



McMaster Family Medicine Professorship in Child Health Research

Summary Report: March 2008 - 2013

Professor:

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Professorship

Established in 2008 with funding from McMaster's Department of Family Medicine, the goal of the **McMaster Family Medicine Professorship in Child Health Research** is to contribute significantly to the body of scholarship in the areas of primary care and child health, through teaching and research at McMaster University.

Acknowledgement

I would like to acknowledge and thank the Department of Family Medicine at McMaster. Under the leadership of Dr. David Price, the Department used their own financial resources in creating this professorship. In doing so, they have publically affirmed, in a very powerful way, their dedication and commitment to scholarship and research, and to creating a culture of academic excellence within their department. I am honoured to be the inaugural holder of this professorship, and to be a member of such a diverse and intellectually stimulating environment.

Focus

My work lies at the intersection between basic research, informed by disciplines such as population health/epidemiology, psychology and sociology, and applied clinical research. Fundamentally, I am interested in understanding the social, psychological and biological factors that influence health and health behaviours in a developmental context (change over time, with a focus specifically on childhood and adolescence). While research questions often begin framed as a basic science question, my interest in clinical relevance permeates the whole process, from conception through to dissemination (i.e., can this knowledge be used to improve the lives of individuals, families and communities/populations). This approach has resulted in many other research projects. However, the research within my overall program of work comes back to two general themes: (1) an interest in the inter-relationships between physical and mental health in the developing child; and (2)

the epidemiology of mental disorders across the lifecourse. With regard to the former, my colleagues and I have built an internationally recognized program of research, specifically examining the impact of motor coordination problems (developmental coordination disorder), and the mental and physical health and well-being of those children. To the former, I have worked with large, population health databases (administrative and survey-based) to better understand the prevalence and determinants of major mental disorders (e.g., depression, social anxiety disorder) among the Canadian population.

Goals of the Professorship

When I assumed the role of professorship in 2008, I envisaged a program of research that would have national and international impact in the field of child health. I did, however, also want to make a significant contribution to the development of research and scholarship efforts within the Department of Family Medicine. As a leader in research for Family medicine, I felt that one critical role was to directly engage with external stakeholders (knowledge users, policy makers) to effectively disseminate and translate the knowledge we were producing. Broadly, my objectives were to:

- (1) Produce and disseminate, high-quality, high-impact scientific research in the fields of child health and psychiatric epidemiology, that is relevant to both basic science and clinical practice in family medicine and beyond.
- (2) Train the next generation of scientists in these and related fields. Mentor clinical colleagues interested in conducting research.
- (3) Actively participate in the governance of research in the department of family medicine. Work toward enhancing the academic culture of the department through collaboration with and mentorship of faculty and staff.
- (4) Actively engage with external stakeholders (knowledge users, policy makers) nationally and internationally to positively influence the uptake, use and dissemination of knowledge in the fields of child health and psychiatric epidemiology.
- (5) Become a recognized leader, nationally and internationally, in my respective fields of inquiry.

Relevance

My work in child health has focused primarily on the health consequences of developmental coordination disorder (DCD), a common (5-6% prevalence), yet unrecognized and poorly understood condition. My interest in developmental coordination disorder (DCD) has led to many novel, research projects that have led to new discoveries linking DCD to obesity, physical inactivity and early onset cardiovascular pathology. Moreover, we have also identified children with DCD to be at an increased risk of mental health problems, including depression and anxiety. As a result of our ongoing work, interest in the DCD population has grown

exponentially over the past five years. In the field of child health and development, motor development (typical and atypical) has emerged as a critical area of inquiry, making our work in DCD highly relevant to the field as a whole. Moreover, linking DCD to obesity has brought attention to the critical role that motor ability plays as a determinant of body composition. Concern over pediatric obesity in general makes our work both timely and relevant.

In addition to my work on DCD, I have continued to work in the area of mental health during my tenure in the professorship. Mental health and addictions are among the most pressing problems we face in our society. When my academic career began in 2002, mental health was not a priority issue for governments, nor a topic that attracted significant media attention and research dollars. This has fundamentally changed in the last 5 years. Priorities amongst government ministries have shifted towards understanding the prevalence, determinants and impact of mental disorders and addiction problems are a priority concern for policy makers and funding agencies. My work in psychiatric epidemiology is more relevant today than ever before. Recently, I was the co-lead of a commissioned report on the burden of mental illness and addiction in the province of Ontario (*Opening Eyes, Opening Minds: The Ontario Burden of Mental Illness and Addictions Report*). This study, which took over two years to complete, is the first of its kind to estimate years of life lost (both in relation to mortality and disability) attributable to mental disorder and addiction in Canada. These findings suggest that mental illness surpasses the burdens associated with both cancer and infectious diseases, and has garnered significant media attention and interest from policy makers in the province.

Accomplishments, Activities and Impact – Current Term

Below, I review my accomplishments, activities and impact as it relates to each of the stated objectives of the professorship stated above.

(1) Produce and disseminate, high-quality, high-impact scientific research in the fields of child health and psychiatric epidemiology, that is relevant to both basic science and clinical practice in family medicine and beyond.

These past 5 years at McMaster have arguably been the most productive period of my career. Specifically:

- I have been well-published:
 - 1 book (as senior editor and contributor)
 - 5 book chapters
 - 1 conference proceeding
 - 80 peer-reviewed journal articles (8 of these currently in press)
 - 12 peer-reviewed abstracts
 - 6 reports
- I have received numerous sources of research funding:
 - 6 peer-reviewed grants totaling \$5,739,133 as a PI or co-PI from national (e.g., CIHR) and provincial funders (e.g., MCYS)

- 25 peer-reviewed grants totaling \$7,271,077 as a Co-I from CIHR and SSHRC
- I have received confirmation of the impact of my work (*these results show my biggest impact to the field has occurred during my tenure in the professorship*):
 - According to Google Scholar, my h-index is 31 (25 since 2007), and my work has been cited more than 2,700 times, 2162 in the past five years. My i10 h—index (articles with at least 10 citations) is 62, 58 since 2007.
 - A bibliometric analysis published in 2008 ranked me 3rd among the top 20 most productive population health researchers in North America (Source: Trico et al., *Canadian Journal of Public Health*, vol 99(6): 466-71).

(2) Train the next generation of scientists in these and related fields. Mentor clinical colleagues interested in conducting research.

- In training the next generation of scholars, I have supervised 6 graduate students, 1 postdoctoral fellow, and have served on thesis committees for 19 others. As a mentor, I work to prepare my graduate and post-graduate trainees for entry into an increasingly competitive environment. All of my students work on, and receive financial support from, funded research projects. All are actively encouraged and mentored in working on publications and peer-reviewed national and international conference presentations.
- Outside of McMaster, I have participated in supervisory committees at the University of Toronto and Brock University. I have been an external examiner of doctoral theses in Canada, Great Britain and Australia.
- I have also been involved in mentoring peers from different countries. For example, Dr. Sheng Wu from the Institute of Sport Performance, National College of Physical Education in Taiwan spent his sabbatical with me in 2010-2011. Fully funded by a national endowment from Taiwan, he spent time to develop an international study between our two countries on cultural differences in the expression of physical activity deficit in children with DCD. Dr. Sheng's proposal is currently under review in Taiwan.
- In 2012, I received a teaching award for mentorship in the Department of Clinical Epidemiology and Biostatistics.

