Peer Reviewed Publications


Sharma, V., & Thomson, M. (2017). Between a Rock-a-bye and a Hard Place: Mood Disorders During the Perinatal Period. *CNS Spectrums, 22*(S1), 49-64.


Taylor, R., Osuch, E.A., Schaefe, B., Rajakumar, N., Neufeld, R.W., Théberge, J., & Williamson, P.C. Neurometabolic abnormalities in schizophrenia and depression observed with magnetic resonance spectroscopy at 7 T. BJ Psychiatry Open, 3(1), 6-11.


Books and Book Chapters


Manuals and Guidelines


Letters


Conference Presentations


**Burhan, A.M.** (2017). *Role of Brain Imaging in the Diagnosis and Therapeutics of Neurocognitive Disorders*. Presented at the Society of Biological Psychiatry annual meeting, San Diego, CA, USA.


Corring, D. (2017). We Know What Subjects of CTOs Think of Them: Can We Accentuate the Positives and Attenuate the Negatives? Presented at the International Academy of Law and Mental Health Conference, Prague, Czech Republic.


O’Reilly, R.L., & Vingilis, E. (2017). *Are Randomized Control Trials the Best Method to Assess the Effectiveness of Community Treatment Orders?* Presented at the 35th International Congress on Law and Mental Health, Prague, Czech Republic.


Ross, E., Barnett, R., & Vasudev, K. (2017). *Can We Improve Physical Health Monitoring for Patients Taking Antipsychotics on a Mental Health Inpatient Unit?* Poster presented at the Canadian Psychiatric Association Annual Conference, Ottawa, ON, Canada.


Sharma, V., & Thomson, M. (2017). *Between a Rock-a-by and a Hard place: Mood Disorders During the Perinatal Period*. Presented at the Neuroscience Education Institute Congress, Colorado Springs, CO, USA.


Sukhera, J. (2018). *Addressing the Wellness Mission through Implicit Bias Recognition and Management workshop*. Presented at the Association of American Medical Colleges Council on Faculty and Academic Societies Spring Conference, Chicago, IL, USA.
Sukhera, J. (2018). *What’s Your Bias: How Feedback about Implicit Bias Can Improve Humanistic Faculty Development workshop*. Presented at the Arnold P. Gold Foundation Mapping the Landscape Research Symposium, Chicago, IL, USA.


External Grant Funding


Bartha, R. Magnetic resonance chemical exchange saturation transfer imaging of physiological parameters. Natural Sciences and Engineering Research Council of Canada, Discovery Grant, $205,000.00, 2013-2018.


Evans, A., & Menon, R.S. Canadian open neuroscience platform. Brain Canada Foundation. $10,000,000.00, 2017-2020.

Evans, A., Menon, R.S., & Group. CBRAIN: A national platform for brain research. CFI Cyberinfrastructure Fund, Group Grant. $4,500,000.00, 2016-2019.


Khan, A., Menon, R.S., Köhler, S., Johnsrude, I., Misattari, S., & Rosenbaum, S. Probing hippocampal integrity with ultra-high resolution MRI and behaviour in temporal lobe epilepsy. Canadian Institutes of Health Research, Project Scheme. $458,700.00, 2016-2021.


Lyketsos, C., Porsteinsson, A., & Burhan, A.M. Escitalopram for agitation in Alzheimer’s Disease (S-CitAD). National Institute on Aging. $60,000.00 USD, 2017-2023.


Menon, R.S. Canada research chair in functional and molecular imaging (950-202542). Canada Research Chair. $1,400,000.00, 2012-2019.

Menon, R.S. Radio frequency coil design for ultra high field MRI. Natural Sciences and Engineering Research Council of Canada, Discovery Grant. $305,000.00, 2012-2017.

Menon, R.S. Ultra-high field Magnetic Resonance Imaging of brain structure and function in Multiple Sclerosis. Canadian Institutes of Health Research, Foundation Scheme Grant. $2,580,142.00, 2016-2023.


Mitchell, D. Amplifying empathy-related brain activity in youth with callous and unemotional traits. The Ontario Mental Health Foundation, Type A Grant. $110,284, 2016-2018.


Montero-Odasso, M.M., Bartha, R., Borrie, M., Hachinski, V., Hunter, S., & Speechley, M. Gait as a clinical marker to predict progression to dementia syndromes in MCI. Canadian Institutes of Health Research, Project Grant. $967,725.00, 2017-2022.

