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SPATIAL DETERMINANTS
OF HEALTH LAB

CONTACT DETAILS

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EDUCATION

2003–09	Doctor of Philosophy (PhD) The University of Texas at Austin, Department of Sociology Spatial segregation in complex urban systems: housing and public policy in Santiago, Chile Advisors: Dr. Peter Ward, Dr. Bryan Roberts
2000–02	Master of Environmental Studies (MES) University of Waterloo, School of Planning Assessing Education Quality in Peru: the role of information in education planning
1996–99	Bachelor of Environmental Studies (BES, Honours) University of Waterloo, School of Planning

RELEVANT EXPERIENCE

2017–	Associate Professor, Graduate Advisor Department of Health Sciences Department of Geography and Environmental Studies (cross-appointment) Carleton University
2016–17	Associate Professor, Tier II Canada Research Chair Department of Sociology, Department of Economics University of New Brunswick, Fredericton Associate Director of Research New Brunswick Institute for Research, Data and Training University of New Brunswick, Fredericton
2014–16	Assistant Professor, Tier II Canada Research Chair Department of Sociology, Department of Economics University of New Brunswick, Fredericton
2008–14	Research Analyst Health Analysis Division Statistics Canada
2008	Sessional Instructor Department of Geography University of Calgary
2007–08	Researcher Population Health Intervention Research Centre

	University of Calgary
2006–07	Visiting Researcher Instituto de Estudios Urbanos + Territoriales Pontificia Universidad Católica de Chile
2003–06	Graduate Research Assistant University of Texas at Austin
2002–03	Senior GIS Programmer & Analyst GAIA Environmental Consultants, Calgary AB

AWARDS AND FELLOWSHIPS

2019–24	Early Researcher Award, Government of Ontario \$341,000, Provincially Competitive Award Title: High Resource Health Users in Rural Ontario: a mixed-method approach
2014–19	Tier II Canada Research Chair, CIHR-funded (resigned in 2017) \$500,000, Nationally Competitive Research Chair Title: Spatial and Social Inequalities of Health and Health Service Delivery Additional support from New Brunswick Health Research Foundation (NBHRF), Maritime Strategy for Patient Oriented-Research Support Unit (MSSU), UNB
2006–08	Andrew W. Mellon Fellowship in Latin American Sociology \$50,000+ (US), International award for exceptional PhD candidates
2005	Andrew W. Mellon Field Research Award (2005) \$15,000 (US), competitive award for field research in Latin America
2004–07	Social Sciences and Humanities Research Council Doctoral Fellowship \$60,000, Competitive Canadian fellowship program University of Texas Graduate Scholarship \$80,000 (US), Graduate tuition and salary award
2003	CIDA-CBIE Innovative Research Award for Canadians \$10,000, Competitive national research award
2002	CIDA Student Research Award \$10,000, Competitive national research award
2001	Ontario Graduate Scholarship \$10,000, Competitive award

KNOWLEDGE OUTPUT AND EXCHANGE

Notation: †Principal Investigator, *Student/Post-Doc under my supervision

Peer-Reviewed Publications

- LeBlanc M, Petrie S, Paskaran S, Carson DB, & **PA Peters**. (accepted) "Patient and Provider Perspectives of Rural eHealth Interventions." *Rural and Remote Health*.
- Asher K* & **PA Peters**. (2020) "Go the Whole Nine Yards? How Extent of Meat Restriction Impacts Individual Dietary Experience." *Ecology of Food and Nutrition*. <https://doi.org/10.1080/03670244.2020.1737043>
- Johnson M, Brook J, Brook R, Oiamo T, Luginaah I, **Peters PA**, & JD Spence. (2020) "Traffic-Related Air Pollution and Carotid Plaque Burden in a Canadian City with Low-Level Ambient Pollution." *Journal of the American Heart Association*. 9(e013400). <https://doi.org/10.1161/JAHA.119.013400>
- Harris MA, MacLeod J, Kim J, Pahwa M, Tjepkema M, **Peters PA**, & PA Demers. (2020). "Use of a Canadian Population-Based Surveillance Cohort to Test Relationships Between Shift Work and Breast, Ovarian, and Prostate Cancer." *Annals of Work Exposures and Health*. <https://doi.org/10.1093/annweh/wxaa017>

- Petrie S, Carson DB, & **Peters PA**. (2019) "Antifragile by design: Using Antifragility as a Guiding Principle in Future Rural eHealth Implementation and Evaluation." *Health Science Inquiry*. 10(1).
- Peters PA**. (2019) "Broadening the narrative on rural health: from disadvantage to resilience." Invited commentary in the *University of Toronto Medical Journal*. 96(2): 41-43.
- Peters PA**, Carson D, Porter R, Ensign P, & A Vuin. (2018) "My village is dying? Integrating methods from the inside-out." *Canadian Review of Sociology*. 55(3): 451-475. <http://dx.doi.org/10.1111/cars.12212>
- Burnett RT, Chen H, Szyszkowicz M, ... **Peters PA**, ... et al. (2018) "Global Mortality and Long-Term Ambient Exposure to Fine Particulate Matter: A New Relative Risk Estimator." *Proceedings of the National Academy of Sciences USA*. 115(38): 9592-9597. <https://doi.org/10.1073/pnas.1803222115>
- Slaunwhite A*, Ronis S, Miller D, & **PA Peters**. (2018) "Seasonal variations in psychiatric admissions to hospital." *Canadian Psychiatry*. 60(3): 155-164. <http://dx.doi.org/10.1037/cap0000156>
- Harris A, Kirkham T, MacLeod J, Tjepkema M, **Peters PA**, & PA Demers. (2018) "Surveillance of cancer risks for firefighters, police and armed forces among men in a Canadian census cohort." *American Journal of Industrial Medicine*. 16(10): 815-823. <http://dx.doi.org/10.1002/ajim.22891>
- Sritharan J, MacLeod J, Harris S, Cole DC, Harris A, Tjepkema M, **Peters PA**, & PA Demers. (2018). "Prostate cancer surveillance by occupation and industry: the Canadian Census Health and Environment Cohort (CanCHEC)." *Cancer Medicine*. 7(4): 1468-1478.
- Peters PA**. (2017). "Population health and population change: a spatio-temporal analysis of New Brunswick communities." *Journal of New Brunswick Studies*. 8(2): 87-109.
- Crouse DL, Pinault L, Balram A, Hystad P, **Peters PA**, Chen H, van Donkelaar A, Martin RV, Menard R, Robichaud A, & P Villeneuve. (2017) "Urban greenness is associated with reduced risks of mortality in Canada's largest cities: Results from a national cohort study." *Lancet: Planetary Health*. 1(7): e289-e297.
- Slaunwhite AK*, McEachern J, Ronis S, & **PA Peters**. (2017) "Alcohol Distribution Reforms and School Proximity to Liquor Sales Outlets in New Brunswick." *Canadian Journal of Public Health*. 108(5-6): 488-496.
- Slaunwhite AK*, Ronis S, Sun Y, & **Peters PA**. (2017) "The Emotional Health and Wellbeing of Canadians that Care for Persons with Mental Health or Addictions Problems." *Health and Social Care in the Community*. 25(3): 840-847.
- Hadkhale K, MacLeod J, Demers PA, Martinsen JI, Kjaeheim K, Lyng E, Sparen P, Tryggvadottir L, Harris A, Tjepkema M, **Peters PA**, & E Pukkala. (2017) "Occupation and risk of bladder cancer: a population level comparison of Nordic countries and Canada." *BMJ Open*. 7(8): e016538.
- Pahwa M, Harris MA, Tjepkema M, **Peters PA**, & PA Demers. (2017) "Sedentary Work and Risk of Colon and Rectal Cancer by Anatomical Sub-Site in the Canadian Census Health and Environmental Cohort (CanCHEC)." *Cancer Epidemiology*. 49(Aug.): 144-151.
- MacLeod JS, Harris MA, Tjepkema M, **Peters PA**, & PA Demers. (2017) "Cancer risks among welders and occasional welders in a national population-based cohort study: Canadian Census Health and Environmental Cohort." *Safety and Health at Work*. 8(3): 258-266.
- Kachuri L, Harris MA, Tjepkema M, **Peters PA**, & PA Demers. (2017) "Cancer risks in a population-based sample of 70,000 agricultural workers: results from the Canadian Census Health and Environmental Cohort (CanCHEC)." *BMC Cancer*. 17(1): 343.
- Oliver LN, Penney C, & **PA Peters**. (2016) "The influence of community well-being on mortality among Registered First Nations people." *Health Reports*. 27(7): 10-18.
- Stieb DM, Chen L, Hystad P, Beckerman BS, Jerrett M, Tjepkema M, Crouse D, Omariba W, **Peters PA**, van Donkelaar A, Martin RV, Burnett RT, Liu S, & RM Dugandzic. (2016). "A national study of the association between traffic-related air pollution and adverse pregnancy outcomes in Canada, 1999-2008." *Environmental Research*. 148: 513-526.
- Navaneelan T, Alam S, **Peters PA**, & O Phillips. (2016). "Deaths involving sepsis in Canada." *Health at a Glance*. Statistics Canada Catalogue No. 82-624-X. 2(1): 1-5.
- de Lima Amaral EF, Potter J, **Peters PA**, Skop E, & W. Fusco. (2016) Chain Migration and Residential Segregation in the Mesoregion of São Paulo. *Anais*. Mar 31:1-27.
- Crouse DL, Philip S, van Donkelaar A, Martin R, Jessiman B, **Peters PA**, Weichenthal S, Brook J, Hubbell B, & RT Burnett. (2016). "A New Method to Jointly Estimate the Mortality Risk of Long-Term Exposure to Ambient Fine Particulate Matter and its Components." *Scientific Reports*. 6(18916): doi: 10.1038/srep18916.
- Crouse DL, **Peters PA**, Hystad P, Brook JR, van Donkelaar A, Martin RV, Villeneuve PJ, Jerrett M, Goldberg M, Pope III CA, Brauer M, Brook RD, Robichaud A, Menard R, Labrecque A, & Burnett RT. (2015). "Associations between ambient PM_{2.5}, NO₂, and O₃: three ambient air pollutants and mortality in the Canadian Census Health and Environment Cohort (CanCHEC) over a 16 year follow-up." *Environmental Health Perspectives*. 123(11): 1180-1186.