(3) Actively participate in the governance of research in the department of family medicine. Work toward enhancing the academic culture of the department through collaboration with and mentorship of faculty and staff.

While more difficult to quantify in comparison to number of publications and dollars for grants, I believe that I have had a very positive influence in the

Department of Family Medicine in my role as Professor of Child Health and Associate Director of Research. In my role as research director, and through my professorship in family medicine, I have worked hard to encourage a culture of research and scholarly inquiry among colleagues. This has been achieved through a number of initiatives:

- One example concerns my involvement with the maternity centre research group. Shortly after my arrival, I was able to reinvigorate this committee, resulting in the securing of external funding for a randomized control trial and numerous smaller studies.
- Another example is my work as *Chair* of the Early Years Committee in the Department of Family Medicine. This Committee is responsible for overseeing education and training in healthy child development for both the medical clerkship (undergraduate medical program) and the Family Medicine Residency training program.
- I have also mentored several colleagues in a number of different projects. Some examples include:
 - I have mentored Dr. Joyce Zazulak, in relation to the evaluation of her innovative program in Art and Medicine
 - I provided mentorship and support to Dr. Tejal Patel, who successfully obtained a fellowship through the College of Family Medicine of Canada (Daniel Glazier Award in Adolescent Mental Health and Substance Abuse Research, awarded in 2012).
 - Dr. Liz Shaw and I prepared a grant application for HAHSO funding (currently under review) to support her work on maternal/child health and addictions.

(4) Actively engage with external stakeholders (knowledge users, policy makers) nationally and internationally to positively influence the uptake, use and dissemination of knowledge in the fields of child health and psychiatric epidemiology.

- During my first term in the professorship, I have been a consultant to the government on policy related to mental health in children. Some examples include:
 - I am the co-scientific lead on the evaluation of the child and youth mental health strategy of Ontario. This strategy is a multi-ministry initiative involving: Health and Long-term Care, Ministry of Child and Youth Services, Education, Justice and Community and Social Services
 - I am the lead consultant on the design and implementation of a new screening instrument for psychosocial risk, as part of the Ontario Ministry of Child and Youth Services' *Healthy Babies, Healthy Children* program.
 - I am the lead scientist on the 18-month enhanced well-baby visit program in the province of Ontario. Related to this, I secured funding

from the Ministry of Child and Youth Services to conduct a validation of the NDDS, a parent-reported survey that is used in primary care and public health to screen for developmental delay.

(5) Become a recognized leader, nationally and internationally, in my respective fields of inquiry.

- In addition to publications and impact indicators (h-index), my scientific accomplishments have been recognized by my peers in several other ways:
 - In 2009, I was elected by my peers to be the President of the Canadian Academy of Psychiatric Epidemiology.
 - Also in 2009, I became *Chair* of the Psychosocial, Behavioural Determinants of Health Review Committee at CIHR, a position I continue to hold.
 - The following year (2010), I was elected a *Fellow* of the American Psychopathological Association.
 - In 2011, I was an *Active and Excellent Visiting Fellow* (invited) of the School of Psychology and Speech Pathology at Curtin University in Perth, Australia.
 - In 2012, I was elected to the position of Board of Directors, for the North American Society for Pediatric Exercise Medicine (NASPEM)
 - I was appointed to the editorial boards of two prestigious journals – the *Journal of Epidemiology and Community Health (BMJ Group)* and *BMC Pediatrics* (BioMed Central).
 - In October of 2012, I was invited to be the inaugural *Editor-in-Chief* of a new journal, *Current Developmental Disorders Reports*, to be published by Springer.
 - I am a sought after speaker, having been an invited keynote or guest lecturer at 30 national and international conferences and research symposia

Objectives for Next Term

The broad, core objectives identified in previous sections will remain unchanged for the next term of the professorship. I outline here several examples of new projects/directions for the second term.

- I currently have a grant under review at CIHR (\$2.1 million over five years), outlining the plan for a prospective, cohort study of preschool children (ages 4 to 6) with motor coordination problems. This will be the first study anywhere in the world to prospectively examine the links between DCD, inactivity and obesity in very young children.
- I also plan to increase my work on the role of exercise and physical activity in relation to health outcomes. Two examples of this include:
 - We currently have another grant under review at CIHR that will use existing data to explore the impact of participation in physical activity over a continuous, 20 year period on mortality in a representative sample of Canadians.
 - Specifically working with people in family medicine, I have initiated a primary care exercise medicine research group. This has led to the submission of a proposal to HAHSO (AFP) to explore an intervention using personal electronic medical records as a platform for increasing physical activity in sedentary patients in the context of primary care. I would like to further ramp-up this activity, building a broader program of research in this area.

Other Activities

Associate Memberships (Academic):

2009-present	Associate Member, Department of Sociology, Faculty of Social Science, McMaster University
2009-present	Associate Member, Department of Kinesiology, Faculty of Science, McMaster University
2008-present	Associate Professor, Department of Family Medicine, Michael G. DeGroote School of Medicine, McMaster University
2008-present	Associate Professor, Department of Psychiatry and Behavioural Neuroscience, Michael G. DeGroote School of Medicine, McMaster University
2008-present	Associate Professor (Part Time), Department of Clinical Epidemiology and Biostatistics, Michael G. DeGroote School of Medicine, McMaster University

Ad Hoc Reviewer:

2012	Medical Research Council, United Kingdom
2011	Research Foundation Flanders (FWO), Belgium
2010	National Institutes for Health (NIH), Washington, DC
2009	Children's Hospital of Eastern Ontario (CHEO) Research Institute
2009	Alberta Children's Hospital

External Reviewer for Promotion and Tenure:

2012	Department of Occupational Therapy, Tel Aviv University
2011	Department of Kinesiology and Physical Education, McGill University Faculty of Physical Education and Recreation, University of Alberta
2009	Department of Psychiatry, McGill University Department of Psychiatry, University of Toronto

Participation on Internal Committees:

2011	<i>Member</i> , David Braley & Nancy Gordon Chair in Family Medicine Selection Committee, Department of Family Medicine, McMaster University
2011	<i>Member</i> , Selection Committee for the Associate Dean (Research), Faculty of Health Sciences, McMaster University
2010	<i>Invited Member</i> , Hamilton Academic Health Sciences Organization (HAHSO) AFP 2010 Innovation Grant Competition, Faculty of Health Sciences, McMaster University
2010-2011	<i>Invited Member</i> , Departmental Executive Committee, Department of Family Medicine, McMaster University
2010-2011	<i>Invited Member</i> , Research Advisory Council, Faculty of Health Sciences, McMaster University
2010-present	<i>Member</i> , Tenure and Promotions Committee, Department of Family Medicine, McMaster University

