

## Research Report

Department of Psychiatry  
July 1, 2017 – June 30, 2018

### Peer Reviewed Publications

Albatany, M., Li, A., Meakin, S., & **Bartha, R.** (2018). Dichloroacetate induced intracellular acidification in glioblastoma: In-vivo detection using AACID-CEST MRI at 9.4 Tesla. *Journal of Neuro-Oncology*, 136(2), 255-262. DOI: 10.1007/s11060-017-2664-9.

Albatany M., Li, A., Meakin, S., & **Bartha, R.** (2018). In vivo detection of acute intracellular acidification in glioblastoma multiforme following a single dose of cariporide. *Journal of Clinical Oncology*, Epub ahead of print. DOI: 10.1007/s10147-018-1289-0.

Amiri, A., Kapral M.K., Thrift, A.G., Sposato, L.A., Saber, H., Behrouz, R., Erfanian, M., Farzadfard, M.T., **Mokhber, N.**, & Azarpazhooh, M.R. (2017). The incidence and characteristics of stroke in urban-dwelling Iranian women. *Journal of Stroke and Cerebrovascular Diseases*, 27(3), 547-554.

Amtul, Z., Yang, J., Nikolova, S., Lee, T.Y., **Barth, R.**, & Cechetto, D.F. (2018). The dynamics of impaired blood-brain barrier restoration in a rat model of co-morbid injury. *Molecular Neurobiology*, 55(10), 8071-8083. DOI: 10.1007/s12035-018-0904-4.

**Anderson, K.K.**, McKenzie, K.J., & Kurdyak, P. (2017). Examining the impact of migrant status on ethnic differences in mental health service use preceding a first diagnosis of schizophrenia. *Social Psychiatry and Psychiatric Epidemiology*, 52(8), 949-961.

**Anderson, K.K., Norman, R., MacDougall, A., Edwards, J., Palaniyappan, L.**, Lau, C., & Kurdyak, P. (2018). Disparities in access to early psychosis intervention services: Comparison of service users and nonusers in health administrative data. *The Canadian Journal of Psychiatry*, 63(6), 395-403. DOI: 10.1177/0706743718762101.

**Anderson, K.K., Norman, R., MacDougall, A., Edwards, J., Palaniyappan, L.**, Lau, C., & Kurdyak, P. (2018). Effectiveness of early psychosis intervention: A comparison of service users and nonusers in population-based health administrative data. *American Journal of Psychiatry*, 175(5), 443-452.

Anhoj, S., Odegaard Nielsen, M., Jensen, M.H., Ford, K., Fagerlund, B., **Williamson, P.**, Glenthøj, B., & Rostrup, E. Alterations of intrinsic connectivity networks in antipsychotic-naïve first-episode schizophrenia. *Schizophrenia Bulletin*, Epub ahead of print. DOI: 1093/schbul/sbx171.

**Arcaro, J.**, Trembley, P.F., Summerhurst, C., **Wammes, M.**, Dash, P., & **Osuch, E.** (In press). Emerging adults' evaluation of their treatment in an outpatient mood and anxiety disorders program. *Emerging Adulthood*.

**Armstrong, S., Wammes, M.,** Hostland, A., Summerhurst, C., & **Osuch, E.** (In press). Expectations vs. reality: The expectations and experiences of psychiatric treatment reported by young adults at a mood and anxiety outpatient mental health program. *Early Intervention in Psychiatry*.

Attaran, A., Handler, W.B., **Menon, R.S.,** & Chronik, B.A. (2017). Magnetic field probes for time-domain monitoring of RF exposure within tissue-mimicking materials for MRI-compatible medical device testing. *Electronic Letters*, 54(1), 16-18.

Attaran, A., Handler, W.B., Wawrzyn, K., **Menon, R.S.,** & Chronik, B.A. (2017). Reliable RF B/E-field probes for time-domain monitoring of EM exposure during medical device testing. *IEEE Transactions of Antennas and Propagation*, 65(9), 4815-4823.

Bagherniya, M., Khayatzadeh, S.S., Avan, A., Safarian, M., Nematy, M., Ferns, G.A., **Mokhber, N.,** & Ghayour-Mobarhan, M. (2017). Metabolic syndrome and its components are related to psychological disorders: A population-based study. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*, 11(2), S561-S566.

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Bergstra, T.G., **Gutmanis, I.,** Byrne, J., Faulds, C., Whitfield, P., McCallum, S., & Shadd, J. (2017). Urinary retention and medication utilization on a palliative care unit: A retrospective observational study. *Journal of Pain and Palliative Care Pharmacotherapy*, 31(3-4), 212-217. DOI: 10.1080/15360288.2017.1417951.

Bighelli, I., Castellazzi, M., Cipriani, A., Girlanda, F., **Guaiana, G.,** Koesters, M., Turrini, G., Furukawa, T.A., & Barbui, C. (2018). Antidepressants versus placebo for panic disorder in adults. *Cochrane Database Systematic Review*, 4, CD010676. DOI: 10.1002/14651858.CD010676.pub2.

Boyd, J., **Lanius, R.,** & McKinnon, M. (2018). Mindfulness-based treatments for post-traumatic stress disorder: A review of the treatment literature and neurobiological evidence. *Journal of Psychiatry and Neuroscience*, 43, 7-25.

Boyd, J.E., Protopopescu, A., O'Connor, C., **Neufeld, R.W.J.,** Jetly, R., Hood, H.K., **Lanius, R.A.,** & McKinnon, M. (Accepted). Dissociative symptoms mediate the relation between PTSD symptoms and functional impairment in a sample of military members, veterans, and first responders with PTSD. *European Journal of Psychotraumatology*.

Bhullar, G., **Norman, R.**, Klar, N., & **Anderson, K.K.** (2018). Untreated illness and recovery in clients of an early psychosis intervention program: A 10-year prospective cohort study. *Social Psychiatry and Psychiatric Epidemiology*, 53(2), 171-182.

Castellani, C.A., Melka, M.G., Gui, J.L., Gallo, A.J., **O'Reilly, R.L.**, & Singh, S.M. (2017). Post-zygotic genomic changes in glutamate and dopamine pathway genes may explain discordance of monozygotic twins for schizophrenia. *Clinical and Translational Medicine*, 6,43. DOI: 10.1186/s40169-017-0174-1.

Chen, S., **Anderson, K.K.**, McKenzie, K., & Kidd, S. (2017). Patient characteristics, length of stay, and functional improvement for schizophrenia spectrum disorders: A population study of inpatient care in Ontario 2005-2015. *Canadian Journal of Psychiatry*, 62(12), 854-863.