- Crouse DL, **Peters PA**, Villeneuve PJ, Proux M-O, Shin HH, Goldberg MS, Johnson M, Wheeler AJ, Allen RW, Atari DO, Jerrett M, Brauer M, Brook JR, Cakmak S, & RT Burnett. (2015). "Within-and between-city contrasts in nitrogen dioxide and mortality in 10 Canadian cities; a subset of the Canadian Census Health and Environment Cohort (CanCHEC)." *Journal of Exposure Science and Environmental Epidemiology*. 25(5): 482-489.
- Shariff F, **Peters PA**, Arbour L, Greenwood M, Skarsgard E, & ME Brindle. (2015). "Maternal and community predictors of gastroschisis and congenital diaphragmatic hernia in Canada." *Paediatric Surgery International*. 31(11): 1055-1060.
- Byrnes J, King N, Hawe P, **Peters PA**, Pickett W, & C Davison. (2015). "Patterns of youth injury: A comparison across the northern territories and other parts of Canada." *International Journal of Circumpolar Health*. 74(27864): DOI: 10.3402/ijch.v74.27864
- Mitra D, Shaw A, Tjepkema M, & **Peters PA**. (2015). "The social determinants of lung cancer incidence in Canada: results from a 13-year prospective study." *Health Reports*. 26(6): 12-20.
- Crouse DL, **Peters PA**, Villeneuve PJ, Proux MO, Shin H, Goldberg MS, Johnson M, Wheeler A, Allen RW, Atari DO, Jerrett M, Brauer M, Brook JR, & Burnett RT. (2015). "Long-term exposure to traffic-derived NO₂ is associated with risk of cardiovascular mortality in 10 Canadian cities: a cohort study." *Journal of Exposure Science and Environmental Epidemiology*. 25(5): 482-489.
- Stieb DM, Chen L, Beckerman BS, Jerrett M, Crouse DL, Omariba DWR, **Peters PA**, van Donkelaar A, Martin RV, Burnett RT, Gilbert NL, Tjepkema M, Liu S, & RM Dugandzic. (2015). "Association of pregnancy outcomes and PM_{2.5} in a national Canadian study." *Environmental Health Perspectives*. 124(2): 243-249. doi:10.1289/ehp.1408995.
- Jones M, Harris MA, **Peters PA**, Tjepkema M, & Demers PA. (2014). "Prostate cancer and occupational exposure to whole-body vibration in a national population-based cohort study." *American Journal of Industrial Medicine*. 57(8): 896-905s.
- Shin HH, Cakmak S, Brion O, Villeneuve PJ, Turner M, Goldberg MS, Jerrett M, Chen M, Crouse DL, **Peters PA**, Pope CA III, & Burnett RT. (2014). "Indirect Adjustment Method for Multiple Missing Variables Applicable to Environmental Epidemiology." *Environmental Research*. 134(Oct.): 482-487.
- Park J & **Peters PA**. (2014) "Mortality from diabetes mellitus, 2004 to 2008: A multiple-cause-of-death analysis." *Health Reports*. 25(3): 12-18.
- Peters PA**. (2013) "Inequalities in life expectancy between residents of Inuit Nunangat and of the rest of Canada, an age- and cause- decomposition from 1989-2008." *Health Reports*. 24(12): 3-9.
- Peters PA**, Tjepkema M, Fines P, Wilkins R, Crouse DL, Chan PC, & Burnett RT. (2013) "Data Resource Profile: 1991 Canadian Census cohort." *International Journal of Epidemiology*. 42(5): 1319-1326.
- Peters PA**, Oliver LN, & Kohen D. (2013) Mortality among children and youth in high-percentage First Nations identity areas, 2000-2002 and 2005-2007." *Rural & Remote Health* 13(2424): 1-19.
- Brook RD, Cakmak S, Turner MC, Brook JR, Crouse DL, **Peters PA**, van Donkelaar A, Villeneuve PJ, Brion O, Jerrett M, Martin RV, Rajagopalan S, Goldberg MS, Pope III CA, & Burnett RT. (2013) "Long-term fine particulate matter exposure and mortality from diabetes mellitus in Canada." *Diabetes Care*. 36(10): 3313-3320.
- Sanmartin C, Finès P, Khan S, **Peters PA**, Tjepkema M, Bernier J, & Burnett R. (2013) "Modelling risk factor information for linked census data: the case of smoking status." *Health Reports*. 24(6): 9-13.
- Johnson JYM, Rowe BW, Allen RW, **Peters PA**, & Villeneuve PJ. (2013). "A case-control study of medium-term exposure to ambient nitrogen dioxide pollution and hospitalization for stroke." *BMC Public Health*. 13(1): 368.
- Prud'Homme G, Dobbin NA, Sun L, Burnett R, Martin RV, Davidson A, Cakmak S, Villeneuve PJ, Lamsal L, van Donkelaar A, **Peters PA**, & Johnson M. (2013). "Comparison of remote sensing and fixed-site monitoring approaches for examining health effects on a national study population." *Atmospheric Environment*. 80:161-171.
- Peters PA**, Oliver LN, & Carrière GM. (2012). "Geozones: an area-based method for analysis of health outcomes." *Health Reports*. 23(1): 55-64.
- Peters PA**. (2012) "Shifting transitions: health inequalities in Inuit Nunangat in perspective." *Journal of Rural and Community Development*, 7(1): 36-58.
- Oliver LN, **Peters PA**, & Kohen DE. (2012). "Mortality rates among children and youth aged 1 to 19 living in Inuit Nunangat, 1994-2008." *Health Reports*. 23(3): 17-22.
- Carrière GM, **Peters PA**, & Sanmartin C. (2012). "Description of area-based methods used to determine rates of acute-care hospitalization across terciles of the foreign-born population in Canada during 2005/2006." *Health Reports*. 23(3): 43-51.
- Crouse DL, **Peters PA**, van Donkelaar A, Goldberg MS, Villeneuve PJ, Brion O, Khan S, Atari DO, Jerrett M, Arden Pope III C, Brauer M, Brook JR, Martin RV, Stieb D, & Burnett RT. (2012). Risk of Nonaccidental and Cardiovascular Mortality

