). Average annual operating funds: \$147,908 for five years. Total allocation from CIHR: \$739,540. (2006-11)

Walking Behaviour and Glycemic Control in Type 2 Diabetes: Seasonal and Sex Differences. CIHR Operating Grant – Kaberi Dasgupta (McGill) Principal Investigator, NA Ross Co-Applicant, with others. Average annual operating funds: \$52,080 over 3 years. Total allocation from CIHR: \$156,240. (2006-09)

Grants Awarded 2004

Traffic-related Air Pollution and Socioeconomic Gradients in the Incidence of Cancer. CIHR operating grant – Mark Goldberg (McGill) Principal Investigator, NA Ross Co-Investigator with others. Operating and equipment: \$500,000 over five years beginning April 2004. (2004-09)

Grants Awarded 2003

Unpacking the Socioeconomic Health Gradient: A Canadian Intra-Metropolitan Research Program. Health Canada RFP 12: Health Impacts of Economic Change – NA Ross Principal

Investigator, with others. Operating and equipment: \$290,000 over two years beginning November 2003. (2003-05)

Raising and Leveling the Bar: A Collaborative Research Initiative on Children's Learning, Behaviour and Health Outcomes. SSHRC Initiative on the New Economy (INE): Research Alliances – Douglas Willms (UNB) Principal Investigator with several senior and junior co-investigators including NA Ross. Operating and equipment: \$3,000,000 over four years beginning October 2003. (2003-07)

Centre for Urban Health Initiatives. CIHR Centre Grant – John Myles (U of T) Principal Investigator with others including NA Ross. Average annual operating: \$387,327 over six years beginning October 2003. Total allocation from CIHR: \$2,348,115. (2003-09)

Grants Awarded 2002

Community and Health in Quebec. FRSQ Professeur Stratégique – NA Ross Principal Investigator. Equipment: \$10,300; Operating: \$45,000 (2002-06).

Urban Opportunity Structures for Youth Gambling. Fonds de Recherche sur la Société et Culture (FQRSC) – NA Ross Principal Investigator, with Sherry Olson, Jason Gilliland, and the McGill Centre for Youth Gambling). Equipment and Operating: \$105,000 (2002-06).

Grants Awarded 2001

Multi-level Patterns and Processes of Health in Canada. CIHR Operating Grant (\$35,000) and New Investigator Award (\$300,000) – NA Ross Principal Investigator. Total allocation from CIHR: \$335,000 (2002-07).

Metropolitan Socio-economic Inequality and Population Health. Canadian Population Health Initiative (CPHI) – James Dunn (University of Toronto) and NA Ross Co-Principal Investigators. Operating and Equipment: \$600,000 (2001-07).

ACADEMIC SERVICE

Scientific Community

- CIHR Project Scheme Grant Review Committee (Spring 2019)
- CIHR Foundation Scheme Stage 1 Committee Chair (Fall 2018) (declined/entered the competition)
- CIHR Project Scheme Grant Review Committee (Fall 2016, Winter 2017)
- CIHR Final Selection Committee (FSC) Member (June 2016). This was a multidisciplinary committee (bench science, epidemiology, clinical science, population health/social science) that met in Ottawa in June 2016 to deliberate on the final selection of Project Scheme grants under CIHR's new peer-review model.
- CIHR Project Scheme Grant Review Committee Virtual Chair (Spring 2016)
- CIHR Foundation Scheme Reviewer (Fall 2015)