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Darroudi, S., Saberi-Karimian, M., Tayefi, M., Arekhi, S., Motamedzadeh Torghabeh, A., Seyedzadeh Sani, S.M.R., Moohebat, M., Heidari-Bakavoli, A., Ebrahimi, M., Azarpajouh, M.R., Safarian, M., A Ferns, G., Esmaeili, H., Parizadeh, M.R., **Mokhber, N.**, Mahdizadeh, A., Mahmoudi, A.A., Sahebkar, A.H., & Ghayour-Mobarhan, M. (2018). Prevalence of combined and noncombined dyslipidemia in an Iranian population. *Journal of Clinical Laboratory Analysis*, 32(8), e22579. DOI: 10.1002/jcla.22579.

**Das, T.**, Borgwardt, S., Hauke, D.J., Harrisberger, F., Lang, U.E., Riecher-Rössler, A., **Palaniyappan, L.**, & Schmidt, A. (2018). Disorganized gyrification network properties during the transition to psychosis. *Journal of the American Medical Association Psychiatry*, Epub ahead of print. DOI: 10.1001/jamapsychiatry.2018.0391.

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Dufour, M., Hastings, T., & **O'Reilly, R.** (2018). Canada should retain its reservation on the United Nation's Convention on the Rights of Persons with Disabilities. *Canadian Journal of Psychiatry*, Epub ahead of print. DOI: 10.1177/0706743718784939.

**Eynan, R.**, Shah, R., **Heisel, M.J.**, Eden, D., Jhirad, R., & **Links, P.S.** (2018). Last words: Are there differences in psychosocial and clinical antecedents among suicide decedents who leave e-notes, paper notes, or no note? *Suicide and Life-Threatening Behavior*, Epub ahead of print. DOI: 10.1111/sltb.12514.

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## Letters

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## Conference Presentations

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**Anderson, K.K.**, Norman, R., **MacDougall, A.**, Edwards, J., **Palaniyappan, L.**, Lau, C., & Kurdyak, P. (2017). *The “Real World” Effectiveness of Early Psychosis Intervention Services: A Comparison of Users and Non-Users in Population-Based Health Administrative Data*. Presented at the Canadian Academy of Psychiatric Epidemiology Annual Symposium, Ottawa, ON, Canada.

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**Charbonneau, J., King, R., Barr, J., Garcia, C., & Mak, M.** (2018). *Diagnostic Accuracy in an Academic Consultation/Liaison Service*. Poster presented at the London Health Research Day, London, ON, Canada.

**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.

**Corring, D., O'Reilly, R., Somerdyk, C., & Russell, E.** (2017). *A Systematic Review of the Views and Experiences of Family Members of Subjects of Community Treatment Orders*. Presented at the St. Joseph's Health Care London Parkwood Institute 17th Annual Research Half Day, London, ON, Canada.

**Corring, D., O'Reilly, R., Somerdyk, C., & Russell, E.** (2018). *What Clinicians Say About the Experience of Working with Individuals on Community Treatment Orders (CTOs)*. Presented at the Joint London Mental Health Research Day, London, ON, Canada.

**Das, T., Li, M., Palaniyappan, L., & Li, T.** (2018). *Neurotyping Untreated First Episode Schizophrenia on the Basis of Slow-Wave Resting-State Dynamics*. Presented at the Schizophrenia International Research Society, Florence, Italy.

**Eynan, R., Shah, R., Heisel, M.J., Eden, D., Jhirad, R., & Links, P.S.** (2018). *Notes from the Edge: Are There Differences in the Psychosocial and Clinical Characteristics of Suicide Decedents Who Leave Electronic Notes, Paper Notes, or No Notes?* Presented at the Joint London Mental Health Research Day, London, ON, Canada.

Ferrari, J.R., & **Cernovsky, Z.Z.** (2017). *False Positives in Green's Tests of Malingering on Chronic Pain Patients*. Poster presented at the 78<sup>th</sup> Annual Convention of the Canadian Psychological Association, Toronto, ON, Canada.

Gervais, N.J., Au, A.S., **Hampson, E.**, Tierney, M.C., Duchesne, A., Edwards, H., Karkaby, L., & Einstein, G. (2017). *Predictors of Cognitive Function in Women Following Oophorectomy: Implications for Alzheimer's Disease Risk*. Presented at the Alzheimer's Association International Conference, London, England, United Kingdom.

**Gupta, M.A.,** Jarosz, P., Pur, D.R., & Gupta, A.K. (2018). *Obstructive Sleep Apnea (OSA) Severity is Directly Related to Daytime Autonomically Mediated Cutaneous Symptoms in Post-Traumatic Stress Disorder (PTSD)*. Poster presented at the 76<sup>th</sup> American Academy of Dermatology Annual Meeting, San Diego, CA, USA.

**Gupta, M. A.,** & Pur, D. (2018). *Percentage Rapid Eye Movement (REM) Sleep is Inversely Correlated with Percentage Light (N1+N2) Sleep in Posttraumatic Stress Disorder (PTSD)*. Poster presented at the 73rd Annual Meeting of the Society of Biological Psychiatry, New York, NY, USA.

**Gupta, M.A.,** & Sheridan, A. (2018). *Fear of Sleep (FS) in Posttraumatic Stress Disorder (PTSD) Patients Correlates Directly with Indices of Hyperarousal during Wakefulness and Sleep*. Poster presented at the 32nd Annual Meeting of the American Academy of Sleep Medicine, Baltimore, MD, USA.

**Gupta, M.A.,** & Sheridan, A. (2018). *Fear of Sleep (FS) in Posttraumatic Stress Disorder (PTSD) Patients Correlates Directly with Indices of Hyperarousal during Wakefulness and Sleep*. Poster presented at the 73rd Annual Meeting of the Society of Biological Psychiatry, New York, NY, USA.

**Gupta, M.A.,** & Vujcic, B. (2018). *Frequency of Patient Visits with Physician Diagnosed Sexual Abuse (SA) from a Nationally Representative Sample in the US*. Poster presented at the 73rd Annual Meeting of the Society of Biological Psychiatry, New York, NY, USA.

**Gupta, M.A.,** & Vujcic, B. (2018). *Standard Antidepressant Therapy in Posttraumatic Stress Disorder (PTSD) is associated with a Higher Odds of Externalizing Behaviors and Homicidal Ideation: Results from the US Food and Drug Administration (FDA) Adverse Events Reporting System (FAERS)*. Poster presented at the 73rd Annual Meeting of the Society of Biological Psychiatry, New York, NY, USA.

**Gupta, M.A.,** Vujcic, B., & Gupta, A.K. (2018). *Completed Suicide in Acne Patients Using Isotretinoin: Results from the US FDA Adverse Events Reporting System (FAERS)*. Poster presented at the 76<sup>th</sup> American Academy of Dermatology Annual Meeting, San Diego, CA, USA.

