

OE II Health Sciences Centre - Psychology

Research, Educational and Professional Activities: 2012-2013

Grants

Cane, D., McCarthy, M., McSwaine, K., Dupuis-Lake, M., Roy, A., Trenholm, J. Pain and intimacy education program. Funded by Nova Scotia Department of Health (\$3,500).

Fisk, J.D. endMS Regional Research and Training Centre. MS Society of Canada, endMS Research and Training Network Grant, March 1, 2012 – Feb. 28, 2015,

Graham, A. R., Sherry, D.L., & Sherry, S.B. Testing the perfectionism model of binge eating in parent-daughter dyads: An experience sampling study of an at-risk sample. Capital Health Research Fund, \$5,000, 2011-2012.

Howes, J.L. (Lead) & Supportive Care Cancer Site Team. Improvement Project: Roles and Training of Volunteers in Cancer Care in N.S. Cancer Care Nova Scotia (\$5,000)

Marrie, R.A., Fisk, J.D., Tremlett, H., Warren, S. CIHR Team in the Epidemiology and Impact of Comorbidity on MS in Canada (ECoMS). CIHR – Emerging Team Grant: Co-morbidity of brain disorders and other health problems. \$1,349,773, April, 2010 – Sept. 2014.

Robertson, H.A., Andreou, P., Fisk, J.D., Good, K., Khan, M.N, Leslie, R.A., Phillips, G.E., Rockwood, K., Rolheiser, T., Rusak, B. Early and preclinical diagnosis of Parkinson's disease using olfactory testing and Diffusion Tensor Imaging of olfactory bulb and substantia nigra. CIHR operating grant, 2012-2017. \$599,760.

Rockwood, K., Andrews, M., Mitnitski, A., Nazroo, J., Fisk, J.D. Epidemiology of cognitive dynamics in older adults. CIHR operating grant, \$731,385, April 2010 - March 2015.

Sherry, D. L., & Sherry, S. B. Researching stress and mental health in Nova Scotians. Human Resources and Skills Development Canada: Canada Summer Jobs, \$1,420, 2012.

Sherry, S.B., Antony, M.M., Stewart, S.H., & Sherry, D.L. Perfectionism, conflict, stress, and depression: Testing an integrative biopsychosocial model in a high risk sample. Nova Scotia Health Research Foundation Health Research Grant, \$150,000, 2010-2013.

Sherry, S.B., & Sherry, D.L. Perfectionistic concerns, social problems, and depressive feelings in romantic couples. Dalhousie University Research Development Fund for the Humanities and Social Sciences, \$3,500, 2010-2012.

Vallis, T.M., Cox, J., O'Neil, B. & Carr, B. "ANCHOR Follow-Up: Minimal Interventions to Support Behaviour Change (2009 – 2012)." Pfizer Canada Unrestricted Research Grant: \$414,720.

Vallis, T.M. Bridging the Divide: Improving Psychosocial Management of Atlantic Canadians with Diabetes. (2011 – 2012) Public Health Agency of Canada: \$64,365.

Unfunded Research Projects

Omisade, A., and Rahey S. Neuropsychological Outcomes of Extra-temporal Epilepsy Surgery: Literature Review and Case Reports.

Invited Presentations (Clinical/Academic)

Carter, S. L. “Cognitive screening and memory assessment in older adults.” Guest lecture, Mount Saint Vincent University Family Studies/Gerontology and Psychology course (FSGN/PSYC 2220 Adult Development and Aging), October 29, 2013.

Carter, S. & Hutchings, V. “Therapy with older adults” (guest lecture), Dalhousie University Clinical Psychology Program (2nd year, PSYO 6204.03 Psychological Interventions: A Lifespan Perspective) March 19, 2013.

Fisk, J.D. “MS Prevalence, Comorbidities and Impact on Quality of Life: Recent findings from the CIHR Team in the Epidemiology and Impact of Comorbidity on Multiple Sclerosis (ECoMS)” Guest speaker at the Atlantic MS Literature Review Program 2013 (sponsored by EMD Serono), July 12, 2013, Charlottetown, PEI.

Fisk, J.D. “From populations to pixels: MS research and the endMS Network” Brain Repair Centre Research Day, December 13, 2012, Life Sciences Research Institute, Dalhousie University.