2010-present	<i>Member, Statistics Canada Research Data Centre Advisory Group, McMaster University</i>
2010	<i>Member, Sub-committee for post-graduate care of children curriculum working group, Department of Family Medicine, McMaster University</i>
2010	<i>Member, Planning Committee for the David Braley and Nancy Gordon Endowed Chair in Family Medicine Conference, Department of Family Medicine, McMaster University</i>
2009-present	<i>Chair, Early Years Steering Committee, Department of Family Medicine, McMaster University</i>
2008-2009	<i>Member, Early Years Steering Committee, Department of Family Medicine, McMaster University</i>
2008-present	<i>Member, Health Research Methodology MSc Admissions Committee, Department of Clinical Epidemiology and Biostatistics, McMaster University</i>
2008	<i>Member, Internal Grant Review Task Force (Dr. Allan Kaplan), Centre for Addiction and Mental Health</i>

Publications

Books:

Cairney J, Streiner DL. (Eds) (2010) *Mental Disorders in Canada: an epidemiological perspective*. Toronto: University of Toronto Press.

Contributing Chapters:

1. **Cairney J**, Streiner, DL. Introduction: Psychiatric Epidemiology in Canada: A Coming of Age
2. Streiner, DL, **Cairney J**. Chapter 1: The Social Science Contribution to Psychiatric Epidemiology
3. **Cairney J**, Veldhuizen S, Wade TJ. Chapter 3: Intersecting Social Statuses and Psychiatric Disorder: New Conceptual Directions in the Social Epidemiology of Mental Disorder
4. Corna L, Gage L, **Cairney J**, Streiner DL. Chapter 11: Psychiatric Disorder in Later Life: A Canadian Perspective
5. Streiner, DL, **Cairney J**. Chapter 20: Where do we go from here? The future of Psychiatric Epidemiology in Canada

Book Chapters:

1. **Cairney J**, Streiner DL. (2010). The Wennberg Design. In Neil J. Salkind (Ed), *Encyclopedia of Research Design, Vol. 3* (pp. 1623-1627). Thousand Oaks, CA: Sage Publications.
2. Streiner DL, **Cairney J**. (in press). Epidemiology. In Jay Thomas & Michel Hersen (Eds.), *Handbook of Clinical Psychology Competencies*. New York: Springer Sciences.
3. Veldhuizen S, **Cairney J**, Streiner DL. (2009). The RDC Archipelago. In David L. Streiner and Souraya Sidani (Eds.), *When Research Goes Off the Rails*. (pp. 88-96). New York: Guilford Press.
4. **Cairney J**, Hay JA, Faught BE. (2009). On the finer points of handling googlies: Reflections on hits, near misses and full-blown swings at the air in large, population-based studies involving schools, parents and children. In David L. Streiner and Souraya Sidani (Eds.), *When Research Goes Off the Rails*. (pp. 228-238). New York: Guilford Press.
5. Hay J, Veldhuizen S, **Cairney J**. (2008). Tracking the relationship between motor proficiency and BMI over a 24-month period among Canadian school children. Pp. 129-133 in Toivo Jürimäe, Neil Armstrong and Jaak Jürimäe (Eds.) *Children and Exercise XXIV: The proceedings of the 24th pediatric work physiology meeting*. London UK: Routledge.

Chapters in Conference Proceedings:

1. Hay J, **Cairney J**. Factors Affecting Shuttle Run Performance in Children (Chapter 37). *Children and Exercise XXV: The proceedings of the 25th Pediatric Work Physiology Meeting*, G. Baquet, S Berthoin (Eds). pp 207-211. (2011) Routledge: United Kingdom

Peer-reviewed Journal Publications:

** indicates that the manuscript was completed by a research fellow, junior colleague or graduate student while under my supervision*

1. Gabel L, Proudfoot NA, Obeid J, MacDonald MJ, Bray SR, **Cairney J**, Timmons BW. (in press). Step Count Targets Corresponding to New Physical Activity Guidelines for the Early Years. *Medicine and Science in Sports and Exercise*. (ROLE: Co-author)
2. Granek L, Rosenberg-Yunger Z, Dix D, Klassen R, Sung L, **Cairney J**, Klassen AF. (in press). Caregiving, single parents and cumulative stresses when caring for a child with a cancer. *Child: Care, Health & Development*. (ROLE: Co-author)

3. Rueda S, Raboud J, Rourke SB, Bekele T, Bayoumi A, Lavis J, **Cairney J**, Mustard C (in press). The influence of employment and job security on physical and mental health in HIV-positive patients: a cross-sectional analysis. *Open Medicine*. (ROLE: Co-author)
4. Ludwa IA, O'Leary DD, Wade TJ, **Cairney J**, Falk B, Klentrou P. The effect of adiposity on the relationship between indicators of maturity in peri-pubertal children. *Annals of Human Biology*. (ROLE: Co-author)
5. Rivard L, Missiuna C, McCauley D, **Cairney J**. Descriptive and factor analysis of the Developmental Coordination Disorder Questionnaire (DCDQ'07) in a population-based sample of children with and without DCD. *Child: Care, Health and Development*. (ROLE: Co-Senior Author)
6. Rourke SB, Gardner S, Burchell AN, Raboud J, Rueda S, Bayoumi AM, Loutfy M, Cooper C, Smieja M, Taylor D, DiPede T, Wobeser W, Rachlis A, Major C, Waring V, Fisher M, **Cairney J**, Mittmann N, Salit IE, Crouzat F, Gough K, Ralph E, Sandre R, Kilby D. (in press). Cohort Profile: The Ontario HIV Treatment Network Cohort Study (OCS). *International Journal of Epidemiology* (ROLE: Co- Author)
7. Hajna S, Liu J, LeBlanc PJ, Faught BE, Merchant AT, **Cairney J**, Hay J (in press). Association between body composition and conformity to the recommendations of the Canada's Food Guide and the DASH diet in peri-adolescence. *Public Health Nutrition* (ROLE: Co- Author)
8. Liu J, Hay J, Faught BE, Wade T, **Cairney J**, Merchant AT, Trevisan M. (in press). Family eating and activity habits, diet quality and pre-adolescent overweight and obesity. *Public Health*. (ROLE: Co- Author)
9. Timmons BW, Proudfoot NA, Macdonald MJ, Bray SR, **Cairney J**. (2012). The health outcomes and physical activity in preschool (HOPP) study: rationale and design. *BMC Public Health* 12(1):284. (ROLE: Co- Author)
10. Missiuna, C, Pollock N, Campbell W, Bennett S, Hecimovich C, Gaines R, DeCola C, **Cairney J**, Russell D, Molinaro E. (2012). Use of the Medical Research Council Framework to develop a complex intervention in pediatric occupational therapy: Assessing feasibility. *Research in Developmental Disabilities* 33(5):1443-1452. (ROLE: Co- Author)
11. * **Cairney J**, Kwan M, Hay J, Faught BE. (2012) Developmental Coordination Disorder, Gender, and Body Weight: Examining the impact of participation in active play. *Research in Developmental Disabilities* 33(5): 1566-1573 (ROLE: Senior Responsible Author)
12. * **Cairney J**, Kwan MYW, Veldhuizen S, Hay J, Bray SR, Faught BE (2012). Gender, Perceived Competence and the Enjoyment of Physical Education in