**Gupta, M.A.,** Vujcic, B., & Gupta, A.K. (2018). *Suicidal Behaviors (Suicidal Ideation, Suicide Attempt and Completed Suicide) in Patients Treated with Finasteride for Hair Loss: Results from the US FDA Adverse Event Reporting System (FAERS) Database*. Poster presented at the 76<sup>th</sup> American Academy of Dermatology Annual Meeting, San Diego, CA, USA.

**Gupta, M.A.,** Vujcic, B., Sheridan, A., & Gupta, A.K. (2018). *Finasteride is Associated with a Higher Odds of Obstructive Sleep Apnea (OSA): Results from the US FDA Adverse Events Reporting System (FAERS)*. Poster presented at the 32nd Annual Meeting of the American Academy of Sleep Medicine, Baltimore, MD, USA.

**Gutmanis, I.,** Blake, C., & Crawford, S. (2017). *Optimizing Resident Care and Quality of Life with Environmental Enhancements*. Poster presented at the 9th Canadian Conference on Dementia, Toronto, ON, Canada.

Hameed, S., **Sukhera, J.,** & Miller, K. (2018). *Family Physicians and the Mental Health Needs of Emerging Adults*. Poster presented at the Trillium Primary Health Care Research Day, Toronto, ON, Canada.

Harerimana, B., **Forchuk, C.**, Booth, R., **Burhan, A.**, **Vasudev, A.**, Isaranuwachai, W., Seth, P., Ramsey, D., Rudnick, A., **Heisel, M.J.**, & **Reiss, J.** (2018). *TELEPROM-G: A study evaluating access and care delivery of telehealth services among community-based seniors*. Presented at the London Joint Mental Health Research Day, London, ON, Canada.

**Heisel, M.J.**, Flett, G.L., **Links, P.S.**, **Norman, R.M.G.**, Sarma, S., Moore, S., **Eynan, R.**, O'Rourke, N., Wilson, K., Fairlie, P., & Grunau, M. (2017). *Meaning-Centered Men's Groups (MCMG) for Men Transitioning to Retirement: Findings from a Community-Based Study Designed to Prevent the Onset of Depression and Suicide Ideation*. Presented at the 50th Annual Conference of the American Association of Suicidology (AAS), Phoenix, AZ, USA.

**Heisel, M.J.**, Grunau, M., & the Meaning-Centered Men's Group Project Team. (2017). *Men Searching for Meaning...in Retirement: An Upstream Group Intervention to Enhance Psychological Resiliency and Reduce the Onset of Suicide Risk*. Presented at the 2017 CMHA Health for All Conference, Toronto, ON, Canada.

**Heisel, M.J.**, & the Meaning-Centered Men's Group Project Team. (2017). *Man's Search for Meaning...in Retirement: Findings from the Meaning-Centered Men's Group (MCMG) Study*. Presented at the IAGG 2017 World Congress of Gerontology and Geriatrics, San Francisco, CA, USA.

**Heisel, M.J.**, & the Meaning-Centered Men's Group Project Team. (2018). *Meaning-Centered Men's Groups: An Intervention Designed to Enhance Psychological Resiliency and Prevent the Onset of Suicide Risk in Men Transitioning to Retirement*. Presented at the 29th International Congress of Applied Psychology, Montreal, QB, Canada.

**Heisel, M.J.**, Moore, S.L., **Norman, R.**, **Links, P.S.**, Flett, G.L., **Eynan, R.**, Sarma, S., & O'Rourke, N. (2018). *Engaging Retiring Community-Residing Men in Upstream Suicide Prevention: The Meaning-Centered Men's Group Project*. Presented at the American Association of Suicidology (AAS) 51st Annual Conference, Washington, DC, USA.

**Heisel, M.J.**, Zia, B., & the Meaning-Centered Men's Group Project Team (2017). *Meaning-Centered Men's Groups (MCMG) for Men Transitioning to Retirement: An Upstream Intervention Designed to Prevent the Onset of Depression and Suicide Ideation*. Poster presented at CAG2017: Evidence for Action in an Aging World.

Holden, M.P., & **Hampson, E.** (2017). *Endogenous Variation in Estradiol Affects the Weighting of Metric and Categorical Information in Spatial Location Memory*. Poster presented at the Psychonomic Society 58<sup>th</sup> Annual Meeting, Vancouver, BC, Canada.

Hudson, R.M., **Rushlow, W.J.**, & **Lavolette, S.R.** (2017). *Delta-9-Tetrahydrocannabinol and Cannabidiol Exert Differential Effects on Aversive and Rewarding Emotional Memory Formation and Salience Attribution Through Actions in the Ventral Hippocampus*. Presented at the Society for Neuroscience Meeting, Washington, D.C., U.S.A.

Hunter, P.V., & **Heisel, M.J.** (2018). *A Survey of Canadian Psychologists' Responses to Canada's New Legislation on Medical Assistance in Dying*. Presented at the 29th International Congress of Applied Psychology, Montreal, QC, Canada.

Jordan, J., Kwan, S., Antflick, J., Southward, C., Lynch, S., Spoelstra, M., Andrade, B., **Nicolson, R.**, Iaboni, A., Cowan, K., & Anagnostou, E. (2018). *Top Intervention Research Priorities of the Ontario Neurodevelopmental Disorder Community: A Consensus Study Engaging Patients, Carers, and Other Stakeholders*. Poster presented at the Annual Meeting of the Ontario Association for Developmental Disabilities Research Special Interest Group, Kingston, ON, Canada.

Khan, S., **Shanmugalingam, A.**, & **Burhan, A.M.** (2018). *Investigating Working Memory Impairment in Mild Traumatic Brain Injury*. Poster presented at the Annual Conference of the American Neuropsychiatric Association, Boston, MA, USA.

Li, M., **Das, T.**, Wei, D., Li, Y., Ma, X., Yu, H., Li, X., Meng, Y.-J., Zhao, L., Wang, Y., Wang, Q., **Palaniyappan, L.**, & Li, T. (2018). *Patterns of Gray Matter Abnormalities in Patients with First-Episode and Treatment-Naïve Schizophrenia*. Presented at the Schizophrenia International Research Society, Florence, Italy.

**MacDougall, A.G.** (2018). *The Global MINDS (Mental Health INCubator for Disruptive Solutions) Fellowship Program: Transdisciplinary Students Addressing Complex Global Mental Health System Challenges Through Social Innovation*. Presented at the London Joint Mental Health Research Day, London, ON, Canada.