- CIHR Operating Grants Review Committee Member – Community, Population and Public Health – Committee A (Fall 2006-2015).
- Editorial Boards for the journals *Health Reports* and *Health and Place* (2010-)
- Scientific Editor-in-Chief of *Health Reports* – (Canada’s flagship population health and health services research journal) (Summer 2007-2010)
- North American Editor of the international journal *Health and Place* (Fall 2006-Winter 2008)
- Health Council of Canada Steering Group Member (Return on Investment Committee) (Fall 2006-Fall 2008)
- Expert consultant to the Canadian Public Health Agency for content of the (2008) Chief Public Health Officer’s report on health disparities in Canada
- CIHR Institute of Population and Public Health Summer Institute Mentor (June 2006)
- Reviewer for 2006 Canadian Public Health Association conference abstracts
- Reviewer for 2006 Canadian Population Health Initiative flagship report on Urban Health
- Reviewer for Canadian Population Health Initiative Research Program on Child Health Disparities in Saskatchewan (June 2006)
- Member of the Board of Directors, CIHR-funded Centre for Urban Health Initiatives, University of Toronto (2003-05)
- Referee for the following journals: *Journal of the American Medical Association*, *American Journal of Preventive Medicine*, *Social Science and Medicine*, *Canadian Medical Association Journal*, *Canadian Social Trends*, *European Journal of Epidemiology*, *Journal of Epidemiology and Community Health*, *World Development*, *Health Economics*, *Health Policy*, *Health and Place*, *International Journal of Epidemiology*, *World Health Organization Journal*, *PLoS One*.
- Invited member of Health Canada’s Health Policy Research Program’s (HPRP) review panel to evaluate applications for the policy priority “Women’s Health Indicators.” This panel met on May 18th, 2004 in Ottawa and reviewed seven applications.
- Invited Scientific Review Committee Member: CIHR Committee Addressing and Health in Vulnerable Populations, February 18-19, 2003.
- Funding adjudicator for: Canadian Population Health Initiative (CPHI), January 15, 2001 intake (2 proposals), March 29, 2001 intake (1 proposal), September 2001 intake (1 proposal) and February 14, 2002 (1 proposal).
- Funding adjudicator for: Nova Scotia Health Research Foundation (NSHRF), April, 2002 intake.
- Funding adjudicator for: Canadian Institutes of Health Research (CIHR), Institute of Population and Public Health, June, 2002.

McGill University Community

- Associate Vice-Principal, Research and Innovation (AVP R&I) (60% appointment). The mandate of this appointment is to support research excellence at McGill University, with a primary emphasis on social science and humanities research. The first 3-year appointment was 2016-2019. A second 4-year appointment commenced on Sept 1, 2019. Principal tasks include:

- Providing support to Office of Sponsored Research and Institutional Strategic Initiatives, including contributing to internal CRC award reviews (SSHRC, CIHR, NSERC); initiatives in multi-university partnerships
- Leading ad-hoc internal funding competitions
- Contributing toward VP R&I goal of successful results in federal research operating funding from the Tri-Council agencies
- Contributing toward VP R&I goal of successful results in the federal CERC and CFI competitions and development of NFRF applications
- Contributing to the vision and execution of northern research at McGill supported by l'Institute Nordique du Quebec
- Overseeing some of R&I's responsibilities as they relate to the development and/or updating of selected policies affecting research at McGill (e.g., ethics, conduct of research)
- Contributing to the governance of major secured research funding (e.g., CFREF)
- Developing select strategic business cases and proposals for corporate and/or institutional partnership opportunities, particularly those involving social sciences and humanities research, both in Canada and abroad
- Providing due diligence in representing the VP R&I on advisory boards for a variety of research centres and institutes at McGill University
- Leading the development of and lead pen on McGill's Strategic Research Plan (SRP) 2018-2023
- Leading the Prizes and Awards Portfolio of McGill University, which involves:
 - Working toward the continued recognition of McGill researchers in national and international prizes and awards
 - Working toward the continued recognition and leadership of McGill researchers in learned societies
 - Contributing toward the celebration of McGill researchers
 - Contributing toward a culture of recognition with continued dialogue about prizes and awards with Associate Deans, Chairs and researchers.
 - Participating in attracting and hosting major lecturers/accomplished researchers to McGill
- Contributing to outreach and communications where appropriate, some of which may be on behalf of the VP
- Membership on multiple McGill committees including:
 - APC - Academic Policy Committee
 - McGill's SSHRC Leader (2016-2018)
 - PACC – McGill Prizes and Awards Coordinating Committee (Chair)
 - Principal's Prize for Outstanding Emerging Researchers Selection Committee (Chair)
 - RAC – Research Advisory Council (member)
 - R&I Leadership Team (member)
 - Task Force on International Academies (member)
- University Tenure Committee – Faculty of Science (2016-)
- Chair, Cyclical Review, McGill Institute for the Study of Canada (Fall 2015)