Children: A Longitudinal Examination. *International Journal of Behavioral Nutrition and Physical Activity* 9: 26 (ROLE: Senior Responsible Author)

13. Fitzgibbon LK, Coverdale NS, Phillips A, Shoemaker KJ, Klentrou P, Wade TJ, **Cairney J**, O'Leary DD. (2012) The association between baroreflex sensitivity and blood pressure in children. *Applied Physiology, Nutrition, and Metabolism* 37(2): 301-7. (ROLE: Co- Author)
14. Mackenzie CS, Reynolds K, **Cairney J**, Streiner DL, Sareen J. (2012). Disorder-specific mental health service use for mood and anxiety disorders: associations with age, sex and psychiatric co-morbidity. *Depression and Anxiety* 29(3):234-42. (ROLE: Co- Author)
- 15.* Coverdale NS, Fitzgibbon LK, Reid GJ, Wade TJ, **Cairney J**, O'Leary DO. (2012). Baroreflex sensitivity is associated with sleep-related breathing problems in adolescents. *Journal of Pediatrics* 160(4):610-614. (ROLE: Co-Author)
16. Lunksy Y, Balogh R, **Cairney J**. (2012). Predictors of emergency department visits in persons with intellectual disability experiencing a psychiatric crisis. *Psychiatric Services* 63(3):287-90. (ROLE: Co-Senior Responsible Author)
17. Missiuna C, Pollock N, Levac D, Campbell W, Whalen SS, Bennett S, Hecimovich C, Gaines R, **Cairney J**, Russell D. (2012). Partnering for Change: An innovative school-based occupational therapy service delivery model for children with Developmental Coordination Disorder. *Canadian Journal of Occupational Therapy* 79(1): 41-50. (ROLE: Co-author)
18. Rueda S, Gibson K, Rourke SB, Bekele T, **Cairney J**, Gardner S. (2012). Mastery moderates the negative effect of stigma on depressive symptoms in people living with HIV. *AIDS and Behavior* 16(3):690-9. (ROLE: Co-Author)
19. Liu J, Akseer N, Faught BE, Cairney J, Hay J. (2012). Use of leg length to height ratio to assess the risk of childhood overweight and obesity: results from a longitudinal cohort study. *Annals of Epidemiology* 22(2): 120-5. (ROLE: Co- Author)
- 20.* Rivilis I, Liu J, **Cairney J**, Hay J, Klentrou P, Faught BE. (2012). A Prospective Cohort Study Comparing Workload in Children with and without Developmental Coordination Disorder. *Research in Developmental Disabilities* 33(2): 442-8. (ROLE: Co- Author)
- 21.* Coverdale NS, O'Leary D, Faught BE, Chirico D, Hay J, **Cairney J**. (2012). Baroreflex sensitivity is reduced in adolescents with probable developmental coordination disorder. *Research in Developmental Disabilities* 33(1): 251-7. (ROLE: Co-Senior Responsible Author)

22. * Kwan M, **Cairney J**, Pullenayegum E, Faulkner G. (2012). Patterns of physical activity and other health-risk behaviors during the transition into early adulthood: a longitudinal cohort study of Canadians. *American Journal of Preventive Medicine* 42(1): 14-20. (ROLE: Co-Senior Responsible Author)
23. * Chirico D, O'Leary D, **Cairney J**, Haluka K, Coverdale N, Klentrou P, Hay J, Faught E. (2012). Longitudinal assessment of left ventricular structure and function in adolescents with developmental coordination disorder. *Research in Developmental Disabilities* 33(2): 717-25. (ROLE: Co-Senior Responsible Author)
24. * **Cairney J**, Kwan M, King-Dowling S. (2011). Obesity Risk in Children with Developmental Coordination Disorder: What do we know? What can we do? *The Dyspraxia Foundation Profession Journal* 10: 21-32 (ROLE: Senior Responsible Author)
25. * Wahi G, LeBlanc P, Hay JA, Faught BE, O'Leary D, **Cairney J**. (2011). Metabolic syndrome in children with and without developmental coordination disorder. *Research in Developmental Disabilities* 32(6): 2785-9. (ROLE: Senior Responsible Author)
26. Li Y-C, Wu SK, **Cairney J**, Hsieh CY. (2011). Motor coordination and health-related physical fitness of children with developmental coordination disorder: a three-year follow-up study. *Research in Developmental Disabilities* 32(6): 2992-3002. (ROLE: Co-Senior Responsible Author)
27. * Wade TJ, Veldhuizen S, **Cairney J**. (2011). Prevalence of psychiatric disorder in lone fathers and mothers: examining the intersection of gender and family structure on mental health. *Canadian Journal of Psychiatry* 56(9): 567-73. (ROLE: Co-Senior Responsible Author)
28. * **Cairney J**, Hay JA, Veldhuizen S, Faught BE. (2011). Trajectories of cardio-respiratory fitness in children with and without developmental coordination disorder: a longitudinal analysis. *British Journal of Sports Medicine* 45(15): 1196-1201 (ROLE: Senior Responsible Author)
29. Cescon AM, Cooper C, Chan K, Palmer AK, Klein MB, Machouf N, Loutfy MR, Raboud J, Rachlis A, Ding E, Lima VD, Montaner JS, Rourke SB, Smieja M, Tsoukas C, Hogg RS. (2011). CANOC Collaboration (**Cairney J**). *HIV Medicine* 12(6):352-60. (ROLE: Collaborator)
30. * Carlesso L, **Cairney J**, Dolovich L, Hoogenes J. (2011). Defining adverse events in manual therapy: the patient perspective. *Manual Therapy Journal* 16(5):440-6. (ROLE: Co-author)
31. * Baerg S, **Cairney J**, Hay J, Rempel L, Faught BE, Mahlberg N. (2011). Evaluating physical activity using accelerometry in children at risk of developmental coordination disorder in the presence of attention deficit