**MacDougall, A.G.**, **Eynan, R.**, McInnes, C., Halwa, A., Price, E., Saxton, K., Lu, E., & Speziale, J. (2018). *Recovery Through Creative Arts Program: A Program Evaluation*. Poster presented at the 18<sup>th</sup> Annual Parkwood Mental Health Research and Innovation Half-Day, London, ON, Canada.

**MacDougall, A.G.**, Rodger, S., Ruhara, R., Mutiso, V., Wathen, N., Janzen Le Ber, M., Ndeti, D., Mackie, C., & Djenga, M. (2017). *The Global MINDS Fellowship Program: Transdisciplinary Students Addressing Complex Global Mental Health System Challenges Through Social Innovation*. Poster presented at the Africa-Western Collaborations Day, London, ON, Canada.

**MacDougall, A.G.**, Rodger, S., Ruhara, R., Mutiso, V., Wathen, N., Janzen Le Ber, M., Ndeti, D., Mackie, C., & Djenga, M. (2017). *The Global MINDS Fellowship Program: Transdisciplinary Students Addressing Complex Global Mental Health System Challenges Through Social Innovation*. Poster presented at the Global Health and Marginalized Populations Day, London, ON, Canada.

**MacDougall, A.G.**, Saxton, K., **Norman, R.M.G.**, Lynch, J., Bitacola, L., Canas, E., Babcock, C., MacDonald, J., Bowden, L., **Booth, R.**, **Anderson, K.K.**, **Lizotte, D.**, **Oudshoorn, A.**, & Koh, J. (2017). *Mental Health INCubator for Disruptive Solutions of London-Middlesex (MINDS): Using Social Innovation and Collective Impact Processes to Reduce the Burden of Mental Health and Addiction Issues in Transitional Aged Youth*. Poster presented at the 18<sup>th</sup> Annual Parkwood Mental Health Research and Innovation Half-Day, London, ON, Canada.

**MacDougall, A.G.**, Sule, R., & Branzei, O. (2017). *Global Mental Health Incubator for Disruptive Solutions: Innovation for Equitable Action Workshop*. Presented at the Canadian Conference for Global Health, Ottawa, ON, Canada.

Mehta, M., Zhu, J., Taabazuing, M., **Gutmanis, I.**, & Hansen, K. (2018). *Factors Associated with Readmission of Patients Discharged from an Acute Care of the Elderly Clinical Teaching Unit: A Retrospective-Control Study*. Poster presented at the Combined University Research Day, Mississauga, ON, Canada.

**Nicolson, R., & O'Flanagan, S.** (2018). *Training in Developmental Disabilities in Canadian Psychiatry Residency Programs*. Poster presented at the Annual Meeting of the Ontario Association for Developmental Disabilities Research Special Interest Group, Kingston, ON, Canada.

**O'Flanagan, S., & Nicolson, R.** (2017). *Educating the Physicians and Health Care Professionals of Tomorrow: A Program Model of the Developmental Disabilities Program*. Presented at the Health and Wellbeing in Developmental Disabilities, Toronto, ON, Canada.

**O'Flanagan, S., & Nicolson, R.** (2018). *Developmental Disabilities Clinical and Research Rounds: Steps Toward Bridging the Gap Between Basic Science and Clinical Practice: An educational program model*. Poster presented at the American Association on Intellectual and Developmental Disabilities, St. Louis, MO, United States of America.

**O'Flanagan, S., Hocke, V., & Nicolson, R.** (2018). *Training in Developmental Disabilities in Canadian Psychiatry Residency Programs*. Poster presented at the Developmental Disabilities Research Day, London, ON, Canada.

**O'Flanagan, S., Hocke, V., & Nicolson, R.** (2018). *Training in Developmental Disabilities in Canadian Psychiatry Residency Programs*. Presented at the London Joint Mental Health Research Day, London, ON, Canada.

**O'Flanagan, S., Hocke, V., & Nicolson, R.** (2018). *Training in Developmental Disabilities in Canadian Psychiatry Residency Programs*. Presented at the Ontario Association on Developmental Disabilities - Research Special Interest Group, Kingston, ON, Canada.

**O'Reilly, R.L., & Shum, J.** (2017). *Does Italy Really Have Less "Psychiatric Beds" than Canada?* Presented at the 35th International Congress on Law and Mental Health, 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.

**Osuch, E.** (2018). *Complexity in Mood Disorder Diagnosis: fMRI Connectivity Networks Predict Medication Class of Response in Complex Mood Patients*. Presented at the London Joint Mental Health Research Day, London, ON, Canada.

**Peckham, S.B., Sotskova, A., Flett, G.L., & Heisel, M.J.** (2018). *Anxiety and Its Role in Suicide Ideation Among a Sample of Community-Residing Older Adults*. Poster presented at the London Joint Mental Health Research Day, London, ON, Canada.

**Penner, J., Ford, K.A., Arcaro, J., Wammes, M., Neufeld, R., Mitchell, D., Greening, S., Théberge, J., Williamson, P., & Osuch, E.** (2018). *Emotion Regulation in Young Adults with Major Depressive Disorder, Adolescent Marijuana Use and Early-Onset Marijuana Use*. Presented at the 73<sup>rd</sup> Annual Scientific Convention, Society of Biological Psychiatry, New York, NY, USA.

**Penner, J., Osuch, E., Schaefer, B., Théberge, J., Neufeld, R.W.J., Menon, R.S. Rajakumar, N., & Williamson, P.C.** (2018). *Temporoparietal Junction Functional Connectivity in Early Schizophrenia and Major Depression*. Presented at the Society of Biological Psychiatry Meeting, New York, N.Y., U.S.A.

Reuben, R., Au, A., Gervais, N., **Hampson, E.**, Tierney, M., & Einstein, G. (2018). *Longitudinal Change in Cognitive Performance of Women Post-Oophorectomy*. Presented at the International Congress of Neuroendocrinology, Toronto, ON, Canada.

**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.

Schmidt, A., **Das, T.**, Hauke, D., Harrisberger, F., **Palaniyappan, L.**, & Borgwardt, S. (2018). *Disorganized Gyrfication Network Properties During the Transition to Psychosis*. Presented at the Schizophrenia International Research Society, Florence, Italy.

**Sharma, V.** (2018). *Diagnosis and Management of Bipolar Postpartum Depression*. Presented at the 3<sup>rd</sup> International Women's Mental Health Conference, Al-Khobar, Saudi Arabia.

**Sharma, V.** (2018). *Diagnosis and Management of Postpartum Obsessive-compulsive Disorder*. Presented at the 3<sup>rd</sup> International Women's Mental Health Conference, Al-Khobar, Saudi Arabia.

