

## **CURRICULUM VITAE NANCY ANNETTE ROSS**

### **Current Position/Address:**

Professor, Department of Geography  
Associate Member, Department of Epidemiology and Biostatistics  
Associate Member, Institute for Health and Social Policy  
Associate Member, School of Environment  
McGill University  
805 Sherbrooke St. W., Montreal, Quebec H3A 2K6  
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**Citizenship:** Canadian

### **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)

**Doctoral** - 1992-1997 Department of Geography, McMaster University

**Thesis title:** Attitudes Towards Smoking in the Community Intervention Trial  
for Smoking Cessation (COMMIT).

**Masters** - 1990-1992 Department of Geography, Queen's University

**Thesis title:** Women's Access to Health Care: A Case Study of The Ontario  
Breast Screening Program, Kingston, Ontario.

**Undergraduate** - 1986-1990

**BA (hons.)** - 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)

SSHRC Doctoral Research Fellow (1993-97)

Ontario Graduate Scholar (1990-92)

Queen's University Gold Medal (Top Graduating student; 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 February 3, 2016:

- 84 peer reviewed publications
- 2204 citations
- H-index = 24

(\* denotes student/postdoctoral trainee)

*Published*

\*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* 2015, 15:768 DOI:10.1186/s12889-015-2082-x.

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

\*Wasfi R, Dasgupta K, Eluru N, Ross NA (2015) Exposure to walkable neighborhoods increases utilitarian walking: Longitudinal study of Canadians. *Journal of Transport and Health*. DOI: 10.1016/j.jth.2015.08.001.

Dasgupta K, Ross NA, Meltzer S, DaCosta D, Nakhla M, Habel Y, Rahme E (online before print) Gestational diabetes in mothers as a diabetes predictor in fathers: a retrospective cohort analysis. *Diabetes Care* June 26, 2015. 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, Hugué 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, Liutuad 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, Huguet 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 C, Ross NA (2009) The determinants of First Nation and Inuit health: A critical population health approach. *Health and Place* 15:403-411.

\*Richmond C, 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.

Ross NA (2002) Community belonging and health. *Health Reports* 13:33-39.

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

Tremblay S, Ross NA, Berthelot J-M (2002) Regional socio-economic context and health. *Health Reports* 13:33-44.

Mayer F, Ross NA, Berthelot J-M, Wilkins R (2002) Disability-free life expectancy by health region. *Health Reports* 13:49-60.

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

Tremblay S, Ross NA, Berthelot, J-M (2001) Individual and community factors affecting grade three academic performance: a multi-level analysis. *Education Quarterly Review* 7: 25-36.

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.



COMMIT Research Group (1995) Community Intervention Trial for Smoking Cessation (COMMIT): I. cohort results from a four-year community intervention. *American Journal of Public Health* 85: 83-192.

COMMIT Research Group (1995) Community Intervention Trial for Smoking Cessation (COMMIT): II. Changes in adult cigarette smoking prevalence. *American Journal of Public Health* 85:193-200.

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.

Ross NA, Rosenberg M, Pross D (1994) Siting a women's health facility: A location-allocation study of breast cancer screening services in Eastern Ontario. *The Canadian Geographer* 38:150-161.

#### **INVITED COMMENTARIES/LETTERS TO THE EDITOR**

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. *International Journal of Epidemiology* 33:318-319.

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

#### **PUBLISHED ABSTRACTS**

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.

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 (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**

- 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

### Grants Awarded 2015

Canada Research Chair (Tier 1) in the Geo-Social Determinants of Health - \$1.4M. 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)

*Globalization and the Health of Canadians: A Transdisciplinary Research Network.* CIHR Institutional Capacity Enhancement (ICE) Grant. Ron Labonte (University of Ottawa) Nominated Principal Investigator, NA Ross Co-Applicant, with others). Average annual operating funds: \$161,129 over five years. Total allocation from CIHR: \$805,645. (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)

*Programme de formation transdisciplinaire en recherche en santé publique et en santé des populations : accroître la capacité de recherche et d'action dans le système de santé publique au Canada* CIHR Training Grant – Gilles Paradis Principal Investigator with several Montreal area epidemiologists and social scientists including NA Ross. Operating and equipment : \$1,785,000 over six years beginning April 2003. (2003-08)

*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).

*Tuberculosis in Montreal: Where is it?* CIHR Operating Grant – Kevin Schwartzman (McGill) Principal Investigator, NA Ross Co-Applicant, with others). Average annual operating funds: \$41,828 over 2 years. Total allocation from CIHR: \$83,656 (2002-04).

### **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 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*
- 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**

- Research and Teaching Subcommittees of the Ad-Hoc Task Force for the Creation of a School of Public Health at McGill (2014-15)
- Senate Committee on Staff Grievances and Disciplinary Procedures (2012-13)
- University Tenure Committee – Faculty of Science (2012-15)
- University Tenure Committee - Recruitment (2010- )
- 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 for 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 Tenure Committee (elected until 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*

#### *Completed Post-doctoral Fellows:*

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

**Claudia Sanmartin** (2001-03) "Earned Income Inequality and Working Age Mortality." [funded by a Statistics Canada postdoctoral stipend]. Dr. Sanmartin is Chief of Health Analysis Division, Statistics Canada.

#### *Completed PhD Students:*

**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 and a CIHR New Investigator Awardee. Dr. Richmond was elected to the Canadian Royal Society's College of New Scholars in Fall 2015.

**Dana Wilson** (2003-08) "Urban Environmental Influences on Youth Gambling" (Canada Graduate Scholar). Dr. Wilson is currently on maternity leave. She has held a sessional



position at the University of Toronto (Mississauga Campus) and has worked for the Peel Region Health Board.

**Daniel Crouse** (2005-09) “Social and Physical Environmental Determinants of Breast Cancer: a Case-Control Study of Montreal Women.” (Canada Graduate Scholar – co-supervised with Dr. Mark Goldberg). Dr. Crouse is currently an Assistant Professor at The University of New Brunswick.

**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.

**Samantha Hajna** (2010-2016) “Seasonality, Neighbourhood Walkability and T2D” CIHR Doctoral Scholar (co-supervised with Dr. Kaberi Dasgupta). Samantha will take up a postdoctoral position at The University of Cambridge in September 2016.

*Current PhD Students:*

**Kelly-Ann Renwick** (2012- ) “The Health and Hospital Burden of Aging Alone.” Kelly Renwick holds doctoral research funding from FRSQ.

*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 is currently a medical student in Ireland after a Research Coordinator position with the University of Toronto Health Network.

**Stephanie Coen** (2004-06) “Neighbourhood Collective Efficacy and Cohesion in Bolivia” (co-supervised with Dr. Sarah Turner). Stephanie is a doctoral candidate at Queen’s University.

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

*Current MSc (Epidemiology) Students:*

**Sarah Mah** (2013- ) “The health care cost burden of poverty during pregnancy.”

**Sidonie Penicaud** (2015- ) “Does rail transit investment promote increased utilitarian walking in Canadians?”

*Current Undergraduate Students:*

Kate Morrison	2015-16	Honours thesis (School of Environment)
Kaitlin Moyer	2015-16	Honours thesis (School of Environment)

*Completed Undergraduate Students:*

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 Braglewic	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
Sideeka Narayan	2003-04	Honours thesis