- Research and Teaching Subcommittees of the Ad-Hoc Task Force for the Creation of a School of Population and Global Health at McGill (2014-15). This proposal was adopted unanimously by the Academic Planning Committee (APC) in Fall 2016
- Senate Committee on Staff Grievances and Disciplinary Procedures (2012-13)
- University Tenure Committee – Faculty of Science (2012-15)
- University Tenure Committee - Recruitment (2010-13)
- University Tenure Committee – Faculty of Management (2010)
- Chair, SSHRC to CIHR Transition Committee (2011-13)
- Advisory Committee and Admissions Committee, new MScPH, Department of Epidemiology and Biostatistics (2012-14)
- Admissions Committee, Department of Epidemiology and Biostatistics (2007, 2012)
- Search Committee, Director McGill Institute for the Study of Canada (2010)
- Canada Research Chair Search Committee, Institute for Health and Social Policy (2007, 2009, 2011)
- “Health Research Funding for Social Scientists” – Invited Participant in McGill Research Grants Office Annual Grantsmanship Meeting (June 2003, June 2005, June 2006)
- Member of the Management Committee of the Statistics Canada Research Data Centre of McGill University (2006-09)
- Advisory Committee for the Selection of a Dean of the Faculty of Arts (2005-06)
- Advisory Committee for the Selection of a Dean of the Faculty of Agricultural and Environmental Sciences (2004-05)
- Dean of Science Committee on Student Standing (2003-07); (2011-12)
- Geography Department Representative to the MA program in Social Statistics (2002-03)
- Invited Member of the Associate Dean of Arts Working Group on the Strategic Development of an Undergraduate Health Studies Program at McGill (2002-03)
- Appointed as Dean’s representative on Department of Economics search committee for a Health Economist (Winter 2003)
- McGill University Ethics Committee (2001-02)

Departmental Community

- Departmental Chair’s Advisory Committee (elected until 2020)
- Created (with Dr. Berrang-Ford) new BA Minor in Health Geography (offered for the first time in Fall 2016)
- Departmental Tenure Committee (elected 2014 - 2017)
- Chair, Search Committee for joint MSE-GEOG position in Urban Sustainability (Fall 2010; Fall 2012)
- Chair, Search Committee for position in Remote Sensing (Fall-Winter, 2007-08)
- Graduate Affairs Committee (Fall 2006-09)
- Advisory Committee for the Selection of Chair of Geography (Spring-Summer 2006)
- Search Committee for Economic Geography Position (Winter 2006)
- Departmental Retreat Coordinator and Co-Chair (Fall 2005)
- Search Committee for Economic Geography Position (Winter 2003)

- Search Committee for Development Geography Position (2001-02)
- Undergraduate Affairs Committee (2002-03)
- Urban Systems Academic Advisor (2002-03)

CONTRIBUTIONS TO GRADUATE AND UNDERGRADUATE TRAINING

as Primary Supervisor or Co-supervisor

Current Post-doctoral Fellows:

Dr. Maryam Teimouri (2018-) “Local Scale Urban Sustainability Metrics” co-supervised with Prof. Kevin Manaugh and Prof. Mylene Riva. [maternity leave 2019]

Post-doctoral Alumni:

Dr. Masoud Fallahshorshani (2017-2019) “Air Pollution, Neighbourhood Walkability and Health” co-supervised with Dr. Scott Weichenthal (McGill) and Prof. Marianne Hatzopoulou (Toronto) [funded by the CRC program].

Dr. Anne-Sophie Brazeau (2016-2017) “Food Environments and Health Outcomes” co-supervised with Dr. Kaberi Dasgupta (MUHC-RI) [funded by the CRC program]. Dr. Brazeau is Assistant Professor, School of Human Nutrition, McGill University.