**Sharma, V.**, & Doobay, M. (2018). *Lamotrigine-induced Obsessive-Compulsive Disorder in Patients with Bipolar Disorder*. Poster presented at the International Society for Bipolar Disorders 20<sup>th</sup> Annual Conference, Mexico City, Mexico.

**Sharma, V.**, & Doobay, M. (2017). *Lamotrigine-induced Obsessive-Compulsive Disorder in Patients with Bipolar Disorder*. Poster presented at the 18<sup>th</sup> Annual Mental Health Research and Innovation Half Day, London, ON, Canada.

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

Sinha, N., & **O'Reilly, R.L.** (2017). *Establishing CTOs in the Last Hold-out Province*. Presented at the 35th International Congress on Law and Mental Health, Prague, Czech Republic.

**Sukhera, J.** (2017). *Exploring the Influence of Feedback on Implicit Bias for Health Professionals*. Presented at the Association for Medical Education in Europe Annual Meeting, Helsinki, Finland.

**Sukhera, J.** (2017). *Reducing Mental Illness Stigma in Paediatric Settings workshop*. Presented at the Canadian Academy of Child and Adolescent Psychiatry Annual Conference, Ottawa, ON, Canada.

**Sukhera, J.** (2017). *Shifting Lenses on Implicit Bias in Health Professions Education*. Presented at the Rogano Meeting, Helsinki, Finland.

**Sukhera, J.** (2017). *Somatization Continuum: Addressing Complex Presentations in Hospital and Community Settings workshop*. Presented at the Canadian Academy of Child and Adolescent Psychiatry Annual Conference, Ottawa, ON, Canada.

**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.

**Sukhera, J., Wodzinski, M., & Watling, C.** (2018). *Exploring the Influence of Feedback on Implicit Bias for Mental Health Professionals*. Presented at the Canadian Conference on Medical Education, Halifax, NS, Canada.

Summerhurst, C., **Wammes, M., Arcaro, J., & Osuch, E.** (2017). *Effectiveness of an Early Intervention Mood and Anxiety Program for Emerging Adults*. Presented at the 4<sup>th</sup> International Conference on Youth Mental Health, International Association of Youth Mental Health, Dublin, Ireland.

**Van Bussel, L., Barel, A., Gutmanis, I., & Marlatt, N.** (2017). *A Modified Dementia Observation System: Context Matters*. Poster presented at the 18th Annual Parkwood Mental Health Research & Innovation Half Day, London, ON, Canada.

**Van Bussel, L., Barel, A., Gutmanis, I., & Marlatt, N.** (2017). *Can Dementia Observation Measures for Behaviours Incorporate Context?* Poster presented at the 26th Canadian Academy of Geriatric Psychiatry Annual Scientific Meeting, Toronto, ON, Canada.

**Vasudev, K.** (2017). *Can we Improve Physical Health Monitoring for patients taking Antipsychotics on a Mental health in-patient unit?* Presented at the World Psychiatric Association – World Congress of Psychiatry, Berlin, Germany.

**Vasudev, K.** (2017). *Psychopharmacology Training for Psychiatry Residents: A pilot iterative Quality Improvement Project*. Presented at the Canadian Psychiatric Association Annual conference, Ottawa, ON, Canada.

**Vasudev, K.** (2018). *Sudarshan Kriya Yoga in Post-Traumatic Stress Disorder*. Presented at the Consciousness Conference, London, ON, Canada.

**Vasudev, K.** (2018). *Sudarshan Kriya Yoga in Post-Traumatic Stress Disorder: A feasibility Study*. Presented at the London Joint Mental Health Research Day, London, ON, Canada.

**Vieira, J.B., Pierzchajlo, S., & Mitchell, D.G.V.** (2018). *Exploring the Role of the Peripersonal Space and Defensive Systems in Social and Non-Social Personal Space Intrusions*. Presented at the Social & Affective Neuroscience Society, New York, U.S.A.

**Wadhwa, S., & Heisel, M.J.** (2018). *Enhancing the Assessment of Suicide Risk Among Older Adults: The Development and Initial Validation of a Brief Version of the Reasons for Living Scale-Older Adult Version (RFL-OA)*. Presented at the 29th International Congress of Applied Psychology, Montreal, QB, Canada.

Zia, B., **Heisel, M.J.,** Peckham, S.B., & Rosen, S. (2017). *Evaluating the Psychometric Properties of the 5-Item Suicidal Behaviour Questionnaire (SBQ-5) Among Community-Residing Middle-Aged and Older Men*. Poster presented at CAG2017: Evidence for Action in an Aging World, Winnipeg, MB, Canada.

Zia, B., **Heisel, M.J.**, Peckham, S.B., & Rosen, S. (2018). *Investigating the Psychometric Properties of the 5-Item Suicidal Behaviors Questionnaire Among Community-Residing Middle-Aged and Older Men*. Poster presented at the 29th International Congress of Applied Psychology, Montreal, QB, Canada.

Zhu, J., Taabazuing, M., **Gutmanis I.**, Hansen, K., & Mehta, M. (2018). *Determinants of Readmission of Patients Discharged from an Acute Care of the Elderly Clinical Teaching Unit: A Retrospective-Control Study*. Poster presented at the Department of Medicine Resident Research Day, Schulich School of Medicine and Dentistry, London, ON, Canada.



## External Grant Funding

Anagnostou, A., Lerch, J., Foster, J., Greenberg, B., Weksburg, R., Bennett, T., & **Nicolson, R.** *Co-clinical trials in mice and humans in autism*. Brain Canada. \$2,500,000, 2014-2019.

Anagnostou, E., Arnold, P., Lerch, J., **Nicolson, R.**, Schachar, R., Scherer, S., & Szatmari, P. *Province of Ontario neurodevelopmental disorders network*. Ontario Brain Institute. \$18,750,000, 2013-2018.

Anagnostou, E., Lerch, J., Foster, J., Greenberg, B., Weksberg, R., Scherer, S., Bennett, T., & **Nicolson, R.** *Co-clinical trials in mice and humans in autism*. Brain Canada. \$2,500,000, 2014-2019.

**Anderson, K.K.** *First-episode psychosis in primary care: Identifying a risk profile and characterizing patterns of service use to aid early detection and intervention*. Ontario Ministry of Research, Innovation, and Science – Early Researcher Award. \$150,000.00, 2018-2023.

**Anderson, K.K., Palaniyappan, L.,** Terry, A.L., Voineskos, A.N., **MacDougall, A.,** Ryan B.L., Cheng, C., Lizotte, D.J., Tu, K., Kurdyak, P.A., **Booth, R., Norman, R.M.,** Hameed, S.N., & Archie, S. *Understanding the role of the family in early psychosis intervention: A mixed methods study*. Canadian Institutes of Health Research. \$550,800, 2017-2022.