Fisk, J.D. “Neuropsychology of MS: cognitive dysfunction and its impact” (guest lecture), Dalhousie University Clinical Psychology Program (2nd year, Clinical Neuropsychology class; PSYO 6208), March 28, 2013.

Haugrud, N. “Verbal fluency changes in healthy aging and dementia.” Geriatric Academic Rounds, November 7, 2012, Capital Health, Halifax, Nova Scotia.

Hutchings, V. “Interviewing older adults” (guest lecture), Dalhousie University Clinical Psychology Program (1st year, Interviewing class) March 26, 2013.

Omisade, A. “Localization and Lateralization in Epilepsy: Old and New Approaches to Assessment.” (guest lecture), Dalhousie University Clinical Psychology Program (2nd year, Clinical Neuropsychology class; PSYO 6208), January 17, 2013.

Omisade, A. “Epilepsy and Dementia: Causes and Correlations.” (guest lecture) Acadia University, 4th year Neuroscience course: “Neurodegenerative Disorders”, April 5, 2013.

Patry, B. “Neuropsychological assessment post-TBI: Case of Mr. Luke” (guest lecture), Dalhousie University Clinical Psychology Program (2nd year, Clinical Neuropsychology class; PSYO 6208),

April 4, 2013.

Community/Media Presentations and Public Lectures

Fisk, J.D. “Navigating MS” an Education Session of the MS Society of Canada, Atlantic Division, November 22, 2012, Ramada Hotel, Dartmouth, N.S.

Hutchings, V. “Sharing the Journey of Dementia” Staying Healthy in Mid-Life and Beyond Health Information Session Presented by the HEALTH (Helping Elderly Adults Live Their Healthiest) Committee, QEII Centre for Health Care of the Elderly, June 24, 2013. Royal Bank Theatre, QEII Health Sciences Centre.

Hutchings, V. “Let’s Talk about Living Well with Dementia” Facilitator for the 3rd Annual Forum for People with Early Stage Dementia, hosted by Alzheimer Society of Nova Scotia & Capital Health, April 27th, 2013.

Hutchings, V. Global Morning News interview April 24, 2013(6:45 a.m.) “Living in the early stages of Alzheimer’s disease; a forum to learn and share from one another.”
(<http://globalnews.ca/video/506500/early-treatment-for-dementia>)

Sabourin, B., “ABZ’s of Sleep Hygiene”. Half day continuation education workshop for Dental Hygienists presented as part of The Dental Hygiene 50th Anniversary Celebration, April 27, 2013.

Sabourin, B. Participant in a roundtable discussion (i.e. careers in psychology) for the Capital Health High School Co-op Student Program. May 7, 2013. Bethune Building, Capital Health.

Professional/Research/Voluntary organization - Administration and Scientific Review

Al-Mosawie, A.

Member, IWK Family Leadership Council
Co-chair, 4-South IWK Partners in Care Committee

Angelopoulos, M.

Archivist, Association of Psychologists of Nova Scotia
Member, Psychologists in Hospitals Section, Canadian Psychological Association

Butler, G.S.

Member, Internal Review Committee, NS Board of Examiners in Psychology.
Auditor, Association of Psychologists of Nova Scotia

Carter, S.L.

Member, QEII Acquired Brain Injury Inpatient Working Group
Member, Planning Committee, Dalhousie University CME Atlantic Canada Stroke Conference
Member, NSBEP Continuing Competence Program Committee

Member, Division 22 Continuing Education committee, American Psychological Association (APA)
Peer reviewer, APA Annual Convention Division 22 (Rehabilitation) Program
Peer review of manuscripts submitted to: Canadian Journal of Neurological Sciences (1), Journal of Neurology, Neurosurgery, and Psychiatry (2)

DeFreitas, V.G.

Member, QEII Acquired Brain Injury Inpatient Working Group
Member, QEII Acquired Brain Injury Outpatient Working Group
Committee Member, QEII ABI Inpatient Support Fund

Fisk, J.D.

Director, endMS Atlantic Regional Research and Training Centre
Member, Steering Committee, endMS Research and Training Network
Member, endMS 2013 Scientific Program Conference Planning Committee
Member, endMS Education and Training Committee
Member, Technical Advisory Subcommittee, Canadian Institute for Health Information Canadian Multiple Sclerosis Monitoring System.
External grant reviewer, The Netherlands Organisation for Health Research and Development (ZonMw), Rational Pharmacotherapy 2013.
External grant reviewer, Dalhousie University Department of Psychiatry Research Fund, Fall 2012 competition.
Peer review of manuscripts submitted to scientific journals: Alzheimer's Research and Therapy, Canadian Journal of Neurological Sciences, Canadian Journal of Diabetes, Journal of Neuroscience Methods, Multiple Sclerosis Journal (2), Neuropsychology.