Dr. Samantha Hajna (spring 2016-fall 2016) “Cardiometabolic Indicators, Physical Activity and Walkable Neighbourhoods in Canada.” [funded by the CRC program]. Dr. Hajna holds a CIHR postdoctoral fellowship at the University of Cambridge (2016-2019).

Dr. Philippe Fines (2003-05) “The Meaning of Income for Health.” [funded by Health Canada]. Dr. Fines is a Senior Research Scientist with Statistics Canada.

Dr. Claudia Sanmartin (2001-03) “Earned Income Inequality and Working Age Mortality.” [funded by Statistics Canada]. Dr. Sanmartin is an Assistant Director of Health Analysis Division, Statistics Canada.

Current PhD Students:

Kiana Javaheri (2019-) “Urban Public Space and Adolescent Mental Health and Well Being.”

Andrew Stevenson (2018-) “Novel Metrics of the Canadian Food Environment and Their Association with Cardiometabolic Health.”

Sarah Mah (2016-) “Walkability, Mortality and the Hospital Burden of Type 2 Diabetes.”

Madeleine Steinmetz-Wood (2016-) “Healthy Aging and the Urban Microscale Environment.”

Completed PhD Students:

Dr. Kelly-Ann Renwick (2012-2018) “The Influence of Low Social Support and Living Alone on the Premature Mortality and Hospital Utilization Among Canadians.” Dr. Renwick is a lecturer at Appalachia State University.

Dr. Claudia (Carol) Zavaleta (2012-2018) “Food insecurity and climate change adaptation among Peruvian Indigenous Shawi.” Dr. Zavaleta was co-supervised by Professor Lea Berrang-Ford who relocated to the University of Leeds. Dr. Zavaleta is a public health physician in Peru.

Dr. Samantha Hajna (2010-2016) “Seasonality, Neighbourhood Walkability and T2D” CIHR Doctoral Scholar (co-supervised with Dr. Kaberi Dasgupta). Dr. Hajna is currently a CIHR-funded postdoctoral fellow the University of Cambridge.

- Dr. Rania Wasfi** (2009-2015) “Public Transportation as a Social Determinant of Health” (co-supervised with Dr. Kaberi Dasgupta). Dr. Wasfi is currently an FRSQ-funded postdoctoral researcher at l’Université de Montréal.
- Dr. Daniel Crouse** (2005-09) “Social and Physical Environmental Determinants of Breast Cancer: a Case-Control Study of Montreal Women.” (Canada Graduate Scholar; Jacques May Thesis Prize for Outstanding Health Geography Thesis in North America – co-supervised with Dr. Mark Goldberg). Dr. Crouse is currently an Assistant Professor at The University of New Brunswick.
- Dr. Dana Wilson** (2003-08) “Urban Environmental Influences on Youth Gambling” (Canada Graduate Scholar). Dr. Wilson is a Health Equity Specialist with the Sudbury and District Health Unit.
- Dr. Chantelle Richmond** (2003-07) “Dimensions and Determinants of Aboriginal Health in Canada” (CIHR ACADRE Scholar; SSHRC Doctoral Scholar; John Hastings Public Health Award Winner). Dr. Richmond is an Associate Professor at Western University, a CIHR New Investigator Awardee and a Tier 2 Canada Research Chair. Dr. Richmond was elected to the Canadian Royal Society’s College of New Scholars in Fall 2015.

Current MA Students:

Clara Kaufman (2017-) “The Relationship between the Canadian Retail Food Environment and Fast Food Consumption.”

Madeleine Pawlowski (2016-) “Successful Transitions to Post-Secondary Education for Indigenous Students from Northern Quebec.” Co-supervised with Professor Mylene Riva.

Completed MA Students:

Lorna Sampson (2010-13) “Neighbourhood Deprivation and the Severity and Management of Gestational Diabetes.” Canadian Public Health Association’s Population and Public Health Award winner (Master’s level, 2012). Lorna completed medical school in Ireland and is a resident at the Hospital for Sick Children, Toronto, 2018- .