Arnold, D., **Menon, R.S.,** Collins, D., Kremenchutsky, M., Narayanan, S., & Pike, G. *Magnetic resonance imaging of multiple sclerosis*. Canadian Institutes of Health Research, Operating Grant. \$698,335.00, 2013-2018.

Boileau, I., Bazinet, R., Hill, M., Houle, S., **Lanius, R.,** Rhind, S., **Richardson, J.D.,** & Tyndale, R. *Endocannabinoid metabolism in individuals with posttraumatic stress disorder: Neuroimaging studies with the novel fatty acid amide hydrolase probe [11C]CURB*. Canadian Institutes of Health Research. \$921,824, 2018-2021.

**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.

**Bartha, R.,** Dixon, J., Dugall, N., Fisher, B., Meakin, S., & Tirona, R. *Tumor acidification treatment: Optimization using pH-weighted MRI*. Canadian Institutes of Health Research, Project Grant, \$680,850.00, 2017-2022.

**Bartha, R., Menon, R.,** & Borrie, M. *Metabolic and functional brain state: New indicators of Alzheimer's disease*. Alzheimer Foundation London and Middlesex/Premier Research Grant, \$ 99,952.00, 2015-2018.

**Bartha, R.,** & Stanis, G. *Imaging pH: Development of MRI probes for in vivo pH mapping*. Ontario Institutes for Cancer Research, Smarter Imaging Program, \$230,500.00, 2012-2018.

Blumberger, D.M., Daskalakis, Z.J., **Burhan, A.M.,** Vila-Rodriguez, F., McClintock, S., & Thorpe, K. *Cognitive Outcomes and the response/remission efficacy of convulsive therapies for bipolar depression: The CORRECT-BD trial*. Brain Canada. \$1,499,918.13, 2017-2020.

Busse, J.W., Rehman, Y., Guyatt, G., **Richardson, J.D.**, McCabe, R., **Lanius, R.A.**, McKinnon, M.C., & Cornelius, C. *Management of posttraumatic stress disorder: A multiple treatment comparison meta-analysis of randomized controlled trials*. Workers Compensation Board of Manitoba. \$158,243.00, 2017-2019.

Calhoun, V., Liu, J., **Osuch, E.**, Plis, S., Adali, T. and Salakhutdinov, R. *Multivariate methods for identifying multi-task/multimodal brain imaging*. National Institutes of Health/National Institute of Biomedical Imaging and Bioengineering. \$2,200,000 USD, 2007-2017.

Chertkow, H., **Bartha, R.**, Andrews, M., Bellec, P., Belleville, S., Bergman, H., Black, S., Borrie, M., Camicioli, R., Cashman, N., Collins, L., Cuello, C., Darvesh, S., Dixon, R., Duchesne, S., Evans, A., Feldman, H., Gauthier, S., Greenwood, C., Herrmann, N., Hogan, D., Hsiung, T., Jacklin, K., Masellis, M., Mihailidis, A., Montero-Odasso, M., Morgan, D., Naglie, G., Phillips, N., Poirier, H., Rockwood, K., Rylett, J., Sadavoy, J., Smith, E., St. George-Hyslop, P., Wellington, C., & Westaway, D. *Canadian consortium on neurodegeneration in aging*. Canadian Institutes of Health Research, Canadian Consortium on Neurodegeneration in Aging – EOI. \$60,000,000.00, 2013-2018.

Chronik, B., & **Menon, R.S.** *Centre for the development and testing of MR-compatible medical devices and technology*. Canada Foundation for Innovation – New Initiatives Fund. \$705,911.00, 2013-2018.

Chronik, B., & **Menon, R.S.** *Centre for the development and testing of MR-compatible medical devices and technology*. Ontario Research Fund. \$705,911.00, 2013-2018.

Duggal, N., **Bartha, R.**, Wolfe, D., & Doherty, T. *Enhancing recovery in non-traumatic spinal cord injury: Implementation of an integrated program for the assessment of rehabilitation therapies*. Ontario Neurotrauma Foundation. \$123,000.00, 2016-2019.

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.

Finger, E., & **Mitchell, D.** *The impact of emotional mimicry and oxytocin on frontotemporal dementia*. Canadian Institutes of Health Research, Operating Grant. \$293,408, 2013 -2017.

**Frewen, P., Lanius, R.A.**, McKinnon, M., **Neufeld, R.W.**, Thabane, L., & **Théberge J.** *Randomized controlled trial of mindfulness meditation for PTSD with or without neurofeedback augmentation*. Canadian Institutes of Health Research. \$100,000, 2016-2017.

**Hampson, E.** *Androgens and estrogens in the human nervous system*. Natural Sciences and Engineering Research Council. \$ 245,000, 2015-2020.

Hatcher, S., & **Heisel, M.J.** *Suicide prevention in men: A cluster randomized control trial of smartphone assisted problem solving therapy compared to usual care in men who present with intentional self-harm to Emergency Departments*. Ontario SPOR Support Unit, OSSU Impact Award. \$1,751,292, 2015-2020.

Hatcher, S., & **Heisel, M.J.** *Summer research institute on suicide prevention: The development of a patient-oriented research training for researchers, clinicians, policy makers and people with lived experience of suicide.* Canadian Institutes of Health Research. \$24,989, 2017-2018.

**Heisel, M.J.**, Moore, S., Flett, G.L., O'Rourke, N., **Links, P.S.**, **Norman, R.M.G.**, **Eynan, R.**, Sarma, S., & the Meaning-Centered Men's Group Project Team. *Enhancing psychological resiliency in older men facing retirement: Testing a meaning-centered group intervention.* Movember Canada. \$575,255, 2013-2016, extended to 2018.

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.

**Lanius, R.A.** *Neurofeedback vs heart rate variability training.* ANS Research, LTD, London, U.K., \$50,000, 2013-2018.

**Lanius, R.A.**, **Frewen, P.A.**, McKinnon, M., & Rhind, S. *Effectiveness of neurofeedback therapy for military posttraumatic stress disorder. (Task 1).* Canadian Institute of Military and Veterans Health Research (CIMVHR). \$1,010,137.43, 2015-2018.

**Lanius, R.A.**, **Frewen, P.A.**, McKinnon, M., & Rhind, S. *Social cognition, moral injury, bodily consciousness and suicidality in CAF personnel and veterans. (Task 27).* Canadian Institute of Military and Veterans Health Research (CIMVHR). \$874,005, 2017-2019.