Howes, J.L.

Chair, Supportive Care Site Team, Cancer Care Nova Scotia.
Psychosocial Oncology Clinical Leader, Cancer Care Nova Scotia
Member, Patient-Reported Outcomes, Steering Committee, Canadian Partnership Against Cancer
Member, National Screening for Distress Implementation Group, CPAC
Member, Post-Trauma Services Committee, APNS
Member, Nova Scotia Board of Examiners in Psychology

Hutchings V.

Member, Early-Career Psychologist Committee, APNS

Nash, A.

Youth Liaison Worker/Project coordinator for Atlantic Provinces & member of the Advisory team for Health Canada Grant to the Schizophrenia Society of Canada: "Understanding the link between cannabis use and psychosis: Developing an awareness strategy for youth at risk."

Omisade, A.

Member, Steering Committee, 3d Halifax International Epilepsy Conference
Member, Scholarship and Program Evaluation Committee, Epilepsy Association of Nova Scotia
Member, Board of Directors, Epilepsy Association of Nova Scotia

Patry, B.

Member, QEII Acquired Brain Injury Ambulatory Care Working Group

Vallis, T.M.

Queen Elizabeth II Diamond Jubilee Medal, Awarded February 5, 2013 by the Canadian Diabetes Association for outstanding contribution to the diabetes community in Canada.

Associate Editor, Canadian Journal of Diabetes

Member, Expert Panel for the development of the 2013 Clinical Practice Guidelines for the Canadian Diabetes Association.

Member, Steering Committee for Obesity Canada's 2013 Clinical Practice Guidelines for the Management of Obesity

Reviewer, CIHR China-Canada Joint Health Research Initiative – Grants Program – E Committee

Peer review of manuscripts submitted to scientific journals: Canadian Journal of Diabetes; Appetite; Clinical Obesity.

Publications In Peer-Reviewed Scientific Journals

1. Bogod, N.M., Sinden, M., Woo, C., DeFreitas, V.G., Torres, I.J., Howard, A.K., et al. Long-term neuropsychological safety of Cg25 deep brain stimulation for treatment-resistant depression. The Journal of Neuropsychiatric and Clinical Neurosciences, (in press).
2. Cane D., Neilson W.R., McCarthy M., Mazmanian D. Pain-related activity patterns: measurement, interrelationships and associations with psychological functioning. Clinical Journal of Pain, 2013 May;29(5):435-42
3. Evans, C., Beland, S-G., Kulaga, S., Wolfson, C., Kingwell, E., Marriott, J., Koch, M., Makhani, N., Morrow, S., Fisk, J.D., Dykeman, J., Jetté, N., Pringsheim, T., Marrie, R.A. Incidence and prevalence of multiple sclerosis in the Americas: a systematic review. Neuroepidemiology, 2013;40:195-210.
4. Ingles, J.L., Fisk, J.D., Fleetwood, I., Burrell, S., Darvesh, S. Dissociations in writing: A neuropsychological study of dysgraphia. Cognitive and Behavioral Neurology, (in press).
5. Ishigami, Y., Fisk, J.D., Wojtowicz, M., Klein, R. Repeated measurement of the attention components of patients with multiple sclerosis using the Attention Network Test - Interaction (ANT-I): Stability, isolability, robustness, and reliability. Journal of Neuroscience Methods 2013;291(1):1-9. Epub ahead of print, March 7, 2013 (doi:10.1016/j.jneumeth.2013.02.013)
6. Makhani, N., Morrow, S., Fisk, J.D., Evans, C., Beland, S.G., Kulaga, S., Kingwell, E., Marriott, J., Dykeman, J., Jette, N., Pringsheim, T.M., Wolfson, C., Marrie, R.A. and Koch, M. Trends in MS incidence and prevalence in Africa, Asia, Australia and New Zealand: a systematic review. Multiple Sclerosis and Related Disorders, (in press).
7. Marrie, R.A., Bo, N.Y., Leung, S., Elliott, L., Caetano, P. Warren, S., Wolfson, C., Patten, S., Svenson, L., Tremlett, H., Fisk, J.D., Blanchard, J. Prevalence and incidence of ischemic heart