- in Relation to Long-term Exposure to Low Concentrations of Fine Particulate Matter: A Canadian National-level Cohort Study. *Environmental Health Perspectives*, 120(5): 708-714.
- Owens S, De Wals P, Egeland G, Furgal C, Mao Y, Minuk GY, **Peters PA**, Simard M, & Dewailly É. (2012). Public health in the Canadian Arctic: contributions from international polar year research. *Climatic Change*, 115(1): 259-281.
- Davison CM, Ford CS, **Peters PA**, & Hawe P. (2011) Community alcohol regulations in Canada's northern territories, 1970-2008. *Health Policy*, 102, 34-40.
- Peters PA**. (2010). Causes and contributions to differences in life expectancy for Inuit Nunangat and Canada, 1994-2003. *International Journal of Circumpolar Health*, 69, 66-77.
- Schuurman N, **Peters PA**, & Oliver LN. (2009). Are obesity and physical activity clustered? A spatial analysis linked to residential density. *Obesity*, 17, 2202-2209.
- Peters PA** & Skop EH. (2007). Socio-spatial segregation in Metropolitan Lima, Peru. *Journal of Latin American Geography*, 6, 149-171.
- Ward PM & **Peters PA**. (2007). Self-help housing and informal homesteading in peri-urban America. *Habitat International*, 31, 205-218.
- Skop EH **Peters PA**, Amaral EF, Potter JE, & Fusco W. (2006). Chain migration and residential segregation of internal migrants in the metropolitan area of São Paulo. *Urban Geography*, 27: 397-421.
- Peters PA** & Hall GB. (2004). Evaluation of education quality and neighbourhood well-being: a case study of Independencia, Peru. *International Journal of Educational Development*, 24, 85-102.
- Hall GB & **Peters PA**. (2003). Global ideas and local practicalities in education policies and planning in Lima, Peru. *Habitat International*, 27, 629-651.

Book Chapters

- Peters PA**, Taylor A, Carson D, & Koch A (2016). Modelling settlement futures: Techniques and challenges. In A Taylor, DB Carson, PC Ensign, L Husky, R Rasmussen and G Saxinger (Eds), *Settlements at the Edge: Remote human settlements in developed nations*. Gloucester, UK: Edward Elgar, 270-292.
- Peters PA**, Taylor, A, Carson D, & Brokensha H. (2016). Sources of data for settlement level analyses in sparsely populated areas. In A Taylor, DB Carson, PC Ensign, L Husky, R Rasmussen and G Saxinger (Eds), *Settlements at the Edge: Remote human settlements in developed nations*. Gloucester, UK: Edward Elgar, 153-176.
- Johnstone K, Barnes T, & **Peters PA**. (2011). Indigenous vitals: trends and measurement. In D Carson, OR Rasmussen, PC Ensign, L Husky & A Taylor (Eds.), *Demography at the edge: remote human populations in developed nations* (pp. 95-106). Farnham, England: Ashgate Publishing.
- Sabatini F, Wormald G, Sierralta C, & **Peters PA**. (2010). Segregación residencial en Santiago: tendencias 1992-2002 y efectos vinculados con su escala geográfica. In F Sabatini, R Salcedo, G Wormald & G Caceres (Eds.), *Tendencias de la segregación en las principales ciudades chilenas. Análisis censal 1982-2002* (pp. 19-41). Santiago, Chile: PUC-INE.
- Peters PA**. (2009). Much ado about nothing: the myth and ceremony of faith-related NGOs. In T Hefferan, J Adkins & L Occhipinti (Eds.), *Bridging the gaps: faith-based NGOs in the Americas* (pp. 165-180). Lanham, MD: Lexington Books.
- Peters PA** & Skop EH. (2009). Urban Governance and Intra-Urban Population Differentials in Latin America: A case study of Lima, Peru. In BR Roberts & R Wilson (Eds.), *Spatial Differentiation and Governance in the Americas* (pp. 55-71). New York, NY: Palgrave MacMillan.
- Sabatini F, Wormald G, Sierralta C, & **Peters PA**. (2009). Residential segregation in Metropolitan Santiago, 1992-2002: geographic scale and linked social effects. In BR Roberts & R Wilson (Eds.), *Urban spatial differentiation and governance in the Americas* (pp. 121-141). New York, NY: Palgrave MacMillan.

Scientific Abstracts

- Johnson M, Brook JR, Brook RD, Oiamo TH, Luginaah I, **Peters PA**, & JD Spence (2018) "Traffic-Related Air Pollution and Carotid Atherosclerotic Plaque Burden and Progression in London, Ontario, Canada" *ISEE Conference Abstracts*. 2018(1). <https://ehp.niehs.nih.gov/doi/abs/10.1289/isesisee.2018.O03.02.02>
- Ronis S, Slaunwhite AK*, **Peters PA**, & DAA Miller. (2017) "'To everything there is a season': mental health-related hospitalizations by youth and adults." *Journal of Adolescent Health*. 60(2): s23.
- Sritharan J, MacLeod J, Harris S, Cole D, Harris A, Tjepkema M, **Peters PA**, & PA Demers. (2017) "Occupation and risk of prostate cancer in a national population-based cohort study: the canadian census health and environment cohort." *Occupational and Environmental Medicine*. 74(Suppl 1): A105-A106.

- Arrandale VH, MacLeod J, Tjepkema M, **Peters PA**, & PA Demers. (2017) "Lung Cancer and Mesothelioma Among Canadian Mining, Smelting And Oil And Gas Workers: A Population Based Study." *Chronic Respiratory Disease in the Mining Industry*. A312-A312.
- Eiriksson L, Harris M, Hardt J, Tjepkema M, **Peters PA**, & PA Demers. (2013) "Occupational exposures and ovarian cancer: A national population-based cohort study." *Gynecologic Oncology*. 130(1): e142-e143.

Knowledge Translation

- Peters PA**. (2019). From Black Horses to White Steeds: Building community resilience. [Review of the book *From Black Horses to White Steeds: Building community resilience*, Edited by Laurie Brinklow and Stan Gibson]. *Canadian Geographer*. 63(3): e1-e2. DOI: 10.1111/cag.12564
- Morris S*, Steven S*, LeBlanc M*, Petrie S*, Carson DB, & **PA Peters†**. (2019) *Report: Telepaediatrics in rural and remote Australia and Canada*. Spatial Determinants of Health Lab, Carleton University: Ottawa, ON. DOI: 10.22215/sdhlab/2019.5
- Waid C*, Steven S*, Sinclair S*, Priest L*, Petrie S*, Carson DB, & **PA Peters†**. (2019) *Report: Interventions for Rural and Remote Youth Mental Health*. Spatial Determinants of Health Lab, Carleton University: Ottawa, ON. DOI: 10.22215/sdhlab/2019.4
- LeBlanc M*, Petrie S*, Paskaran S*, Carson DB, & **PA Peters†**. (2019) *Report: Patient and Provider Perspectives on Rural eHealth Interventions in Canada and Australia*. Spatial Determinants of Health Lab, Carleton University: Ottawa, ON. DOI: 10.22215/sdhlab/2019.3
- Aboukarr S*, LeBlanc M*, Petrie S*, Carson DB, Paskaran S*, & **PA Peters†**. (2019) *Report: Best Practices for Rural eMental Health Interventions* Spatial Determinants of Health Lab, Carleton University: Ottawa, ON. DOI: 10.22215/sdhlab/2019.2
- Sendanyoye C*, Steven S*, Petrie S*, Carson DB, & **PA Peters†**. (2019) *Report: Recruitment and Retention of Rural Physicians*. Spatial Determinants of Health Lab, Carleton University: Ottawa, ON. DOI: 10.22215/sdhlab/2019.1
- Petrie S*, & **PA Peters**. (2018) *Report: Implementation considerations in a Complex Adaptive System*. Spatial Determinants of Health Lab, Carleton University: Ottawa, ON. DOI: 10.22215/sdhlab/2018.9
- Balzer A, Daigle B, & **PA Peters†**. (2018). *Small-Area Population Forecasts for New Brunswick with 2016 Census Data: Simplified Model Report* (Report No. 2018-02). Fredericton, NB: New Brunswick Institute for Research, Data and Training (NB-IRDT).
- Balzer A, & **PA Peters†**. (2018). *Small-Area Population Forecasts for New Brunswick with 2016 Census Data: Cohort-Component Model Report* (Report No. 2018-03). Fredericton, NB: New Brunswick Institute for Research, Data and Training (NB-IRDT).
- Peters PA**. (2017). *Population Snapshot for New Brunswick: Population dynamics for small areas and rural communities*. (Report No. 2017-01): Fredericton, NB: New Brunswick Institute for Research, Data and Training (NB-IRDT).
- Peters PA**. (2017). *Small Area Population Forecasts for New Brunswick: Population dynamics for small areas and rural communities*. (Report No. 2017-02): Fredericton, NB: New Brunswick Institute for Research, Data and Training (NB-IRDT).
- Peters PA**. (2016). An Introduction to R for Spatial Analysis and Mapping. [Review of the book *An Introduction to R for Spatial Analysis and Mapping*, By C Brunson & L. Comber]. *Canadian Geographer*. DOI: 10.1111/cag.12307.
- Lanphear B, Bassil K, Buzzelli M, **Peters PA**, & Moffatt H. (2013). *Canadian Atlas of Environmental Health*. Available at: <http://www.ehatlas.ca>. (Wrote several sections & contributed to others.)
- Statistics Canada. (2014). *Postal Code Conversion File Plus (PCCF+) Version 6: Reference Guide*. Statistics Canada (Catalogue No. 82F0086-XDB): Ottawa, ON. (Wrote complete product documentation.)
- Wilkins R & **Peters PA**. (2012). *PCCF+ Version 5K User's Guide: Automated geocoding based on the Statistics Canada Postal Code Conversion Files*. Statistics Canada (Catalogue No. 82F0086-XDB): Ottawa, ON. (Contributed to writing product documentation.)
- Peters PA** & Tjepkema M. (2011) 1991-2011 Census mortality and cancer follow-up study. In *Social Statistics: The interplay among censuses, surveys, and administrative data. Proceedings of the 2010 International Methodology Symposium* (pp. 150-156). Statistics Canada (Catalogue No. 11-522-XCB): Ottawa, ON.
- Peters PA**. (2009). *Spatial segregation in complex urban systems: housing and public policy in Santiago, Chile*. PhD Dissertation at the University of Texas at Austin, Department of Sociology; Austin, TX.
- Sabatini F, Wormald G, Sierralta C, & **Peters PA**. (2007). *Segregación residencial en Santiago: tendencias 1992-2002 y efectos vinculados con su escala geográfica* (Rep. No. 37). Santiago, Chile: PUC-INE.