**Lanius, R.**, McKinnon, M., Admon, R., Foster, J.A., **Frewen, P.A.**, Fruchter, E., Gonzalez, A., Jetly, R., McCabe, R.E., **Neufeld, R.W.**, Rhind, S.G., **Richardson, J.D.**, & **Théberge, J.** *Neural, cognitive and biological correlates of the dissociative subtype of PTSD among military members.* Canadian Institutes of Health Research Operating Grant. \$607,780, 2016 - 2021.

**Lavolette, S.R.**, & **Rushlow, W.** *Investigating the role of cannabis derived phytocannabinoid formulations for the development of novel mental health pharmacotherapies.* Mitacs Accelerate. \$400,000, 2017-2019.

**Lavolette, S.R.**, & **Rushlow, W.** *Role of the amygdala-prefrontal cortical circuit in opiate motivation, learning and memory.* Ontario Mental Health Foundation. \$150,000, 2016 – 2018.

Lomber, S.G., & **Menon, R.S.** *Functional organization of auditory cortex following cochlear implant.* Canadian Institutes of Health Research, Transitional Operating Grant. \$1,268,245.00, 2015-2020.

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.

Manion, I., Mathias, S., **Osuch, E.**, et al. *Healthy young people everywhere.* Networks of Centres of Excellence, International Research Platforms. \$1,600,000, 2017-2021.

Martinez-Trujillo, J., **Palaniyappan, L.**, & **Nicolson, R.** *The role of the basolateral amygdala in gaze avoidance behaviour.* BrainsCAN Accelerator-Stimulus. \$85,910.00, 2017-2018.

McIntyre, C., Mandzia, J., Prato, F.S., St. Lawrence, K., & **Théberge, J.** *Reducing hemodialysis-induced recurrent brain injury to improve patient's lives.* Heart and Stroke Foundation, Grant in Aid. \$217,632, 2017-2020.

**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.

**Menon, R.S.,** Ansari, D., Bartha, R., Cusack, R., Everling, S., Goodale, M., Kohler, S., Lomber, S., Owen, A., & **Williamson, P.** *Centre for functional and metabolic mapping.* Brain Canada Foundation. \$1,500,000.00, 2015-2018.

**Menon, R.S.,** Ansari, D., Chronik, B., Culham, J., Cusack, R., Everling, S., Goodale, M., Han, V., Owen, A., & **Williamson, P.C.** *Centre for functional and metabolic mapping.* Canada Foundation for Innovation. \$6,234,244.00, 2012-2017.

**Menon, R.S.,** Ansari, D., Chronik, B., Culham, J., Cusack, R., Everling, S., Goodale, M., Han, V., Owen, A., & **Williamson, P.C.** *Centre for functional and metabolic mapping.* Ontario Research Fund. \$2,494,098.00, 2012-2017.

**Menon, R.S.,** Everling, S., & **Bartha, R.** *Functional and metabolic assessment of small animal models of disease with MRI.* Canada Foundation for Innovation: John Evans Leadership Fund/Ontario Research Fund. \$500,000.00, 2018-2023.

**Menon, R.S.,** Owen, A., Everling, S., **Williamson, P.,** Köhler, S., Ansari, D., Cusack, R., **Bartha, R.,** Goodale, M., & Lomber, S.G. *Centre for functional and metabolic mapping.* Brain Canada Platform Support Grant. \$2,755,000.00, 2016-2019.

**Menon, R.S.,** Owen, A., Everling, S., **Williamson, P.,** Köhler, S., Ansari, D., Cusack, R., **Bartha, R.,** Goodale, M., & Lomber, S.G. *Centre for functional and metabolic mapping.* Canada Foundation for Innovation, Leading Edge Fund. \$2,494,098.00, 2013-2018.

**Menon, R.S.,** Owen, A., Everling, S., **Williamson, P.,** Köhler, S., Ansari, D., Cusack, R., **Bartha, R.,** Goodale, M., & Lomber, S.G. *Centre for functional and metabolic mapping.* Ontario Research Fund. \$2,494,098.00, 2013-2018.

**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.

**Mitchell, D.** *Diverse effects of emotionally salient stimuli on brain and behaviour.* Natural Sciences and Engineering Research Council, Discovery Grant. \$165,000, 2013-2018.

**Mitchell, D.** *Performing under pressure: The impact of realistic, imminent, and uncertain threats on human cognition and the brain.* Natural Sciences and Engineering Research Council, Discovery Grant. \$165,000.00, 2018-2023.

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.

**Osuch, E.,** Vingilis, E., & John-Baptiste, A. *Long-term clinical and economic effectiveness of secondary prevention for mood and anxiety disorders in transition-age youth.* Centre de développement et de recherche en imagerie numérique (CDRIN), Central Hub. \$34,948.00, 2015 – 2017.

**Osuch, E., Williamson, P., Neufeld, R.W.J., & Théberge, J.** *Differentiating bipolar disorder from major depressive disorder in depressed, medication-free young adults using multivariate brain imaging and machine learning technologies.* Canadian Institute of Health Research. \$100,000.00, 2017 – 2018.

**Palaniyappan, L.** *Defining the disturbance in cortical glutamate and GABA function in psychosis: Its origins and consequences.* Medical Research Council (U.K.), Experimental Medicine Challenge. \$8,508,124.00, 2013-2017.

**Palaniyappan, L., Bartha, R., Menon, R.,** Hegele, R., Hicks, J., Khan, A., **Neufeld, R.,** St. Lawrence, K., & **Théberge, J.** *Origins, consequences and outcomes of neuroprogression in first episode Schizophrenia.* Canadian Institutes of Health Research, Foundation Grant. \$964,309.00, 2017-2022.

**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.

Prado, M., & **Bartha, R.** *Novel mechanisms regulating functional recovery in stroke.* Canadian Institutes of Health Research, Operating Grant. \$711,555.00, 2013-2018.

**Rajakumar, N.** *Molecular mechanisms of spatial memory.* Natural Sciences and Engineering Research Council (NSERC). \$125,000.00, 2013-2018.

**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.

Scherer, S., Szatmari, P., Arnold, P., Crosbie, J., Georgiades, S., Liu, X., **Nicolson, R.,** & Schachar, R. *Province of Ontario neurodevelopmental disorders network.* Ontario Brain Institute. \$18,750,000.00, 2013-2018.

Strong, M., **Bartha, R.**, Schmid, S., & Volkening, K. *The Role of Phosphothreonine 175 (pThr175) Tau in the induction of frontotemporal degeneration in ALS*. Ontario Brain Institute, Basic Science Proposal. \$778,865.00, 2013-2018.

**Sukhera, J.**, Lingard, L., Goldszmidt, M., Perzhinsky, J., Chisolm, M., & Hendrickx, S. *Exploring implicit influences on collaborative practice within interprofessional teams*. Arnold P. Gold Foundation Mapping the Landscape Grant. \$7,000.00 USD, 2017-2019.