- disease in multiple sclerosis. Multiple Sclerosis & Related Disorders, (in press) Epub ahead of print April 4, 2013. (DOI: 10.1016/j.msard.2013.03.001)
8. Marrie, R.A., Fisk, J.D., Stadnyk, K., Yu, B., Tremlett, H., Wolfson, C., Warren, S., Bhan, V. The Incidence and prevalence of multiple sclerosis in Nova Scotia, Canada. Canadian Journal of Neurological Sciences, (in press).
 9. Marrie, R.A., Fisk, J.D., Bo, N.Y., Leung, S., Elliott, L., Caetano, P. Warren, S., Evans, C., Wolfson, C., Svenson, L.W., Tremlett, H., Blanchard, J., Patten, S.B. for the CIHR Team in the Epidemiology and Impact of Comorbidity on Multiple Sclerosis Mental comorbidity and multiple sclerosis: validating administrative data to support population-based surveillance. BMC Neurology, 2013;13(1):16.
 10. Marrie, R.A., Bo, N.Y., Leung, S., Elliott, L., Warren, S., Wolfson, C., Tremlett, H., Fisk, J.D., Blanchard, J. The incidence and prevalence of thyroid disease do not differ in the MS and general populations: a validation study using administrative data. Neuroepidemiology, 2012;39:135–142.
 11. Marrie, R.A., Bo, N.Y., Leung, S., Elliott, L., Caetano, P. Warren, S., Wolfson, C., Patten, S.B., Svenson, L.W., Tremlett, H., Fisk, J.D., Blanchard, J., for the CIHR Team in the Epidemiology and Impact of Comorbidity on Multiple Sclerosis. The utility of administrative data for surveillance of comorbidity in multiple sclerosis: a validation study. Neuroepidemiology, 2012;40(2):85-92.
 12. Mazerolle, E.L., Wojtowicz, M.A., Omisade, A., Fisk, J.D. Intra-individual variability in information processing speed reflects multiple sclerosis-related microstructural changes in white matter. NeuroImage Clinical, 2013; 2:894-902.
 13. Mushquash A.R., Stewart S.H., Sherry S.B., Sherry D.L., Mushquash C.J., Mackinnon A.L. Depressive symptoms are a vulnerability factor for heavy episodic drinking: a short-term, four-wave longitudinal study of undergraduate women. Addictive Behaviors. 2013;38(5):2180-6.
 14. Mushquash A.R., Stewart S.H., Sherry S.B., Mackinnon S.P., Antony M.M., Sherry D.L. Heavy episodic drinking among dating partners: a longitudinal actor-partner interdependence model. Psychology of Addictive Behaviors. 2013;27(1):178-83.
 15. Nicolucci A., Kovacs Burns K., Holt R.I., Comaschi M., Hermanns N., Ishii H., Kokoszka A., Pouwer F., Skovlund S.E., Stuckey H., Tarkun I., Vallis M., Wens J., Peyrot M.; DAWN2 Study Group. Diabetes attitudes, wishes and needs second study (DAWN2™): Cross-national benchmarking of diabetes-related psychosocial outcomes for people with diabetes. Diabetes Medicine. 2013 Jul;30(7):767-77.
 16. Omisade, A., Rigby, H., Phillips, S., Carter, S.L. Longitudinal Neuropsychological Findings in Amyloid Beta-Related Angiitis (ABRA): A case report. The Clinical Neuropsychologist 2013;27(2):300-12.

17. Sabourin, B.C., Pursley, S. Psychosocial issues in diabetes self-management: Strategies for health care providers. Canadian Journal of Diabetes, 2013;37:36-40.
18. Sherry, S.B., Hewitt, P.L., Stewart, S.H., MacKinnon, A.L., Mushquash, A.R., Flett, G.L., Sherry, D.L. Social disconnection and hazardous drinking mediate the link between perfectionistic attitudes and depressive symptoms. Journal of Psychopathology and Behavioral Assessment. Available online in advance of publication (DOI: 10.1007/s10862-012-9291-8).
19. Vallis, M., Piccinini-Vallis, H., Sharma, A., and Freedhoff, Y. Clinical Review: A modified 5 A's minimal intervention for obesity counseling in primary care. Canadian Family Physician, 2013;59(1):27-31.
20. Vallis, M., Piccinini-Vallis, H., Sharma, A., and Freedhoff, Y. Response (to Plourde) Canadian Family Physician 2013;59(4): 353-354.
21. Wojtowicz, M., Omisade, A., Fisk, J.D. Indices of cognitive dysfunction in Relapsing-Remitting Multiple Sclerosis: Intra-individual variability, processing speed and attention network efficiency. Journal of the International Neuropsychological Society, 2013;19:551–558.