- Peters PA** & Skop EH. (2005). The geography of poverty and segregation in Metropolitan Lima, Peru. *Population Research Center Working Paper* (No. 04-05-13). Austin, TX.
- Peters PA**. (2005). Fragmentation of Urban Space in Latin America: A GIS approach to the analysis of segregation in Lima. In RG Alvarado, KA Cardenas, IL Meza & RB Arenas (Eds.), *2ndo Congreso Internacional Ciudad y Territorio Virtual* (pp. 92-96). Concepción, Chile: Ediciones Universidad Bio Bio.
- Ward PM & **Peters PA**. (2005). Integrating remote sensing / GIS methods in housing analysis. In RG Alvarado, KA Cardenas, IL Meza & RB Arenas (Eds.), *2ndo Congreso Internacional Ciudad y Territorio Virtual* (pp. 78-83). Concepción, Chile: Ediciones Universidad Bio Bio.
- Peters PA**. (2003). *Education quality and neighbourhood well-being: a case study of Independencia, Peru*. MES Thesis at the University of Waterloo, School of Planning; Waterloo, ON.
- Hall GB, **Peters PA**, & Crouse DL. (2001). The transfer of GIS technology to community planning in Peru. *Plan Canada*, 41, 15-16.
- Peters PA**. (1999). *The integration GIS and CAD for landscape visualization of planning housing development: a Montserrat case study*. BES Thesis at the University of Waterloo, School of Planning; Waterloo, ON.
- Hall GB, Gunn-Jones A, & **Peters PA**. (1999). GIS under the volcano: Land data security, land-use planning and ArcView in Montserrat. *ArcUser*, 2, 36-38.

Presentations

- Peters PA**. (2019, September) Social Dimensions of Population Change in Canada and New Brunswick. Presentation at the *Court of Queen's Bench Annual Learning Conference*. Saint Andrews, NB.
- Peters PA**. (2019, June) Potential for Partnership: Free Range International Knowledge Partnership. Presentation at *Paris Loudon University of Salzburg*. Salzburg, Austria.
- Peters PA** & L Dorder.* (2018, December) Agent-Based Models to Forecast Burden of Disease in Small Villages. Presentation at the *Free Range Australia Town Hall 2018*. Burra, South Australia.
- Garces Davila I,* Ronis S, & **PA Peters**.† (2018, June). Mental Health Care Utilization Among Youth with Mental Disorders: A Cross-Sectional Analysis of Hours and Types of Services Consulted. Poster presentation at the *PriFor 2018 Primary Healthcare Partnership Forum*, Memorial University of Newfoundland, Saint John's, NL.
- Garces Davila I,* Ronis S, & **PA Peters**. (2018, June). A Cross-Sectional Analysis of Prevalence of Mental Disorders and Access to Mental Health Care Among Youth. Poster presentation at the *PriFor 2018 Primary Healthcare Partnership Forum*, Memorial University of Newfoundland, Saint John's, NL.
- Gupta N, Crouse DL, Balram A, Leonard P, & **PA Peters**. (2018, June) Income inequalities and potentially avoidable hospitalizations for diabetes mellitus: a Canadian population-based cohort study. *52nd Annual Conference of the Canadian Economics Association*, Montreal, QC.
- Garces Davila I,* Ronis S, & **PA Peters**. (2018, May) Mental Health Care Utilization Among Youth with Mental Disorders: Hours and Types of Services Consulted. Poster Presentation at the *2018 Canadian Association for Health Services and Policy Research (CAHSPR)*, Montreal, QC.
- Garces Davila I,* Ronis S, & **PA Peters**. (2018, May) Access to Mental Health Services among Youth: An Analysis of Individual and Ecological Determinants. Oral presentation at the *2018 Canadian Association for Health Services and Policy Research (CAHSPR)*, Montreal, QC.
- Peters PA** & R Golestani.* (2017, November). Changing Geographies of Canadian Aboriginal Population Growth: Early Results from the 2016 Census. *Population Change in Darwin & Beyond: A 2017 Update*. Darwin, Australia.
- Peters PA** & R Golestani.* (2017, November). Digging in the Data. *The Future of Small Rural Communities: Knowledge Building for Rural Health*. Burra, South Australia.
- Gupta N, Crouse DL, Balram A, Leonard P, **Peters PA**, Emery H, & JT McDonald. (2017, November) Income inequalities and potentially avoidable hospitalizations for chronic diseases: a population-based study. *Annual Conference of the Canadian Research Data Centre Network*, Montreal, QC.
- Peters PA**. (2018, October) Perspectives on Rural Health and Patient Engagement. Invited presentation at the *Senate Committee on Rural Health*, Ottawa ON.
- Sritharan J, MacLeod J, Harris SA, Cole DC, Harris A, Tjepkema A, **Peters PA**, & PA Demers. (2017, August). Occupation and risk of prostate cancer in a national population-based cohort study: the Canadian Census Health and Environment Cohort. *EPICOH Scientific Committee on Epidemiology in Occupational Health*. Edinburgh, Scotland.