- hyperactivity disorder. *Research in Developmental Disabilities* 32(4):1343-50. (ROLE: Co-Senior Responsible Author)
32. * Silman A, **Cairney J**, Hay JA, Klentrou P, Faught BE. (2011). Role of physical activity and perceived adequacy on peak aerobic power in children with developmental coordination disorder. *Human Movement Science* 30(3):672-81. (ROLE: Senior Responsible Author)
33. Ross LE, Villegas L, Dennis CL, Bourgeault IL, **Cairney J**, Grigoriadis S, Steele L, Yudin MH. (2011). Rural residence and risk for perinatal depression: A Canadian pilot study. *Archives of Women's Health* 14(3):175-85. (ROLE: Co-author)
34. Wu SK, **Cairney J**, Lin HH, Li YC, Song T-F. (2011). Pulmonary function in children with development coordination disorder. *Research in Developmental Disabilities* 32(3):1232-1239. (ROLE: Co-Senior Responsible Author)
35. * Liu J, Hay JA, Joshi D, Faught BE, Wade TJ, **Cairney J**. (2011). Sleep difficulties and obesity among preadolescents. *Canadian Journal of Public Health* 102(2):139-43. (ROLE: Co-Author)
36. * Rivillis I, **Cairney J**, Hay JA, Klentrou N, Faught BE. (2011). Physical activity and fitness in children with developmental coordination disorder: a systematic review. *Research in Developmental Disabilities* 32(3):894-910. (ROLE: Co-Senior Responsible Author)
37. * **Cairney J**, Hay JA, Veldhuizen S, Faught BE. (2011). Assessing body composition using whole body air-displacement plethysmography in children with and without developmental coordination disorder. *Research in Developmental Disabilities* 32(2):830-5. (ROLE: Senior Responsible Author)
38. Zhu Yi-C, Wu, SK, **Cairney J**. (2011). Obesity and motor coordination ability in Taiwanese children with and without developmental coordination disorder. *Research in Developmental Disabilities* 32(2):801-7. (ROLE: Senior Responsible Author)
39. Missiuna CA, **Cairney J**, Pollock N, Russell R, Macdonald K, Cousins M, Veldhuizen S, Schmidt L. (2011). A staged approach for identifying children with developmental coordination disorder from the population. *Research in Developmental Disabilities* 32(2):549-59. (ROLE: Along with Dr. Missiuna, Co-Senior Responsible Author)
40. * Chirico D, O'Leary D, **Cairney J**, Klentrou P, Haluka K, Hay JA, Faught BE. (2011). Left ventricular structure and function in children with and without developmental coordination disorder. *Research in Developmental Disabilities* 32(1): 115-23. (ROLE: Senior Responsible Author)

41. **Cairney J**, Streiner DL. (2011). Using relative improvement over chance (RIOCI) to examine agreement between tests: three case examples using studies of developmental coordination disorder (DCD) in children. *Research in Developmental Disabilities*: 32(1) 87-92. (ROLE: Senior Responsible Author)
42. Wells S, Flynn A, Graham K, Rehm J, **Cairney J**, Kates N, Kennedy J, Lobo D, Chaiton M, Menzies P, Tyndale R, Verjee Z. (2011). Using a mobile laboratory to study mental health, addictions, and violence: A research plan. *Challenges* 2(1): 1-18. (ROLE: Co-Author)
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54. **Cairney J,** Hay JA, Veldhuizen S, Missiuna C, Faught BE. (2010). Developmental coordination disorder, gender and the activity deficit over time: A longitudinal analysis. *Developmental Medicine and Child Neurology* 52(3); e67-e72. (ROLE: Senior Responsible Author)
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Peer-reviewed Abstracts:

1. Bray SR, Martin Ginis KA, Cairney J, Marinoff-Shupe D, Pettit A, Saville PD, Graham JD, Tran A. "They believe I can do it..., and this is how I know!" Youth sport participants' perceptions of verbal and non-verbal feedback on relation-inferred self-efficacy. *Journal of Sport and Exercise Psychology*, 34, S206, 2012.
2. Hay J, Faught BE, **Cairney J**. (2010). Developmental coordination disorder and adiposity. *Journal of Adolescent Health*, Volume 46(Suppl. 2): S39.
3. Liu L, Joshi D, **Hay J, Cairney J**, Faught BE. (2010). Sleep difficulties and preadolescent obesity. *Journal of Adolescent Health*, Volume 46(Suppl. 2): S15.
4. Phillips AA, Peralta-Huertas J, Fitzgibbon LK, Wade T, Cairney J, O'Leary D. The relationship between blood pressure and arterial characteristics in clinically normotensive children. *FASEB Journal* 24(1): 982.17, 2010.
5. Chirico D, Haluka K, Peralta-Huertas J, Wade T, Cairney J, O'Leary DD. Impact of high-normal blood pressure on left ventricular mass in children. *Appl Physiol Nutr Metab* 35 S16, 2010.
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7. Phillips AA, Peralta-Huertas J, Fitzgibbon LK, Wade TJ, Cairney J, O'Leary DD. Arterial stiffness and thickness in children with elevated blood pressure. *Appl Physiol Nutr Metab* 34(Suppl 1), S72, 2009.
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9. Silman A, Klentrou P, Hay J, **Cairney J**, Faught BE. (2008). Cardiorespiratory fitness in children with developmental coordination disorder. *Applied Physiology, Nutrition and Metabolism*, 33(Suppl.1): S92-S93.
10. Akseer N, **Cairney J.**, Hay J, Liu J. Faught BE. (2008). Screening accuracy in body composition methods for childhood obesity in a known overweight population. *Applied Physiology, Nutrition and Metabolism*, 33(Suppl.1): S2-S3
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Reports:

1. Ratnasingham S, **Cairney J**, Rehm J, Manson H, Kurdyak PA. *Opening Eyes, Opening Minds: The Ontario Burden of Mental Illness and Addictions Report*. An ICES/PHO Report. Toronto: Institute for Clinical Evaluative Sciences and Public Health Ontario; 2012.
2. Khan S, Zagorski B, **Cairney J**, Kurdyak P, Atzema C, Henry D. Mental Illness and Addictions in the Métis Nation of Ontario Feasibility Study. *Report prepared for The Métis Nation of Ontario*. Institute for Clinical Evaluative Sciences, September 2011.
3. **Cairney J**, Clinton J, Kind-Dowling S. International Environmental Scan of Child Development Monitoring. *Report prepared as part of the 18-month Enhanced Well-Baby Visit Program funded by the Ministry of Child and Youth Services*, April 2011. Report is available for download at <http://www.childdevelopmentmonitoring.net/files/download-files/International%20Environmental%20Scan%20of%20Child%20Development%20Monitoring.pdf>.
4. Guttman A, Klein-Geltink J, Kopp A, **Cairney J**. *Uptake of the New Fee Code for Ontario's Enhanced 18-Month Well Baby Visit: A Preliminary Evaluation*. Toronto: Institute for Clinical Evaluative Sciences; 2011.
5. Hay J, Faught BE, **Cairney J**. The Physical Health Activity Study Team (PHAST) Progress Report: September 2004 to August 2010. *Report for the District School Board of Niagara*, August 2010.
6. Corna L, **Cairney J**. (2008). Recommendations for Revisions to the Social Support Module for the Canadian Community Health Surveys: An Expert Review. *A report prepared for Statistics Canada*. April, 2008.