Book Chapters and Invited Publications

Hanly, J.G., Omisade, A. and Fisk, J.D. Psychopathology, Neurodiagnostic testing and Imaging. In: Dubois' Lupus Erythematosus, 8th Edition, D.J. Wallace and B.H. Hahn (eds.), 2013, Elsevier Saunders, Philadelphia, 382-392.

Presentations at Scientific Meetings

1. Carter, S. L., Gale, R., & Gubitza, G. Down the rabbit hole: Neuropsychological findings in a case of Alice-in-Wonderland syndrome. Poster presented at the Mid-Year International Neuropsychological Society meeting, Amsterdam, NL, July 2013.
2. Carter, S. L., & DeFreitas, V. Common forms of vascular cognitive impairment in a Canadian inpatient stroke rehabilitation sample. Poster presented at Canadian Stroke Congress, Montreal, October 18, 2013.
3. Cane D. & McCarthy M.E. The Relationship Between Avoidance, Pacing, and Treatment Outcomes in Chronic Pain Patients. Poster presented at the Canadian Pain Society Annual Meeting, Winnipeg MB., May 2013.
4. Cane D. & Clark A.J. Patterns of Activity as Predictors of Treatment Outcomes and Treatment Effects Following a Group Pain Self-Management Program. Poster presented at the Canadian Pain Society Annual Meeting, Winnipeg MB., May 2013.

5. Haugrud, N., Crossley, M., O'Connell, M., & Morgan, D. Individuals diagnosed with preclinical and early stage Alzheimer's disease produce fewer low frequency words on a semantic verbal fluency task. Poster presented at the 41st Annual Meeting of the International Neuropsychological Society, Waikaloa, Hawaii, February 9, 2013.
6. Howes, J.L., Moffatt, H., Ellsworth, G., Cook, S., Wilson, K. & Arab, M.A. Survey of Volunteer Roles in Person-Centred Cancer Care in Nova Scotia. Poster presented at Canadian Association of Psychosocial Oncology Conference, Ottawa, Ontario, April, 2013. .
7. Marrie, R.A., Yu, N., Leung, S., Elliott, L., Caetano, P., Warren, S., Wolfson, C., Patten, S., Svenson, L., Fisk, J.D., Blanchard, J., Tremlett, H. on behalf of the CIHR Team in the Epidemiology and Impact of Comorbidity on MS. Temporal trends in the prevalence of co-morbidity in MS. Poster presented at the 28th Congress of the European Committee for Treatment and Research in Multiple Sclerosis, Lyon, France, October 12, 2012.
8. Mazerolle, E.L., Wojtowicz, M.A., Omisade, A., & Fisk, J.D. Microstructural correlates of information processing in relapsing-remitting multiple sclerosis: A tract-based spatial statistics study of the computerized test of information processing. Poster presented at the Society for Neuroscience Annual Meeting: Neuroscience 2012, New Orleans LA, October 17, 2012.
9. Sabourin, B.C., Stewart, S.H., & Watt, M.C. Fear of fear influences physical exercise levels in young adult women. Poster presented at the 3rd annual Canadian Obesity Summit, Vancouver, British Columbia, May 1-4, 2013.
10. Wojtowicz, M., Mazerolle, E., & Fisk, J. D. Resting state connectivity in the default mode network is related to performance variability in multiple sclerosis. Poster presented at the 3rd Biennial Conference on Resting State Brain Connectivity, Magdeburg, Germany, September 1-5, 2012. Brain Connectivity. 2012, 2(4): A46 doi:10.1089/brain.2012.1500.
11. Wojtowicz, M.A., Mazerolle, E.L., & Fisk, J. D. Alterations in functional connectivity and performance variability in multiple sclerosis. Platform presentation at the Manitoba-Ontario endMS RRTC/University of Toronto 4th Annual Neuroinflammation Symposium and Retreat. King City, Ont. April 18-19, 2013.