- Sritharan J, MacLeod J, Harris SA, Cole DC, Harris A, Tjepkema A, **Peters PA**, & PA Demers. (2017, June). Surveillance of prostate cancer risk by occupation and industry: results from the Canadian Census Health and Environment Cohort (CanCHEC). *Canadian Society for Epidemiology and Biostatistics 2017 Biennial Conference*. Banff, AB.
- Arrandale V, MacLeod J, Tjepkema M, **Peters PA**, & PA Demers. (2017, May) Lung Cancer and Mesothelioma among Canadian Mining, Smelting and Oil and Gas Workers: A Population Based Study. *2017 American Thoracic Society Conference*. Toronto, ON.
- Peters PA** (2016, August) Agent Based Demographic Models for Rural and Remote Villages. *International Rural Sociology Conference*. Toronto, ON.
- Koch A, Carson D, & **Peters PA**. (2016, August) Thriving Communities Due to E-Health Services: A Case Study of Sweden. *The 33rd International Geographical Congress*. Beijing, China.
- Peters PA**. (2016, June) Thinking Small: Re-Inventing Innis in Canadian Sociology. Keynote presentation at *Carto 2016: 50th Annual Conference of Map Libraries and Archives*. Fredericton, NB.
- Peters PA**. (2016, June) Built Environment Indicators for Public Health Surveillance: Proximity to Parks and Positive Mental Health. *Canadian Association of Geographers Annual Meeting*. Halifax, NS.
- Garces I,* Peñaherrera MA,* & **Peters PA** (2016, May) Examining neighbourhood determinants and life history in the prevalence of mental health problems and service use among adults in Canada. *Canadian Association of Geographers*. Halifax, NS.
- Peters PA** (2016, April) Industrial emissions, mortality, and social justice in urban Canada. *American Association of Geographers*. San Francisco, CA.
- Peters PA**. (2015, November) Mapping the Data Landscape: Sources of Data in Rural and Remote Communities. *Mistra Arctic Research Conference*. Umeå, Sweden.
- Peters PA**. (2015, June) Industrial emissions, environmental justice, and mortality: a national cohort study, 1991-2008. *Canadian Association of Geographers Annual Meeting*, Vancouver, BC.
- Burnett RT, Crouse D, **Peters PA**, Brook J, Martin R, von Donkelaar A, Villeneuve P, Jessiman B, Chen H, Brauer M, Jerrett M, Brook R, & CA Pope III. (2013, April) Dynamic “Environmental” Cohorts. *Health Effects Institute Annual Conference 2013*. San Francisco, CA.
- MacLennan J, **Peters PA**, Trenkle J & N Klenk. (2015, May) Socio-Economic Indicators of Vulnerability Across Scales: Living with Climate Change. *CARFMS / ACERMF 8th Annual Conference*. Toronto, ON.
- Crouse DL, **Peters PA**, Villeneuve PJ, Proux M-O, Shin HH, Goldberg MS, Johnson M, Wheeler AJ, Allen RW, Atari DO, Jerrett M, Brauer M, Brook JR, & RT Burnett. (2015, February) Within- and between-city contrasts in nitrogen dioxide and mortality in 10 Canadian cities. Presented at the *Health Canada Science Forum*. Ottawa, ON.
- Peters PA**. (2014, November). Data linkage and social relationships. *GovMaker Conference*, Fredericton, NB.
- Crouse DL, **Peters PA**, Villeneuve PJ, Proux M-O, Shin HH, Goldberg MS, Johnson M, Wheeler AJ, Allen RW, Atari DO, Jerrett M, Brauer M, Brook JR, & RT Burnett. (2014, March) Within- and between-city contrasts in nitrogen dioxide and mortality in 10 Canadian cities. Presented at the *9th Annual Air Quality: Science and Application conference*. Garmisch-Partenkirchen, Germany.
- Tjepkema M & **Peters PA**. (2013, October). The 1991 Canadian Census Cohort. Paper presented at the *Canadian Research Data Centre Network National Conference*, Waterloo, ON.
- Tjepkema M & **Peters PA**. (2013, June). The 1991 Canadian Census Cohort – mortality and follow-up study: a research opportunity. Paper presented at the *Annual Meeting of the Canadian Population Society and Canadian Sociological Association*, Victoria, BC.
- Omariba W, **Peters PA** & Tjepkema M. (2013, June). The 1991 Canadian Census Cohort - mortality & cancer follow-up to 2011: A research opportunity. Paper presented at the *Annual Meeting of the Canadian Population Society and Canadian Sociological Association*, Victoria, BC.
- Shaw A, **Peters PA** & Tjepkema M. (2013, June). Socioeconomic determinants of lung cancer incidence in Canada: Results from the Canadian census mortality and cancer follow-up study. Paper presented at the *Annual Meeting of the Canadian Population Society and Canadian Sociological Association*, Victoria, BC.
- Burnett RT, Crouse D, **Peters PA**, Brook J, Martin R, von Donkelaar A, Villeneuve P, Jessiman B, Chen H, Brauer M, Jerrett M, Brook R, & CA Pope III. (2013, April) Dynamic Environmental Cohorts. *Health Effects Institute Annual Conference 2013*. San Francisco.
- Peters PA**. (2013, January). Global health: fixing health care with data science. *T4G Leading Thinkers Big Data Congress*, Saint John, NB.

- Peters PA.** (2012, October). Plenary Session: Health administrative data. *Canadian Research Data Centre Network Annual Conference*, University of New Brunswick, Fredericton, NB.
- Lanphear B, Moffatt H, Bassil K, Buzzelli M, **Peters PA** & Tefler J. (2012, June) The Canadian Environmental Health Atlas: A Tool for Interdisciplinary Collaboration. Workshop presentation at the *Canadian Public Health Association Conference*, Edmonton, AB.
- Tjepkema M & Peters PA. (2012, June). The 1991 Canadian Census Cohort mortality & cancer follow-up to 2011: A research opportunity. *Canadian Council of Cancer Registries Annual General Meeting*, Statistics Canada, Ottawa, ON.
- Harris A, Tjepkema M, **Peters PA**, Demers P. (2012, May-June) Surveillance of fire-fighter and police cancer risks in a national population-based cohort. Paper presented at *The Canadian Association for Research on Work and Health*, Vancouver, BC.
- Peters PA.** (2011, October). Methodological approaches to studying Inuit health in northern Canada. Paper presented at the opening plenary of the *Circumpolar Health Metrics Conference*, Yellowknife, NWT.
- Peters PA** & Tjepkema M. (2011, September). Census data linkage: 1991-2006 Canadian census mortality and cancer follow-up study. Paper presented at the *Socio-economic Conference 2011*, Statistics Canada, Gatineau, QC.
- Peters PA** & Atari DO. (2011, September). Spatial methods for calculating ecological variables in environmental health research. Paper presented at the *Health Data Users Conference*, Statistics Canada & Canadian Institute for Health Information, Ottawa, ON.
- Peters PA.** (2011, July). Health inequalities of Inuit Nunangat in perspective. Opening keynote at the *Thompson Rivers University International Research Institute*, Kamloops, BC.
- Peters PA.** (2010, October). Getting the data right in remote Canada. Paper presented at the *Beyond Periphery Symposium 2010*, Darwin, Australia.
- Peters PA.** (2010, September). Demographic and economic futures for Canada's North. Paper presented at the opening plenary of the *Beyond Periphery Symposium 2010*, Whyalla, Australia.
- Peters PA.** (2010, September). Understanding remote demography in Canada. Paper presented at the *Beyond Periphery Symposium 2010*, Whyalla, Australia.
- Bassil KL, Buzzelli M, Lanphear B, **Peters PA**, & Moffatt H. (2010, September). Development of the Canadian Environmental Health Atlas. Paper presented at the 11th *IFEH World Congress on Environmental Health*, Vancouver, BC.
- Bassil KL, Buzzelli M, Lanphear B, **Peters PA**, & Moffatt H. (2010, June). The Canadian Environmental Health Atlas. Paper presented at the *Canadian Public Health Association Conference*, Toronto, ON.
- Peters PA.** (2009, November). What age groups and causes of death contribute to lower life expectancy in Inuit Nunangat, 1989-2003? Paper presented at the *NAHO Conference 2009: Our people, our health*, Ottawa, ON.
- Peters PA**, Bassil K, Buzzelli M, Lanphear B, & Atari DO. (2009, September). Linking health outcomes and environmental factors: Development of a Canadian atlas of environmental health. Paper presented at the *Health Statistics Data Users Conference*, Statistics Canada, Ottawa, ON.
- Peters PA**, Greenberg L, & Wannell B. (2009, September). Vital statistics in Inuit Nunaat and the Inuit subregions. Poster presented at the *Health Statistics Data Users Conference*, Statistics Canada, Ottawa, ON.
- Peters PA.** (2009, July). What age groups and which causes of death contribute most to lower life expectancy in the Inuit-inhabited areas of Canada? Paper presented at the *14th International Congress on Circumpolar Health*, Yellowknife, NWT.
- Peters PA.** (2009, May). Longitudinal linkage of the National Population Health Survey to ambient air quality. Paper presented at the *Socio-Economic Conference 2009*, Ottawa, ON
- Peters PA** & Sabatini F. (2007, August). Spatial segregation in complex urban systems. Paper presented at the *International Sociological Association Research Committee 21 on Sociology of Urban and Regional Development (RC21), Conference on Urban Justice and Sustainability*, Vancouver, BC.
- Peters PA.** (2007, April). Spatial segregation and complex systems. Paper presented at the *American Association of Geographers Annual Meeting*, Denver, CO.
- Ward PM & **Peters PA.** (2007, April). Self-help housing and informal homesteading in peri-urban America: Settlement identification using digital imagery and GIS. Paper presented at the *American Association of Geographers Annual Meeting*, Denver, CO.
- Peters PA.** (2006, November). La forma de lo que viene: Procesos y políticas habitacionales en Santiago, Chile. Paper presented at the *Seminario Latinoamericano 'Teoría y política sobre asentamientos informales'*, Buenos Aires, Argentina.
- Peters PA.** (2005, October). Fragmentation of urban space in Latin America: A GIS approach to the analysis of segregation. Paper presented at the *2do Congreso Internacional Ciudad y Territorio Virtual*, Concepción, Chile.

