



Division Reports 2020-21

Division of Neuroscience and Clinical Translation

Submitted by Dr. Fang Liu, Director of the Division of Neuroscience and Clinical Translation

The Division of Neuroscience and Clinical Translation, directed by Dr. Fang Liu, includes approximately 150 faculty comprised of basic scientists, clinical researchers, and teaching faculty. We aim to build an integrated program of basic, translational and clinical research focused on developing new treatments for brain disease. Our Division has world leading neuroscientists with particular strengths in neuroimaging, brain stimulation, pharmacogenetics, epigenetics, psychopharmacology and cognition.

We have the most publications and funding of any Division in the Department of Psychiatry, with millions in grants from CIHR, NIH and large private donations. In 2020, the CAMH Brain Health Imaging Centre led by Dr. Neil Vasdev received \$15M from the Garron Family for brain imaging infrastructure. Dr. Sidney H. Kennedy was awarded the University of Toronto, President's Impact Award, for global impact in Depression Research. Other notable achievements by our faculty include the election of Dr. Rachel Tyndale as a Fellow of the American Association for the Advancement of Sciences, the appointment of Dr. Ben Goldstein as RBC Investments Chair in Children's Mental Health and Developmental Psychopathology, Dr. Robin Green as Saunderson Chair in Acquired Brain Injury Research, Dr. Benoit Mulsant as Labatt Family Chair in Depression Biology and Late Life Adults, Dr. Daniel Blumberger as Temerty Chair in Therapeutic Brain Intervention, Dr. Margaret Hahn as Kelly and Michael Meighen Chair in Psychosis Prevention, Dr. Bernard LeFoll as Addiction Psychiatry Chair and Dr. Fang Liu as Tapscott Chair in Schizophrenia Studies.

The Division is essential to the training of undergraduate, graduate, and medical students as well as psychiatry residents and post-doctoral fellows. Over 75% of residents in the Clinician-Scientist Stream (CSS) and Clinician-Scientist Program (CSP) (both led by Dr. Benjamin Goldstein) are supervised by faculty members in our division. Dr. Daniel Mueller is the new Director of the Fellowship Program. Many of our trainees have been recognized with prestigious awards, such as Dr. Daphne Voineskos (currently faculty), the 2020 winner of the John C. Polanyi Prize in physiology/medicine. Dr. Robin Green founded the International Mentorship Program for the International Neuropsychological Association in 2020.

We hope that improvement in the pandemic over the coming year will allow more normal research operations, so that we can build on our ongoing excellence.