Grants and Funding

[List grants, awards, etc. received over your current term.]

As Principal Investigator:

1. Co-Principal investigator with Dr. P. Kurdyak, Dr. T. Wade, Dr. D. Streiner, Dr. S. Vigod, Dr. A. Schaffer. Prevalence and Correlates of Unmet Need and Access to Care for Mental Health Problems: Linking population-based data to administrative records. (\$207,086 funded by Canadian Institutes of Health Research), Oct. 1, 2010 to Sept. 30, 2012.

2. Principal investigator with Dr. P. Kurdyak, Dr. T. Wade, Dr. D. Streiner. Unmet Need in Mental Health Care: Exploring Social Determinants Using Intersectionality. (\$74,289 funded by Population Health Improvement Research Network), March 15, 2010 to March 15, 2011.
3. Co-Principal investigator with Dr. S. Wells (Nominated PI), Dr. J. Rehm (co-PI), Dr. K. Graham (co-PI), Dr. N. Kates (co-PI), Mr. M. Chaiton, Dr. J. Kennedy, Dr. D. Lobo, Mr. P. Menzies Dr. R. Tyndale, Dr. Z. Verjee. CIHR Team in using a mobile community research laboratory to improve understanding, treatment and prevention of addiction and mental illness comorbidities at the individual and community level: The Ontario Communities Project (\$1, 498,205 funded by the Canadian Institutes of Health Research), Jan 1, 2010 to Dec 2014.
4. Principal investigator with Dr. J. Clinton (co-PI), Dr. D. Streiner, Dr. K. Georgiades, Dr. C. Mackie, Dr. T. Vaillancourt, Dr. P. Szatmari, Dr. T.J. Wade, Dr. C. Missiuna, Dr. M. Kertoy, Mr. S. Veldhuizen. Assessing the Reliability and Validity of NDDS-R in a Population-based Sample of Mothers and Children. (\$259,554 funded by the Ministry of Children and Youth Services), December 2009 - November 2010.
5. Co-Principal Investigator of the Module "Community Health and Knowledge Exchange" in the grant "Transforming Care for Mental Illness & Addictions - An Integrated Approach" (Module Co-PI: Drs. J. Rehm & J. Cairney; \$3,600,000.(only for the module, out of \$15,000,000 overall, for infrastructure) from Canada Foundation for Innovation – Research Hospital Fund), August, 2008.
6. Co-principal applicant with Dr. Sean Rourke (PI), Dr. Sam Noh (PI), Dr. Randy Jackson (PI), Dr. Rosemary Jolly (PI), Sergio Reuda, Dr. Robb Travers, Sarah Rubenstein, Dr. Carol Strike, Dr. Margaret Millson. Systematic review of the effects of stigma and discrimination on health in HIV/AIDS (\$100,000 funded by Canadian Institutes for Health Research), March 2008-February 2009.

As Co-Investigator:

7. Co-investigator with Dr. Ellen Lipman, (PI), Dr. Susan Jack, Dr. Ryan Van Lieshout, Dr. Michael Boyle, Dr. Kathy Georgiades and Christina Grant. Assisting Teen Mothers and their Children in Hamilton. (\$300,000 from Hamilton Health Sciences, HHS Research Strategic Initiatives), April 2012-April 2014.
8. Co-investigator with Dr. Cheryl Missiuna, Dr. Amanda Kirby (Co PIs), Dr. Jennifer McLean, Dr. Sheila Harms, Dr. Robin Gaines, & Ms. Nancy Pollock. Development of an on-line workshop to support physicians in identifying, diagnosing and managing Developmental Coordination Disorder. (\$31,500 funded by The Waterloo Foundation), 2012-2013.

9. Co-investigator with Dr. Ian Colman (PI), Dr. Cam Wild, Dr. George Ploubidis. Pathways from Early Childhood Behaviour and Development to Adolescent Depression. (\$282,491 funded by SickKids Foundation and the Canadian Institutes of Health Research), 2011-2014.
10. Co-investigator with Dr. Guy Faulkner (PI), Dr. K. Arbour-Nicitopoulos, Dr. T. Cohn, Dr. M. Stone. Identifying and measuring correlates and determinants of physical activity in individuals with schizophrenia. (\$156,385 Funded by the Canadian Institutes of Health Research (CIHR), \$56,385 awarded October 2011 - October 2012; \$100,000 awarded in March 2012 to February 2014).
11. Co-investigator with Dr. Carol DeMatteo (PI), Dr. Cheryl Missiuna, Dr. Steven Hanna, Dr. Mary Law, Dr. William Mahoney, Ms. Dayle McCauley. Education is the key to protecting children's brains! (\$99,915 funded by the Canadian Institutes of Health Research (CIHR), June 2011 – March 2012.
12. Co-investigator with Dr. Michael Boyle (PI), Dr. Kathy Georgiades (co-PI), Dr. Kathy Bennett, Dr. Magdalena Janus, Dr. Ellen Lipman, Dr. Harriet MacMillan, Dr. Peter Szatmari. Classifying Child and Adolescent Psychiatric Disorder. (\$286,445 funded by the Canadian Institutes of Health Research (CIHR), March 2011 – March 2013.
13. Co-investigator with Dr. C. Missiuna (PI), N. Pollock, N, Dr. S. Bennett, Dr. R. Gaines, C. Hecimovich, C, Dr. P. Rosenbaum, Dr. W. Campbell, & D. Levac. Advancing an innovative model of service delivery: Partnering to promote knowledge exchange. (\$39,971 funded by the Canadian Institutes of Health Research (CIHR), October 2010- September 2012.
14. Co-investigator with Dr. S. Bray (PI), Dr. K. Martin Ginis, D. Marinoff Shupe, A. Pettit. "They believe I can do it...maybe I can!" The effects of interpersonal feedback on relation-inferred self-efficacy (RISE), self-efficacy, and intrinsic motivation in children's sport. (\$127,260 funded by Social Sciences and Humanities Research Council) July 2010 to June 2013.
15. Co-investigator with Dr. Brian Timmons (PI) Dr. S Bray, Dr. M. MacDonald. Health Outcomes and Physical Activity in Preschoolers: The "HOPP" Study. (\$454,380 funded by the Canadian Institutes of Health Research), Jan 1, 2010 to Dec 2014.
16. Co-investigator with Dr. S. Sidani (PI), Dr. M. Fox, Dr. J. Miranda, Dr. D. Streiner, Dr. S. Fredericks. Consultants: Dr. R.R. Bootzin, Dr. D.R. Epstein. Insomnia and Cardiovascular Diseases: Influence of Behavioral Treatments and Preferences (\$305,320 funded by the Canadian Institutes of Health Research), November 2009 to October 2012.