- Ward PM & **Peters PA**. (2005, October). Integrating remote sensing/GIS methods in housing analysis. Paper presented at the *2do Congreso Internacional Ciudad y Territorio Virtual*, Concepción, Chile.
- Skop EH, Amaral EF, Potter JE, & **Peters PA**. (2005, April). Spatial segregation in São Paulo, Brazil. Paper presented at the *Association of American Geographers Annual Meeting*, Denver, CO.
- Peters PA** & Skop EH. (2005, April). The geography of poverty and segregation in Lima, Peru. Paper presented at the *Population Association of America Annual Meeting*, Philadelphia, PA.
- Skop EH, Amaral EF, Potter JE, **Peters PA**, & Fusco W. (2004, September). Migração e segregação residencial no Município de São Paulo. Paper presented at the Annual Meeting of the *Associação Brasileira de Estudos Populacionais (ABEP)*, Caxambú, Brazil.
- Skop EH, Amaral EF, Potter JE, **Peters PA**, & Fusco W. (2004, April). Chain migration and residential segregation in Metropolitan São Paulo. Paper presented at the *Population Association of America Annual General Meeting*, Boston, MA.
- Hall GB & **Peters PA**. (2002, May). "Global ideals and local practicalities in governance: Evidence of the spatial digital divide in education policies and planning in Lima, Peru. Paper presented at the *GIS in Developing Countries VI Conference*, Enschede, Netherlands.
- Peters PA** & Crouse DL. (2000, November). Identifying areas of environmental degradation with socioeconomic statistics: Linkages between poverty and the environment. Paper presented at the *GIS in Developing Countries V Conference*, Los Baños, Philippines.

Media Articles & Opinion

- Peters PA** (2016). Healthy Cities: Improving quality of life through smart planning. *Spacing Magazine*. Summer, p. 10.
- Peters PA**, Paige A & O'Connell H. *Frontage restriction won't protect city's heritage*. *The Daily Gleaner* (Fredericton). 9 April 2016. p.A11.
- Peters PA**. *Midwives can provide safe, efficient level of care*. *New Brunswick Telegraph-Journal*. 20 November 2015. p.A9. (Reprinted Nov. 23 in *The Daily Gleaner*. p.A6).
- Bowden G, Crouse D, Dafnos T, Hardy N, Holtmann C, Low J, Nason-Clark N, **Peters PA**, Tramonte L, & Torri MC. *Profs Reject Colleague's Views*. *Toronto Star*. 21 September 2015. p.A26.
- Peters PA**. *Policies based on evidence needed to improve health*. *The Daily Gleaner* (Fredericton). 11 September 2015. p.A8.

Media Interviews

- Peters PA. Interview for Ottawa Citizen. Brigitte Pellarin. *Pellarin: We need better, reliable data on air pollution in Ottawa*. 22 August 2019.
- Peters PA. Interview for Huffington Post Global, Nick Robins-Early. *The White Supremacist Professor Teaching at a Public University*. 19 May 2019.
- Peters PA. Interview for CBC Radio, *As It Happens*, Kevin Robertson. *Health Canada ordered to release confidential drug company data on HPV vaccines*. 13 July 2018.
- Peters PA. Interview for Sverige radio, *World of Wisdom*, Olof Peterson. *Part 1/3: Aging Well: The new age pyramid*. 14 May 2018.
- Peters PA. Interview for Australian Broadcasting Corporation, ABC North and West, Sarah Tomlinson. *Mornings: Mid-North Knowledge Partnership*. 23 November 2017.
- Peters PA. Interviews for CBC Radio New Brunswick. *Information Morning Programs in Moncton, Saint John, & Fredericton: Release of 2016 Census Age & Sex Population Counts*. 4 May 2017.
- Peters PA. Interview for CBC Radio New Brunswick. *Information Morning Fredericton: Release of 2016 Census Population Counts*. 9 February 2017.
- Peters PA. Interview for Telegraph Journal (Saint John). *Economy needs to diversify if city wants growth: prof.* *New Brunswick Telegraph Journal* (Saint John). 9 Feb. 2017. p.B4.
- Peters PA. Interview for Times & Transcript (Moncton). *Rising tuition and debt keep young New Brunswickers living at home*. *New Brunswick Times & Transcript* (Moncton). 21 June 2016. p.A6.
- Peters PA. Interview for CBC Radio, Terry Seguin. *Information Morning, Canadians Excited for Return of the Long-Form Census*. 4 May 2016.
- Peters PA. Interview for CTV News. *Return of the Long-Form Census has Canadians Nerding Out*. 4 May 2016.
- Peters PA. Interview for CBC Television. *Canadians Excited for Return of the Long-Form Census*. 3 May 2016.

- Peters PA. Interview for Times & Transcript (Moncton). *Province's researchers welcome return of long-form census*. New Brunswick Times & Transcript (Moncton). 8 Nov. 2015. p.B3.
- Peters PA. Interview for CBC News Online. *UNB professors chastise colleague over immigration views*. 24 Sept. 2015.
- Peters PA. Television interview with Rachel Cave. *CBC Evening News - UNB professors chastise colleague over immigration views*. Canadian Broadcasting Corporation. 23 Sept. 2015.
- Peters PA. Interview for Times & Transcript (Moncton). *Professor defends comments on bias against 'white history'*. New Brunswick Times & Transcript (Moncton). 23 Sept. 2015. p.A8.
- Peters PA. Interview for Telegraph-Journal. *Professor defends comments on white history*. New Brunswick Telegraph-Journal. 23 Sept. 2015. p.A3.
- Peters PA. Television interview with Shelley Steeves. *Evening News – National Seniors Day*. Global News Corporation. 30 Sept 2014.
- Peters PA. Interview for Times Transcript. *Where you live helps decide how soon you die*. (Profile of Canada Research Chair appointment) Times & Transcript. 29 Sept. 2014.
- Peters PA. Radio interview with Lindsey Michael. *CBC Radio 1: Moncton – Midwifery in New Brunswick*. Canadian Broadcasting Corporation. 19 Aug 2014.
- Peters PA. Interview by Beatrice Fantoni. *Study finds link between long-term exposure to air pollution and higher risk of diabetes-related mortality*. *Windsor Star - Health Care*, 2013. Web. 25 Jul. 2014

GRANTS AND CONTRACTS

Awarded 2020

- Co-Investigator, SSHRC Insight Grant
Strengthening Practices: Trauma- and Violence-Informed Physical Activity
PI: Francine Darroch
\$200,000 (2020-2024)

Awarded 2019

- Principal Investigator, Ontario Early Researcher Award
Experience of High Health Resource Users in Rural Canada
\$191,000 direct funding, \$341,000 with matched funding (2019-2024)
- Principal Investigator, SSHRC Partnership Development Grant
Free Range International Knowledge Exchange
\$199,450 (2019-2022)
- Principal Investigator, Canadian Partnership Against Cancer (CPAC)
Cancer Survival and Neighbourhood Income
\$100,000 (2019-2020)
- Co-Investigator, CIHR Project Scheme
Spit for Science 2 Autism Spectrum Project: Harnessing the Power of Population-Based Samples for Gene x Environment Studies
\$1,170,450 (2019-2023)
- Co-Investigator, DNA Genotek Innovation Challenges Grant
Rapid Recruitment for Large-Scale Gene by Environment Analyses in Pediatric Mental Health
\$30,000 USD (2019-2020)
- Co-Investigator, CIHR Operating Grant
Healthy Cities, Healthy Minds, Genetic and Urban Environmental Influences on Childhood Mental Health
\$95,360 (2019-2020)
- Co-Investigator, CIHR Operating Grant
Estimating and Mapping Urban Community Differences in Health Outcomes for Adults with Chronic Disease in Canada
\$99,969 (2019-2020)

Awarded 2018

Collaborator, CIHR Project Grant

Spit for Science 2: Genetic and environmental influences on behaviour and cognition in childhood neuropsychiatric disorders
\$2,604,826 (2018-2023)

Principal Investigator, Carleton Health Research Development Grant

Patient-Partnered Analysis of High Health Systems Users in Ontario's Mid-North
\$10,000 (2018-2019)

