

Koerner Fund - Awardees list from other centres

Discovery Fund Postdoctoral Research Award

2023 Competition

Heather Brooks (supervisor: Dr. Tarek Rajji): *Optimizing theta-burst stimulation to enhance plasticity in the dorsolateral prefrontal cortex*

Jesse Lacasse (supervisor: Dr. Liisa Galea): *Identifying age-specific biomarkers underlying the link between major depressive disorder and hormonal contraceptive use in depression*

Davide Momi (supervisor: Dr. John Griffiths): *Titled computational modeling of TMS-EEG brain network dynamics in depression*

Ju-Chi Yu (supervisor: Dr. Stephanie Ameis): *Developing and applying new multivariate methods to compare dimensional and categorical subtypes of schizophrenia and autism spectrum disorders using structural and functional brain connectivity*

2022 Competition

Samar Elshiekh (supervisor: Dr. Daniel Mueller): *Integrative and multifactorial prediction of antidepressant remission in late-life depression using structural equation modelling*

Shohreh Kariminezhad (supervisor: Dr. Pushpal Desarkar): *Does hyperplasticity at the primary somatosensory cortex underlie atypical tactile reactivity in autism spectrum disorder?*

Jennifer Lepock (supervisor: Dr. Michael Kiang): *Effects of N-acetylcysteine on cognitive event-related potential biomarkers of the clinical high-risk state for schizophrenia*

Anna Pees (supervisor: Dr. Neil Vasdev): *Development of PET radiopharmaceuticals for imaging cannabinoid receptors*

2021 Competition

Sophia Attwells (supervisor: Dr. Laurie Zawertailo): *Multi-modal MRI in daily e-cigarette users, daily smokers and healthy controls: Functional and structural comparisons*

Katrina Hui (supervisor: Dr. Daniel Buchman): *Exploring bias and ethical considerations of the expansion of artificial intelligence applications in risk assessments in mental health care through natural language processing and qualitative interviews with clinicians and patients*

Christopher Morrone (supervisor: Dr. Wai Haung): *Mechanisms of sleeplessness and failed proteostasis interact and facilitate cognitive decline in Alzheimer's disease*

Alexia Polillo (supervisor: Dr. Nicole Kozloff): *Delivering early psychosis intervention services during a pandemic: A mixed-methods analysis of factors associated with mode of delivery, digital equity and associated outcomes*

Annabel Sibalis (supervisor: Dr. Brendan Andrade): *Deconstructing dysregulation: An examination of parent and child factors associated with the development of behavioural dysregulation in children*

Ana-Paula Silva (supervisor: Dr. Vanessa Gonçalves): *Analysis of mitochondrial DNA variants in youth diagnosed with schizophrenia and bipolar disorder*

Victor Tang (supervisor: Dr. Daphne Voineskos): *Repetitive transcranial magnetic stimulation for suicidality in concurrent major depressive disorder and alcohol use disorder*

Kazunari Yoshida (supervisor: Dr. Daniel Mueller): *Investigating the genomic overlap between antipsychotic-induced weight gain and antipsychotic efficacy in schizophrenia*

womenmind Postdoctoral Research Award

2023 Competition

Marina Fodor (supervisor: Dr. Matthew Sloan): *Feasibility of examining sex and gender differences in performances on the addictions neuroclinical assessment among individuals with cannabis use disorder*

Anna Pees (supervisor: Dr. Neil Vasdev): *PET Imaging of sex differences in the endocannabinoid pathway using preclinical models of Alzheimer's disease*

Laura St John (supervisor: Dr. Yona Lunskey): *Understanding and exploring mental and sexual and reproductive health of women with intellectual disabilities*

Nicolette Stogios (supervisor: Dr. Mahavir Agarwal): *Effects of antipsychotics on brain insulin action in women: A randomized placebo-controlled, crossover multi-modal neuroimaging study*

2022 Competition

Mohamed Abdelhack (supervisor: Dr. Daniel Felsky): *Population-level integrative modelling of factors associated with elevated cardiovascular disease risk in women with bipolar disorder*

Justin Matheson (supervisor: Dr. Bernard LeFoll): *The relationship between gender, motives to use cannabis and cannabis-related harms: A mixed-methods study*

Ana-Paula Silva (supervisor: Dr. Erica Vieira): *Longitudinal evaluation of the levels of circulating mitochondrial DNA in women with late-life depression and frailty*

Anna van der Miesen (supervisor: Dr. Meng-Chuan Lai): *Sex assigned at birth, gender identity, and gender identity diversity differences in a prospective clinical youth cohort:*

Prevalence rates and associations with suicidality, self-harm, mental health risks and protective factors

Azrieli Adult Neurodevelopmental Centre Postdoctoral Research Award

2023 Competition

Rahat Hossain (supervisor: Dr. Pushpal Desarkar): *Assessing plasticity in the dorsolateral prefrontal cortex and its connection with metacognitive difficulties in autism spectrum disorder and obsessive-compulsive disorder*

Louisa Man (supervisor: Dr. Meng-Chuan Lai): *Sharing an understanding on what camouflaging is: Shared perspective across autistic adults, caregivers and clinicians*

Lisa Whittingham (supervisor: Dr. Yona Lunsky): *The characteristics and antecedent events that result in individuals with intellectual and developmental disabilities being brought to an emergency department by police*

2022 Competition

Syeda Asma Hsan (supervisor: Dr. Yona Lunsky): *Enhancing training and personalized learning experience in intellectual and developmental disabilities: A quality improvement project for residents in psychiatry*

Alex Porthukaran (supervisor: Dr. Johanna Lake): *The effectiveness of acceptance and commitment training with autistic adults*

Kirsten Smith (supervisor: Dr. Yani Hamdani): *Being and doing: Occupation-centred approaches to mindfulness for adults with neurodevelopmental disabilities*