Osuch, E., Neufeld, R.W.J., Théberge, J., & Williamson, P. Brain imaging to distinguish Bipolar from MDD in depressed youth. Canadian Institutes of Health Research, Bridge Grant. $100,000.00, 2017-2018.


Palaniyappan, L., Gupta, M., Théberge, J., Khan, A.R., Menon, R.S., Neufeld, R.W., & Williamson, P.C. Myelin mapping and negative symptoms of schizophrenia. Canadian Institutes of Health Research. $566,100.00, 2017-2022.


Rajakumar, N. Neurobiological mechanisms underlying behavioral flexibility: From molecular signalling to brain circuits. Natural Sciences and Engineering Research Council, Discovery Grant. $140,000.00, 2018-2023.

Rajji, T.K., Burhan, A.M., & Kumar, S. Standardizing care for neuropsychiatric symptoms and quality of life in dementia (StaN). Brain Canada & Centre for Aging and Brain Health Innovation. $1,519,880.00, 2018-2020.


Williamson, P.C., Manchanda, R., Menon, R., Neufeld, R., Osuch, E., Pavlosky, W., Rajakumar, N., & Théberge, J. Candidate neuronal circuits in schizophrenia. Canadian Institutes of Health Research. $813,731, 2012-2018.


Internal Grant Funding


Anderson, K., Osuch, E., MacDougall, A., & Kurdyak, P. Cost-consequence analysis of the First Episode Mood & Anxiety Program. Department of Psychiatry, University of Western Ontario. $7,467, 2016-2018.


Gupta, M., & Palaniyappan, L. *When the voices won’t go away: A novel psychological intervention for auditory hallucinations.* Western University, Department of Psychiatry Seed Funding Competition. $5,000.00, 2018.

Hargraves, H., Frewen P., Lanius, R., & Leschied, A. *RCT of mindfulness meditation for PTSD symptoms with vs without neurofeedback augmentation.* Western University, Department of Psychiatry Seed Grant. $5,000, 2015-2017.


Mak, M., Links, P., Calvin, J., Wetmore, S., Licskai, C., Sibbald, S., & Valiquette, S. *Chronic diseases management initiative.* Western University. $166,000, 2016-2018.


**Palaniyappan, L.** *Pathophysiology of thought disorder in psychosis (TOPSY).* Academic Medical Organization of Southwestern Ontario, Opportunity Fund. $146,250.00, 2016-2019.

**Palaniyappan, L.** *Thought disorder and outcomes in psychosis.* Western University, Department of Psychiatry, FMC Discretionary Fund. $48,000, 2016-2019.

**Palaniyappan, L., & Li. T.** *Longitudinal neuroimaging in schizophrenia.* Western University, Kilborn Visiting Research Fund. $10,000.00, 2017-2019.

**Palaniyappan, L., St. Lawrence, K., Théberge, J., Finger, E., Burhan, A., Sharma, V., & Poolacherla, R.** *Inflammation-related excitotoxicity in neuropsychiatric disorders.* Lawson Health Research Institute, Strategic Research Fund. $49,800.00, 2016-2018.

**Rajakumar, N., & Allman, B.L.** *Growing new dendritic spines to correct cognitive deficits of schizophrenia.* Western University, BrainsCAN Internal Funding Program. $79,000, 2017-2018.

**Reiss, J., Links, P.S., Frewen, P., & Heisel, M.J.** *Permission to Contact (PTC): Piloting an innovative approach to participant recruitment within the London hospitals mental health programs.* Western University, Department of Psychiatry Seed Funding Grant. $15,000, 2014-2016, study extended to 2018.


### Industry Funded Grants

**Palaniyappan, L.** *Generation of educational tools using measurement based care.* Janssen Inc. $21,000.00, 2017-2018.

**Palaniyappan, L.** *Generation of educational tools using measurement-based care.* Otsuka/Lundbeck Canada. $21,000.00, 2017-2018.

Sharma, V. A three-arm, parallel group, multicenter, double-blind, randomized controlled trial evaluating the impact of GeneSight Psychotropic and Enhanced-GeneSight Psychotropic, on response to psychotropic treatment in outpatients suffering from a Major Depressive Disorder (MDD) and having had – with the current episode – an inadequate response to at least one psychotropic medication included in GeneSight Psychotropic. Assurex Health. $11,670, 2016-2017.