Principal Investigator, SSHRC Insight Grant

Agent-Based Modelling of Population Dynamics in Small Villages
\$98,000 (2018-2019)

Principal Investigator, SSHRC Connection Grant

Free Range International Knowledge Exchange
\$49,635 (2018)

Principal Investigator, Charles Darwin University (Australia)

Free Range International Student Exchange, Canadian Principal Investigator
\$40,000 (AUD, 2018)

Awarded 2017**Principal Investigator, CIHR Planning & Dissemination Grant**

Forecasting the burden of chronic disease in small areas: a spatial epidemiological approach using linked micro data
\$20,000 (2017-2018)

Awarded 2016**Principal Investigator, Canadian Partnership Against Cancer (CPAC)**

Training on "Calculating the social determinants of health for use in cancer analysis"
\$18,000 (2016)

Principal Investigator, Canadian Partnership Against Cancer (CPAC)

Workshop on "Small-area spatial and spatio-temporal analysis of thyroid cancer incidence"
\$5,000 (2016)

Principal Investigator, Government of Canada (Health Canada)

Examining the Association between Industrial Emissions and Mortality
\$24,750 (2015 – 2016 fiscal year)

Principal Investigator, NBHRF Matching Funds

eHIPP Innovation Partnerships (New Brunswick portion of multi-province project)
\$156,200 (2016 – 2021)

Co-Investigator, SSHRC Insight Development Grant

Making Data Matter: Analyzing the material effects of big data use in the agri-food sector
\$64,000 (2016-2017)

Awarded 2015**Principal Investigator, Government of New Brunswick (PETL)**

Population Dynamics in Sparsely Populated Areas
\$55,000 (2015 – 2016 fiscal year)

Principal Investigator, New Brunswick Health Research Foundation (NBHRF) Bridge Grant

Small-area Rate Variation of Chronic Disease in New Brunswick.
\$25,000 (2015 – 2017)

Co-Investigator, CIHR Operating Grant: eHealth Innovation Partnership

Caring near and far: a multi-province investigation of remote monitoring technologies connecting community-based older-adults and their care team.
\$1,480,742 (2016 – 2021)

Co-Investigator, SPOR PIHCI Network: Management & Operations Grant

Creating a New Brunswick Strategic Patient Oriented Research (SPOR) Network for the Primary and Integrated Primary Health Care Innovations (PIHCI)
\$1,000,000 (2015 – 2020)

Co-Investigator, CIHR Partnerships for Health System Improvement (PHSI)
 MAAP-AC: Models and Access Atlas of Primary Care in Atlantic Canada. Strengthening Canada's Community Based
 Primary Healthcare System through Collaborative, Applied, and Policy-Relevant Research
 \$10,000 (2015 – 2016)

Principal Investigator, University Research Fund (University of New Brunswick)
 Database generation and data visualisation of social and spatial determinants of health
 \$7,000 (2014 – 2016)

Awarded 2014

Principal Investigator, Government of Canada (Public Health Agency of Canada)
 Geospatial determinants of positive mental health
 \$10,000 (2014 – 2015 fiscal year)

Principal Investigator, NBHRF Establishment Grant
 Canada Research Chair, Salary Complement
 \$30,000 (2014 – 2016)

Awarded 2013

Principal Investigator, Canadian Foundation for Innovation, Leaders Opportunity Fund
 Advanced server infrastructure for confidential record linkage and collaborative spatial analysis
 \$73,496 (2014 – 2019)

ACADEMIC SERVICE

Committees and Service

- 2019 Carleton University
 Graduate Advisor, Department of Health Sciences
 Chair, Senate Committee on Student Awards
 Member, SSHRC Exchange Program Review Committee
 Chair, Departmental Tenure and Promotion Committee (DTPC)
- Statistics Canada Research Data Centre (COOL RDC)
 Member, Carleton Steering Committee
 Member, COOL RDC Advisory Committee
- CIHR Institute for Population and Public Health (IPPH)
 Chair, Early Career Investigator Mock Peer Review (2019)
- Social Sciences and Humanities Research Council (SSHRC)
 Member, Insight Grant Review Committee (2019)
 Chair, Insight Development Grant Committee (2020)
- UNICEF Canada
 Advisory Committee, Canadian Index of Youth Wellbeing
- 2018 Canadian Institutes of Health Research (CIHR)
 Vanier/Banting Doctoral Scholarship Selection Committee (2016-2018)
- Social Sciences and Humanities Research Council (SSHRC)
 Connection Grants Review Committee Member (2017-2018)
- Northern Institute, Charles Darwin University
 Research Leader, Free Range Student Research Network
- 2017 Maritime SPOR Support Unit (MSSU – CIHR funded)
 Chair, Research Advisory Committee
- Canada Research Chairs Secretariat (CRC)
 Program Advisory Committee on Equity Policy
- Primary and Integrated Health Care Initiative (PIHCI SPOR – CIHR funded)

Operations Committee & Executive Committee

Canadian Partnership Against Cancer, Canadian Council of Cancer Registrars
 Joint Analytic Project on Small-Area Spatio-Temporal Analysis of Thyroid Cancer Incidence

University of New Brunswick

Co-Coordinator, ESRI Canada Centre of Excellence in Higher Education
 Faculty of Arts, Level II Faculty Assessment Committee
 Research Services, Strategic Research Plan Steering Committee
 Research Data Centre Management Committee
 NB-IRDT, Strategic Directions Committee

2016 University of New Brunswick, Faculty of Arts
 Member, Harrison McCain Fellowship Review Committee

Maritime SPOR Support Unit (MSSU – CIHR funded)
 Co-Chair, Scientific Advisory Committee

2014 University of New Brunswick, Faculty of Arts
 Level II Faculty Assessment Committee
 Global Citizenship Certificate Advisory Committee
 International Development Studies Steering Committee

Canadian Foundation for Innovation (CFI)
 Expert Grant Review Committee Member

2011 – 2014 Statistics Canada
 Vital Statistics Working Group

2011 – 2013 Statistics Canada
 Data Visualization Working Group

Reviewing, Conferences, and Editorial Board Activity

Health Reform Observer / Observatoire des Reformes de Sante
 Editorial Board Member

Journal Reviews (since 2014)

Aboriginal Policy Studies
 Atmospheric Environment
 Canadian Geographer
 Canadian Journal of Public Health
 Journal of New Brunswick Studies
 Journal of Population Research
 Obesity
 Rural and Remote Health
 Social Science & Medicine
 World Health & Population

Expert Reviewing (since 2014)

Beyond Policy Analysis, 5th Edition (Leslie Pal)
 Nova Scotia Health Research Foundation, Grant Review
 Alberta Innovates Health Solutions, Grant Review
 Human Resources and Skills Development Canada, Report Review

Memberships and Involvement in Professional Organizations

Sparsely Populated Areas Demographic Research (SPADE) – Academic research organization for specialists
 in demographic research in rural, remote, and sparsely populated areas
 Canadian Association of Geographers (since 2014)
 American Association of Geographers (since 2003)

TEACHING AND MENTORSHIP

Course Instruction

- 2019 HLTH 5901: Advanced Topics in Interdisciplinary Health Sciences
HLTH 4201: Applied Health Statistics
HLTH 1002: Health Science Communication
- 2018 HLTH 5901: Advanced Topics in Interdisciplinary Health Sciences
HLTH 4201: Applied Health Statistics
- 2017 ECON 6565: Economic Geography
- 2016 SOCI 3703: Social Demography
SOCI 6713: Methods in Social Demography
ECON 6285: Public Policy Analysis
- 2015 SOCI 3523: Sociology of International Development
IDST 3003: Institutions of International Development
ECON 6285: Public Policy Analysis
- 2014 SOCI 3523: Sociology of International Development
- Seminars Introduction to Geographic Information Systems in the Social Sciences (Nov 2016)
Introduction to Geographic Information Systems (September 2015)
Introduction to PCCF+, 2-day workshop (March 2014)
Spatial Analysis in the Social Sciences (April 2009)

Instructional Training

- 2019 Designing Learning Outcomes from Scratch
- 2018 Putting Your Course “on the Map”: Designing Courses that Align with Your Program’s Learning Outcomes
To Cheat, or Not to Cheat – That is Not the Question: Preventing Plagiarism through Design
- 2015 Effective Teaching Institute: Terms of Engagement: Practical Strategies for Promoting Student Engagement in Today’s College Classroom
How should we think about how our students think? Resources and Framing
The Power and Possibilities of Misconceptions
- 2014 Understanding Mindsets: creating self-regulated learners
Teaching Triangles (multi-session program)