**Théberge, J.** *Optimizing detection of glutamate functional magnetic resonance spectroscopy signals*. Natural Sciences and Engineering Research Council of Canada, Discovery Grants. \$105,000.00, 2016-2021.

Tibbo, P., Cooney, J., Crocker, C., Khan, A., **Palaniyappan, L.**, Stewart, S., & Rioux, J. *Cannabis effects on white matter microstructure and outcomes in early phase psychosis: A 1 year dual site longitudinal study*. Canadian Institutes of Health Research. \$493,000.00, 2018-2023.

Voineskos, A., **Anderson, K.K.**, Bromley, S., Calarco, N., Durbin, J., Foussias, G., Haltigan, J., Jaouich, A., Kozloff, N., Kurdyak, P., Mitchell, P., Sakal, M., & Sockalingam, S. *Enhancing evidence-based practice for youth and emerging adults with early psychosis: Implementation and evaluation in diverse service settings*. Canadian Institutes of Health Research, Strategy for Patient-Oriented Research, Innovative Clinical Trial Multi-Year Grant. \$1,500,000.00, 2018-2022.

**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.

**Williamson, P.C.**, **Osuch, E.**, Drost, D., **Menon, R.S.**, **Théberge, J.**, **Neufeld, R.W.J.**, **Rajakumar, R.**, & Pavlosky, W. *Candidate neuronal circuits in Schizophrenia*. Canadian Institutes of Health Research, Operating Grant. \$739,754.00, 2012-2017.

Younger, J., **MacDougall, A.G.**, Smye, V., Hill, B., Butler, R., & **Northcott, S.** *Designing a South West regional indigenous pathway to mental wellness*. Ministry of Health and Long-Term Care, The Journey Together: Ontario's Commitment to Reconciliation with Indigenous Peoples Mental Health and Wellness Supports. \$2,205,694.00, 2018.

## Internal Grant Funding

**Anderson, K.K.**, & **Edwards, J.** *The risk of mood and anxiety disorders in first-generation immigrant and refugee populations in Ontario: An analysis of space and time*. Lawson Health Research Institute, Internal Research Fund (Studentship). \$15,000.00, 2018-2019.

**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.

**Anderson, K.K.**, **Osuch, E.**, **MacDougall, A.**, & Kurdyak, P. *Health service use and outcomes for youth with mood/anxiety disorders: Comparing FEMAP with other services*. Lawson Health Services Research Institute, Internal Research Fund. \$14,812, 2016-2017.

Duggal, N., **Bartha, R.**, Diedrichson, J., Loh, E., Bailey, C., Kimpinski, K., Lee, D., & **Menon, R.** *Integrated program for the assessment of therapeutic interventions to enhance recovery in non-traumatic spinal cord injury (TIERS)*. University of Western Ontario, Schulich Dean's Research Grant Initiative. \$110,000.00, 2016-2017.

**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.

**Heisel, M.J., Flett, G.L., Schreier, G.J., Norman, R.M.G., Links, P.S., Eynan, R., & Moore, S.** *The development and validation of the Desire to Hasten Death scale for Older Adults (DHD-OA)*. Lawson Health Research Institute, Internal Research Fund Award. \$15,000, 2013-2015, extended to 2018.

**MacDougall, A.G.** *Growing the global MINDS fellowship program: Enhancing intercultural competencies and expanding international learning opportunities*. Western International, International Curriculum Fund Award. \$15,000, 2018-2020.

**MacDougall, A.G., Norman, R., Lynch, J., Saxton, K., Bitacola, L., & Canas, E.** *The MINDS of London-Middlesex: Tackling the wicked problem of youth mental health and addictions*. St. Joseph's Health Care Foundation RFS. \$122,483.00, 2018-2019.

**Mak, M., Carbonneau, J., Ulch, S., King, R., Garcia, C., & Barr, J.** *Diagnostic accuracy in an academic consultation-liaison service*. Western University, Dean's Grant. \$7,350, 2016-2018.

**Mak, M., Chitpin, J., Kwiatkowski, D., & Bhojani, Z.** *Tryptophan as treatment for insomnia in the ASD and ID population*. C. Kingsley Allison Research Grant Competition. \$3,500, 2018.

**Mak, M., Links, P., Calvin, J., Wetmore, S., Liciskai, C., Sibbald, S., & Valiquette, S.** *Chronic diseases management initiative*. Western University, Dean's Grant. \$166,000, 2016-2018.

**Menon, R.S., Ansari, D., Bartha, R., Cusack, R., Everling, S., Goodale, M., Kohler, S., Lomber, S., Owen, A., & Williamson, P.** *Centre for functional and metabolic mapping*. Western University. \$1,500,000, 2015-2018.

**Mitchell, D., Finger, E., & Neufeld, R.W.J.** *The impact of violent gaming on the brain as a function of individual differences in trait empathy*. BrainsCAN Accelerator Stimulus Grant. \$51,125.00, 2018-2019.

Morrow, S., & **MacDougall, A.G.** *Mindfulness group intervention for newly diagnosed persons with Multiple Sclerosis: A pilot study*. Lawson Health Research Institute, Strategic Research Fund. \$45,000, 2018-2019.

**Osuch, E.,** Vingilis, E., & John-Baptiste, A. *Long-term effectiveness and economics secondary prevention in mood/anxiety.* Academic Medical Organization of Southwestern Ontario, Provincial Innovation Fund. \$99,770.00, 2015 – 2017.

**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.

Speziale, J., McInnes, C., **Eynan, R.,** & **MacDougall, A.G.** *Recovery through the creative arts.* St. Joseph's Health Care Foundation, RFS. \$68,280.00, 2017-2019.

**Sukhera, J.,** Sangha, J., Crotonino, J., & Poolacherla, R. *Children's Comfort and Coping Strategy.* Children's Health Foundation. \$125,000.00, 2017-2018.

**Vasudev, K.,** **Vasudev, A.,** & **Lanius, R.** *Sudarshan Kriya Yoga vs health enhancement program in PTSD.* Academic Medical Organization of Southwestern Ontario, Innovation Fund. \$117,500.00, 2018-2020.

Wilk, P., & **Sukhera, J.** *Multidisciplinary initiative for population health research in chronic diseases.* Western University, Collaborative Seed Grant. \$48,596, 2017-2018.

## 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 multicenter, randomized, double-blind, parallel-group, placebo-controlled study evaluating the efficacy, safety, and pharmacokinetics of sage-547 injection in the treatment of adult female subjects with severe postpartum depression and adult female subjects with moderate postpartum depression.* Sage Therapeutics. \$12,336.37, 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.