17. Co-investigator with Dr. Kathy Bennet (PI), Dr. Amy Cheung (co-PI), Dr. B. Ballon, Dr. J. Beitchman, Dr. K. Boylan, Ms. Heather Bullock, Ms. C. Cleverley, Dr. C. Dewa, Dr. K. Georgiades, Dr. S. Grigoriadis, Dr. J. Henderson, Dr. K.L. Lanctot, Dr. J. Langley, Dr. E. Lipman, Dr. K. Manassis, Dr. K. McKibbin, Dr. L. Ross, Dr. B. Rush, Dr. A. Schaffer, Dr. W. Skinner, Dr. L. Thabane. Evidence on Tap - Expedited Knowledge Synthesis: Concurrent Disorders and Youth (\$110,000 funded by the Canadian Institutes of Health Research), September 2009-February 2010.
18. Co-investigator with Dr. Sean Rourke (PI) and 17 co-principal investigators, and 51 co-investigators across all of Canada. CIHR Centre for REACH (Research Evidence into Action for Community Health) in HIV/AIDS (\$2,500,000 funded by the Canadian Institutes of Health Research), May 2009 – May 2014.
19. Co-investigator with Dr. Sean Rourke (PI). Universities without walls: A CIHR Strategic Grant in HIV/AIDS Health Research (\$1,800,000 funded by the Canadian Institutes of Health Research), April 2009 – March 2015.
20. Co-investigator with Dr. Anne Klassen (PI), Dr. J. Dix, Dr. R. Klassen, Dr. L. Sung. Caring for a child with cancer: understanding single parent families' experiences. (\$126,920 funded by the National Cancer Institute of Canada), July 2009 – June 2010.
21. Co-investigator with Dr. Souraya Sidani (PI), Dr. David Streiner, Ms. Joyal Miranda. Influence of Treatment Attributes on Preferences for Behavioral and Pharmacological Treatments (\$97,326 funded by the Canadian Institutes of Health Research, ranked 5th out of 42), July 2008-June, 2010.
22. Co-investigator with Dr. Sean Rourke (PI), Sergio Reuda (Co-PI), M.G. Jose (Co-PI), Dr. Alan Li (Co-PI), Lori Lucier (Co-PI), Dr. Barry Adams, Jean Bacon, Dr. Winston Husbands, Dr. Margaret Millson, Dr. N. Mittmann, Kelly O'Brien, Dr. Anita Rachlis, Dr. P. Solomon, Dr. R. Travers, Dr. M. Wilson. Employment and Health Outcomes in HIV/AIDS: A Prospective Mixed Methods Cohort Study (\$300,000 funded by the Canadian Institutes of Health Research), March 2008- February 2011.
23. Co-investigator with Dr. Cheryl Missiuna (PI), Ms C. Hecimovich (Principal Decision Maker), Ms. Nancy Pollock, Ms Diane Russell, Dr. Sheila Bennett, Ms. B. Ruttan (Decision Maker), Dr. R. Gaines, & Dr. Peter Rosenbaum. Partnering for change: Promoting health and participation of school-aged children with developmental conditions in their communities. (\$199,994 funded by the Canadian Institutes of Health Research), March 2008-February 2010.

24. Co-investigator with Dr. Ayal Schaffer (PI), Dr. Amy Cheung, Dr Paul Kurdyak, Dr. Anthony Levitt, Scott Veldhuizen (Collaborator). An Epidemiological Comparison of Bipolar Disorder and Major Depressive Disorder: Implications for Improving Diagnosis and Management (\$73,250 funded by Canadian Institutes for Health Research), March 2008-February 2010.
25. Co-investigator with Cheryl Missiuna (PI). Partnering for change: An innovative school health service delivery model to improve access to rehabilitation services for children with developmental coordination disorder. \$79,835 funded by Ontario Neurotrauma Foundation (ONF), March 2008 – April 2009.

Invited Talks

[List the topics and locations of invited talks over your current term.]

1. "DCD: long term consequences – on the importance of the activity-deficit to understanding secondary consequences in children with DCD." Mastery of Manual Skills Conference, University of Groningen and the University Medical Center Groningen, April 21st, 2012.
2. "Motor Coordination Problems, inactivity and health-Related Fitness in children: What have we learned from PHAST?" Invited lecture, School of Public Health and Health Professions, School of Exercise & Nutritional Sciences, University of Buffalo, Buffalo, New York, April 4th, 2012.
3. "Mental Health Care Use in Ontario: exploring social determinants using novel theory and statistical application. " Grand Rounds, Department of Psychiatry, McMaster University, February 29th, 2012.
4. "Developmental Coordination Disorder in Children" What's all the fuss about?" Grand Rounds, Holland Bloorview Children's Hospital, Toronto, Ontario, December 16th, 2011.
5. "Developmental Coordination Disorder and Internalizing Problems in Children: Toward a Unified Theoretical Framework." Invited lecture through the School of Sport Science, Exercise and Health, University of Western Australia, Perth, Western Australia, December 5th, 2011.
6. "Impact of childhood physical disability on the psychosocial developmental of the child and family." Invited talk (grand rounds), Department of Pediatrics, Perth Children's Hospital, Perth Western Australia, December 5th, 2011.
7. "Examining the physical and mental health status of children with Developmental Coordination Disorder " Keynote address at the 10th Motor Control and Human Skills Conference, Mandurah, Western Australia, December 1st, 2011.

8. "Intersectionality theory, recursive partitioning and the use of mental health services: new approaches to understanding the social determinants of mental health care utilization." Keynote address at the Inaugural Annual Curtin Health Innovation Research Institute (CHIRI) Conference: Innovations for Health: Translation Research into Policy and Practice, Perth, Western Australia, November 24th, 2011.
9. "Social determinants of unmet need in mental health: An application of intersectionality." Building a Healthier Ontario, Population Health Improvement Network Symposium, Toronto, Ontario, September 30th, 2011.
10. "Developmental coordination disorder, activity and physical health in children; current findings, future directions" The 9th International Conference on Developmental Coordination Disorder, Lausanne Switzerland, June 25th, 2011.
11. "A view from the top: examining the association between age and depression." Colloquium Speakers Series, Department of Psychology, University of Manitoba, January 14th, 2011.
12. "On the consequences of being clumsy: motor coordination, physical activity and health." Public Health Agency of Canada (PHAC), Centre for Chronic Disease Prevention and Control (CCDPC) Science Seminar Series, Ottawa, Ontario, Canada, November 30th, 2010.
13. "Working at the margins: a population health approach to improving access to services", Plenary Address at the 12th Annual OHTN Research Conference - Research at the Front Lines: Targeting the Complexities of HIV, Toronto, Ontario, Canada, November 15th, 2010.
14. "Different tests, same results? Old and less old approaches to measurement equivalence." Invited panel keynote speaker, "Issues and Concerns about Research in Adapted Physical Activity, special joint meeting of 39th National Adapted Physical Education Conference *Beyond the Game: Future Directions*, and the North American Federation of Adapted Physical Activity Symposium, *Issues in APA and Future Directions*, Riverside, California, USA, November 5th, 2010.
15. "Clumsiness and mental health: the link between coordination, inattention and distress in children." Open Minds Across Canada Mental Health Symposium, Hamilton ON, October 28th, 2010.
16. "Single mothers and mental health care use." Women's Mental Health: Building Networks and Research Capacity. Conference held at the Centre for Addiction and Mental Health, Department of Psychiatry, University of Toronto, Toronto, ON, Oct 1st, 2010.