Graduate Supervision

- Continuing Reyhaneh Golestani (PhD, Health Sciences, expected 2020)
Gender, Geography, and Health: A comparative study on young women’s access to healthcare systems in small communities in Canada, Australia, and Sweden.
- Nayha Khaddouj Awada (PhD, Public Policy, expected 2020)
Access to Orphan Drugs in Canada: Patient and Policy Perspectives.
- Kalin McClusky (PhD, University of New Brunswick, expected 2020)
Home First: Comparative analysis of aging in place policies in Canada.
- Samuel Petrie (PhD, Health Sciences, expected 2021)
Complexity Science and the Evaluation of Pilot Projects within Health Sciences.
- Daniel Cousineau-Short (PhD, Health Sciences, expected 2022)
Recovery After Injury for Members of the Canadian Armed Forces.
- Mara Ostafichuk (PhD, Geography, expected 2023)
High-Resource Health System Users in Rural Canada, Australia, and Iceland.
- Lindsay Dorder (MSc, Health Sciences, expected 2020)
Agent-Based Models for Population Health: Forecasting chronic disease burden in small, rural communities.
- Claudia Sendanyoye (MSc, Health Sciences, expected 2021)

A Feminist Perspective on Men's Health in Rural Canada and Australia.

Maria Tovar (MSc, Health Sciences, expected 2021)

The 'Other Doctors': Access to Dental Care in Rural and Remote Communities.

Simon Boushel (MSc, Health Sciences, expected 2021)

Environmental Exposures and Genetic Markers for Autism, ADHD, OCD.

Alexa Mahling, Monica Sourial, Sajra Trto (HSTP MSc, 2020)

Opeongo Knowledge Exchange: Rural health research in Ontario's near-north.

Fatima Asad Ahmed, Julia Bobiak, Fozia Fur, Julia Morris (HSTP MSc, 2021)

Canadian Rural Health Atlas: Development of an interactive resource.

Marina White (MSc, Health Sciences, Committee Member)

Maternal nutrition for HIV infected mothers and infant outcomes.

Madeline Lamarra (MSc, Health Sciences, Committee Member)

(re)Defining Access to Transportation for Seniors: A public health perspective

2017

Kathryn Asher (PhD Sociology, September 2017)

Is the Perfect the Enemy of the Good? The Role of Dietary Choices, Perceptions, and Experiences in Meat Consumption Patterns in the U.S.

Isabel Garcés (Master of Applied Health Sciences, July 2017)

Individual and Ecological Determinants of Access to Mental Health Services Among Youth: An Analysis of Survey and Census Data.

2016

Rachelle Pelletier (MA Economics, September 2016)

The Impact of English-French Bilingualism on Wages in Canada

Mingjin Xia (MA Economics, December 2016)

The Impact of Population Aging on Individual Consumption in China.

Undergraduate Thesis Supervision

2019/2020

Rami El Shaar (BSc, Biology)

Inequalities in Mortality from Infectious Diseases in Rural and Remote Canada.

2018/2019

Chelsea Waid (BHSc)

Designing health services for 'hard to reach' rural populations in Sweden and Canada.

Claudia Sendanyoye (BHSc)

Comparative Analysis of Recruitment and Retention Initiatives of Healthcare Professionals in Rural Communities in northern Sweden, the Mid North of South Australia, and the 'forgotten north' of Canada.

Liam Priest (BHSc)

An Evaluation of Rural Youth Substance Use in Canada and Sweden: Causes, Services and Demographics.

Sydney Morris (BHSc)

A Review of the Transferability of eHealth Initiatives for Small Rural Communities into "Scaled-Up" Programs.

Sereen Aboukarr (BPAPM)

Best practices to increase adoption and use of eMental Health in rural Canada and Australia: A scoping review.

2018

Lindsay Dorder (BHSc)

Examining distributions of frequent healthcare users with chronic diseases using patient-engagement processes and geographic patterns.

Internship Supervision

2019

Mikayla Young (I-CUREUS, 2019-2020) *Recruitment and Retention of Mental Health Professionals in Rural Canada and Australia.*

Holly Simpson (I-CUREUS, 2019-2020) *Inequalities in Health in Rural and Remote Canada.*

- Sebastian Steven (Health Sciences Research Internship, Summer 2019) *Knowledge Mobilization of Rural Health Research Across the Life-course.*
- Kelly Biggs (I-CUREUS, 2019) *High Resource Hospital Users in Rural Canada.*
- 2018 Michele LeBlanc (I-CUREUS, 2018-2019) *Patient and Provider Perspectives of High Resource Hospital Users in Rural Ontario.*
- Michele LeBlanc (Deans Summer Research Internship, Summer 2018) *Analysis of eHealth Pilot Projects in Rural Sweden, Canada, and Australia.*
- Saambavi Paskaran (Health Sciences Research Internship, Summer 2018) *Analysis of eHealth Pilot Projects in Rural Sweden, Canada, and Australia.*
- Shireen Fergal (Health Sciences Research Internship, Summer 2018) *Geographic Variation of Frequent Hospital Users and Income Inequality in Rural Communities of Canada.*

Directed Studies Supervision

- 2019 Sajra Trto (MSc HSTP, Fall 2019, 0.5 credit)
Cancer Survival by Economic Family Income in Canada
- Nahya Awada (PhD in Public Affairs, Summer 2019, 0.5 credit)
Access to Orphan Drugs in Canada: beyond reimbursement decisions
- Alexa Mahling, Monica Sourial (MSc HSTP, Summer 2019, 0.5 credit)
Qualitative Methods in Health Sciences
- Holly Simpson (BHSc, Summer 2019, 0.5 credit)
Remoteness and Health Outcomes in Rural Canada
- Erica Chen, Devin Wood (MSc HSTP, Summer 2019, 0.5 credit)
Research on Current Health Issues Reflecting Age, Gender, Culture, and Sexual Orientation
- 2018 Kelly Biggs (BHSc, Fall 2018, 0.5 credit)
Frequent Hospital Users and Income Inequality in Rural Canada.
- Saambavi Paskaran (BHSc, Fall 2018, 0.5 credit)
Rural eHealth Initiatives for Chronic Disease Management.
- Laleah Sinclair (MSW, Summer 2018, 1.0 credit)
Accessibility of Health Services for Rural Youth in Remote Sweden and Canada.
- Chelsea Waid (BHSc, Summer 2018, 0.5 credit)
Reflections on Designing Health Services for 'hard to reach' Rural Youth.
- Claudia Sendanyoye (BHSc, Summer 2018, 0.5 credit)
Reflections on Recruitment and Retention Initiatives in Australia, Canada, and Sweden.

Thesis Examinations

- 2018 Silvana Agterberg (MA Psychology), August 2018
"Examining gendered treatment barriers among people with substance use and co-occurring mental health problems."
- Kent Thomas Jacobs (MSc Geography and Environmental Science), August 2018
"Quality Assessment of Volunteered Geographic Information: An Investigation into the Ottawa-Gatineau OpenStreetMap Database."
- Patrick Reid (MSc Epidemiology, Dalhousie University), March 2018 (external examiner)
"Small-area variations in unplanned repeat hospitalization in Nova Scotia."
- 2017 Saibo Peng (MA Economics), January 2017
"What is the Relationship between Industry, Occupation, and Body Weight in Canada?"
- 2016 Jafar El Armali (MA Economics), May 2016
"Long-Run Unemployment: Natural or Epiphenomenal?"

- David Miller (MA Psychology), April 2016
"Examination of Repeat Hospital Admissions for Mental Health Conditions Among Children and Adolescents in New Brunswick"
- Stephanie Richardson (MA Applied Health Studies), August 2016
"Leaving the Nest: Differences in Mental Health Among Canadian Youth Who Live With Their Parents and Those Who Live Independently"
- 2015 Haorui Wang (MA Economics), December 2015
"The Healthy Immigrant Effect: Differentials between Canadian Immigrants and Native-born Population in the Education Health Gradient"
- Pius Ariho (PhD Mathematics), July 2015
"Mathematical Models of Malaria Control with Artificial Feeders, Odorants and Bed Nets"
- 2014 Sabarish Muthu (M.Eng. Geomatics & Geodesy Engineering), December 2014
"Visualization, Statistical Analysis, and Mining of Historical Vessel Data"