Stephanie Coen (2004-06) “Neighbourhood Collective Efficacy and Cohesion in Bolivia” (co-supervised with Dr. Sarah Turner). Stephanie completed a PhD at Queen’s University, a postdoctoral fellowship at Western University and has been appointed Assistant Professor at the University of Nottingham (summer 2018).

Saeeda Khan (2002-04) “Neighbourhood Influences on Stress and Distress in Montreal, QC” Saeeda is a Researcher with Statistics Canada.

Completed MSc (Epidemiology) Students:

Sidonie Penicaud (2015-2017) “Does Rail Transit Investment Promote Increased Utilitarian Walking in Canadians?” Sidonie is a physician in the Public Health Residency Program at McGill and is completing full time public health residency in Quebec.

Sarah Mah (2013-2016) “The health care burden of poverty during pregnancy” (co-supervised with Dr. Sam Harper). Sarah is in the doctoral program, Department of Geography, McGill University.

Current Undergraduate Students:

Camille Clement	S2019	Research assistant
Zach Ripka	2018-19	Research assistant and honours thesis
Hannah Rebentisch	S2018	Summer research assistant

Completed Undergraduate Students:

Will Gleckner	2017-19	Research assistant
Kevin Hutchins	W2018	Independent research (GEOG 396)
Kabisha Velauthapillai	S2017	Summer research assistant
Grace O'Brien	2016-17	Honours thesis (School of Environment)
Thomas Herrmann	2016-17	Summer Internship
Andrew Stevenson	2016-17	McGill MScPH Internship
Kate Morrison	2015-16	Honours thesis (School of Environment)
Kaitlin Moyer	2015-16	Honours thesis (School of Environment)
Dara Shefska	2013-14	Honours thesis
Jessica Pawley	2013-14	Honours thesis
Marzieh Ghiasi	2012-13	Honours thesis (SURA Award)
Lea Ravensbergen-Hodgins	2012-13	Honours thesis
Bianca Ponziani	2012-13	Honours thesis
Alisha Michalovic	2012-13	Independent research (GEOG 396)
S. Alex Hill	2012-13	Summer research student
Megan Galeucia	2012-13	Summer research student
Morgan Braglewicz	2011-12	Honours thesis
Wren Laing	2011-12	Honours thesis
Mirej Vasic	2011-12	Honours thesis
Nathan DeBono	2011-12	Summer student (SURA Award)
Tyler Wilson	2011-12	Summer student (SURA Award)
Sebastian Ronderos	2011-12	Independent research project
Anastasia Frank	2010-11	Honours thesis
Kelly-Marie Graham	2010-11	Honours thesis
Mitchell Lavoie	2008-09	Honours thesis
Max Halperin	2008-09	Honours thesis
Emily Kagan	2007-08	Honours thesis
Emily Bennett	2007-08	Honours thesis
Alexandre Poisson	2007-08	Independent research project
Vanessa Redditt	2006-07	Independent research project
Hillary Papineau	2006-07	Independent research project
Kristin Brewer	2006-07	Independent research project
Scott Hong	2004-05	Independent research project
Kevin Brown	2003-05	Honours thesis
Stephanie Coen	2003-05	Honours thesis
Katie Graham	2003-05	Research assistant
Sideeka Narayan	2003-04	Honours thesis

Courses Taught at McGill

My teaching at McGill is multidisciplinary and at all levels of instruction (large introductory undergraduate classes through graduate seminar). It involves three courses created at McGill and reaches students on both the downtown and Macdonald campuses. The courses taught are:

GEOG 221 – Environment and Health (~250 students) introductory course co-taught by Prof. Ian Strachan and taught on both the Downtown and Macdonald campuses).

GEOG 303 – Health Geography (~80 students) upper-level course). This course is now being taught by Prof. Mylene Riva while I hold an administrative appointment.

GEOG 503 – Advanced Topics in Health Geography (~15 students) co-taught by Prof. Mylene Riva).