17. "Motor coordination and emotional-behavioural problems in children." Children's Health Research Institute, co-sponsored by the University of Western Ontario, London ON, April 5th, 2010.
18. "Population health approaches to child health: interactions in developmental contexts." CIHR Institute of Human Development, Child and Youth Health Scientific Forum, Hamilton ON, September 15th, 2009.
19. "Social Determinants of Health in HIV/AIDS Research." Invited opening keynote speaker for the Ontario HIV/AIDS Treatment Network (OHTN) Summer Learning Institute, Toronto, Ontario, Canada, July 13th, 2009.
20. "Children with complicated lives: mental, physical and social challenges in the lives of our children." Invited Keynote speaker at the symposium entitled, "Children with Complicated Lives", Hamilton-Wentworth Catholic District School Board, May 14th, 2009.
21. "Clumsiness, cardiovascular risk and emotional- behavioral problems in children: exploring physical and mental health development in childhood and adolescence." Invited colloquium speaker, Merrill Palmer Skillman Institute, Wayne State University, Detroit, Michigan, USA, March 13th, 2009.
22. "On lifecourse theory and negative transitions in later life." Invited speaker (and discussant) for conference on the Lifecourse Perspective as a Policy Lens, sponsored by the Human Resources and Social Development Canada, Ottawa, Ontario, Canada, January 30th, 2009.
23. "Why Johnny can't tie his shoes is only the tip of the iceberg: the co-occurrence of clumsiness, physical and mental health problems in children." Department of Psychiatry and Behavioural Neurosciences Grand Rounds, McMaster University, Hamilton, Ontario, Canada, February 11th, 2009.
24. "Using national data sets: McMaster experiences." Invited speaker for the McMaster Child Health Research Institute Forum on Secondary Data Analysis in Child Health, McMaster University, November 27th, 2008.
25. "Why are we so stressed out?" Invited talk at the Café scientifique series, sponsored by Mount Sinai Hospital, the Ontario Science Centre and the Canadian Institutes for Health Research, Duke of York, Toronto, Ontario, Canada, November 5th, 2008.
26. "Social Determinants of Health as a Social Justice Framework for HIV Research." Ontario HIV/AIDS Treatment Network (OHTN) Summer Learning Institute, Toronto, Ontario, Canada, July 11th, 2008.
27. "From Population Health to Population Health Promotion: Health Promotion as a Clinical Skill in Working with Clients with Mental Health and/or Substance Use Problems." One-day seminar presented at Eastern Ontario

Summer Institute in Mental Health and Addiction, Kingston, Ontario, Canada, June 13th, 2008.

28. (With S. Veldhuizen) "Unmet" need for mental health services: What can epidemiological surveys tell us?" Invited presentation at the International Symposium of Needs Assessment and Needs-based Planning for Substance Use Services and Supports, Toronto, Ontario, Canada, June 9th, 2008.
29. "Population Mental Health: Past, Present and Future." Psychiatry Grand Rounds at the Centre for Addiction and Mental Health, Toronto, Ontario, Canada, March 28th, 2008.
30. "Pursuing Research Excellence at the Centre for Addiction and Mental Health." Invited guest speaker at "Unmasking Queen Street", a fundraising event held by the Centre for Addiction and Mental Health Foundation, February 27th, 2008

External Affiliations

[List academic affiliations outside of the University that you are involved with.]

2012-present	<i>Scientific Advisory Board Member</i> , Start2Finish, Empower Kids for Life
2010-present	<i>Expert Member</i> , Forum for Early Child Development Monitoring (Chair: Dr. Clyde Hertzman)
2010	<i>Invited Member</i> , Primary Health Care System (PHCS) Program Management Committee
2009-present	<i>Chair</i> , Psychosocial, Sociocultural and Behavioural Determinants of Health Review Committee - B, Canadian Institute for Health Research (CIHR)
2009-present	<i>Co-leader</i> (with Paul Kurdyak), Mental Health Program, Institute for Clinical and Evaluative Sciences, Toronto, ON
2009-present	<i>President (elect)</i> , Canadian Academy of Psychiatric Epidemiology
2008, 2009	<i>Scientific Officer (invited)</i> , Psychosocial, Sociocultural and Behavioural Determinants of Health Review Panel, Canadian Institute for Health Research (CIHR)
2008	<i>Expert Panel Member (invited)</i> , Population Health Factors and their Link to Leading Diseases and Physician Requirements, Organized by Health Force Ontario, Ministry of Health and Long-

term Care, the Economic Conference Board of Canada, June 23rd & 24th, 2008.

- 2008-2009 *Executive Committee Member (Secretary), Canadian Academy of Psychiatric Epidemiology*
- 2007 *Technical Expert Panel Member (invited) on Gender and Depression, Project for an Ontario Women's Health Evidence-Based Report Card (POWER)*
- 2008-present *Member, Ontario HIV Treatment Network Cohort Study Scientific Steering Committee*
- 2008-present *Chair, Social and Behavioural Research Working Group, Ontario HIV Treatment Network (OHTN) Cohort Study*
- 2008-09 (since 01) *Committee Member, Psychosocial, Sociocultural and Behavioural Determinants of Health Review Panel, Canadian Institute for Health Research (CIHR)*

Attachments

Media:

- Interviewed for *CTV National News*, Avis Favaro (reporter), Aired on Saturday Evening News, 11:30pm, October 11th, 2008. Topic: Canadian researchers probe 'clumsy child' syndrome
- Interviewed for Globe and Mail Story, "Why Johnny Can't tie his shoes: What you think is clumsiness could a serious condition called DCD" (Tralee Pearce, reporter), *Globe and Mail*, September 23rd, 2008.
- Interviewed live on *John Biggs Show*, Talk 820. Hamilton, September 12th, 2008. Topic: New Professorship in Child Health
- Interviewed for Hamilton Spectator Story, "Research post helps the young" (Jackson Hayes, reporter). September 11th, 2008.
- Interviewed for McMaster Daily News (Laura Thompson, reporter), 'Playground disorder' no more: developmental coordination disorder comes with increased risk of childhood obesity. June 28th, 2010.
- Interviewed for Hamilton Spectator (Carmelina Petrie, reporter), 'These kids struggle' Lack of co-ordination raises risk of obesity: study. June 29th, 2010.

- Interviewed for Hamilton Spectator (Denise Davy, reporter), 'Clumsy' syndrome kids often troubled. October 29th, 2010.
- Interviewed for Hamilton Spectator (Joanna Frketich, reporter), 'Mental illness more disabling than cancer: McMaster study'. October 11th, 2012.