



Professor Mark Daniel
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Mark Daniel arrived in Adelaide in September 2007 as Professor and Research Chair for Social Epidemiology. Previously, he was Associate Professor and Canada Research Chair for Population Health, Département de médecine sociale et préventive, Faculté de médecine, l'Université de Montréal, Canada. Prior to Montréal, he was Assistant Professor of Health Behavior & Epidemiology in the School of Public Health, University of North Carolina at Chapel Hill, USA. He completed his PhD in Health Care & Epidemiology at the University of British Columbia, Vancouver, Canada. Mark's primary expertise is in the areas of (i) social and chronic disease epidemiology, (ii) disease prevention, and (iii) environmental effects on health through person-place interactions. His research targets an understanding of the biological pathways between social and physical environs and human health, focusing on population resources and opportunities, social standing, contextual stressors, allostatic load, and psychosocial and behavioural mediators of the link between context and outcomes such as metabolic syndrome, obesity, cardiometabolic diseases, HIV/AIDS and adverse births.

Mark has directed 11 PhD students and 12 MSc students, and six postdoctoral fellows. He has local and international research opportunities for interested students in the areas of health and place ('neighbourhood') research, particularly: the development and use of environmental measures for assessment of area-level resources, opportunities and conditions of living; use of GIS – geographic information systems – and geospatial methods in multi-level health surveys; urban area effects on cardiometabolic diseases, obesity and behaviours including dietary fat consumption, physical activity and smoking; and use of biomarkers for estimating the impact of environmental stressors. Other opportunities exist for students interested in epidemiologic analysis of Indigenous health outcomes, and the development, implementation and evaluation of disease prevention intervention projects with both Indigenous and mainstream populations.

Recent Publications: "*" signifies student or fellow under supervision

*Ford CL, Daniel M, Earp JL, Kaufman JS, Golin GC, Miller WC (2008). Perceived everyday racism, residential segregation and HIV testing in an STD clinic sample. *American Journal of Public Health*; in press

*Moore DS, Daniel M, Auger N (2008). Socioeconomic disparities in low birth weight outcomes by maternal birthplace in Quebec, Canada. *Ethnicity and Health*; in press

- Bruneau J, Daniel M, Kestens Y, Généreux M, Zang G (2008). Associations between HIV-related injection behaviour distance and distance to and patterns of utilisation of syringe supply programs. *Journal of Epidemiology & Community Health*, in press
- *Généreux M, Auger N, Goneau M, Daniel M (2008). Neighbourhood socioeconomic status, maternal education, and adverse birth outcomes among mothers living near highways. *Journal of Epidemiology & Community Health*; in press
- Auger N, Daniel M, Platt R, Wu Y, Luo Z-C, Choinière R (2008). Association between perceived security of the neighbourhood and small for gestational age birth. *Paediatric and Perinatal Epidemiology*; in press
- Auger N, Luo Z-C, Platt R, Wu Y, Daniel M (2008). Do mother's education and foreign-born status interact to influence birth outcomes? Clarifying the epidemiologic paradox and the healthy migrant effect. *Journal of Epidemiology and Community Health*; in press
- *Bisset SL, Potvin L, Paquette M, Daniel M (2008). Assessing the impact of the primary school-based nutrition intervention Petits cuistots – parents en réseaux. *Canadian Journal of Public Health*; 99(2), 107-113
- Auger N, Daniel M, Platt RW, Luo Z-C, Wu Y, Choinière R (2008). The joint influence of marital status, interpregnancy interval, and neighborhood on small for gestational age birth: a retrospective cohort study. *BMC Pregnancy and Childbirth*; 8(7): 1-9
- Daniel M, Moore S, Kestens Y (2008). Framing the biosocial pathways underlying associations between place and cardiometabolic disease. *Health & Place*; 14(2): 117-132
- Bernard P, Charrafedine R, Frohlich KL, Daniel M, Kestens Y, Potvin L (2007). Health inequalities and place: A theoretical conception of neighbourhood. *Social Science & Medicine*; 65: 1839-1852
- Lima VD, Geller J, Bangsberg DR, Patterson TL, Daniel M, Montaner JSG, Hogg RS (2007). The effect of adherence on the association between depressive symptoms and mortality among HIV infected individuals first initiating HAART. *AIDS*; 21(9): 1175-1183
- *Marks E, Cargo M, Daniel M (2007). Constructing a health and social indicator framework for Indigenous community health research. *Social Indicators Research*; 82: 93-110
- *Premji S, Bertrand F, Smargiassi A, Daniel M (2007). Socioeconomic correlates of municipal-level pollution emissions on Montreal Island. *Canadian Journal of Public Health*; 98(2): 138-142
- *Moore S, Daniel M, Kestens Y (2007). Is educational inequality protective? *American Journal of Public Health*; 97(1): 8-9
- Daniel M, Brown A, Garnggulkpuy J, Cargo MD, O'Dea K (2006). Mastery, perceived stress and health-related behaviour in northeast Arnhem Land. *International Journal for Equity in Health*; 5(10): 1-10
- Lima VD, Kretz P, Palepu A, Bonner S, Kerr T, Moore D, Daniel M, Montaner JS, Hogg RS (2006). Aboriginal status is a prognostic factor for mortality among antiretroviral naïve HIV-positive individuals first initiating HAART. *AIDS Research & Therapy*; 3(14): 1-9
- Daniel M, Moore DS, Decker S, Belton L, DeVellis B, Doolen A, Campbell M (2006). Associations among education, cortisol rhythm and BMI in blue-collar women. *Obesity*; 14(2): 327-335
- *Ford CL, Daniel M, Miller WC (2006). High rates of HIV testing despite low perceived HIV risk among African-American sexually transmitted disease patients. *Journal of the National Medical Association*; 98(6): 841-844.
- Daniel M, Rowley KG, Marks E, O'Dea K (2006). Test agreement for classifying diabetes in Indigenous Australians. *Australian & New Zealand Journal of Public Health*; 30: 128-131