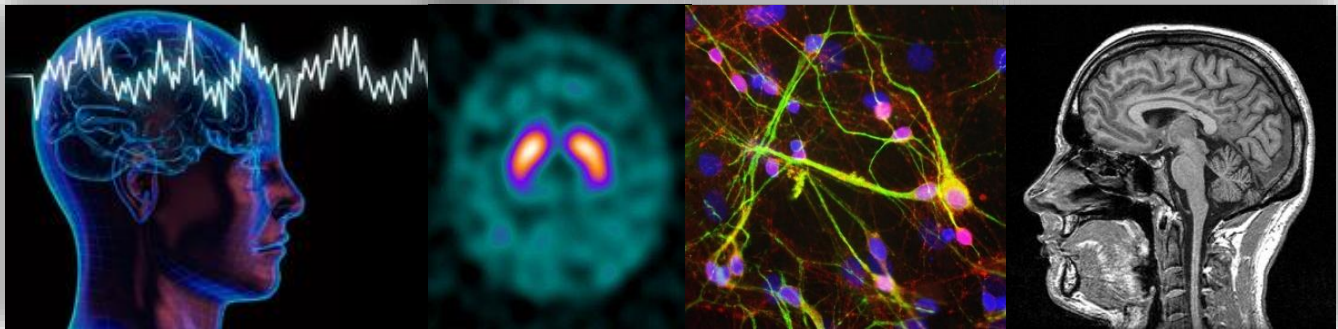


Movement Disorders and Neurorestoration Training Program

2020 Joint T32 & Movement Fellows Research Symposium



Zoom ID: 956 5339 9648 Passcode: 189370

Friday, October 30th

- 9:00 – 9:05 Introduction by the T32 Leadership Team
- 9:05 – 9:15 **Sidney Baudendistel** (T32-APK), Mentor: Dr. Chris Hass
Pushing the Limits: Real-Time Force Feedback to Improve Walking in Parkinson's disease
- 9:15 – 9:25 **Dr. Kelvin Au, MD FRPC** (Neurology Movement Fellow)
Mentor: Dr. Michael Okun
A Randomized Trial of Burst vs Spaced Physical Therapy for Parkinson's Disease: The BUS PT Trial
- 9:25 – 9:35 **Stephanie Cenera** (T32-BME), Mentor: Dr. Aysegul Gunduz
Closed Loop Deep Brain Stimulation Approaches Using Wearable Sensors
- 9:35 – 9:45 **Adithya Gopinath** (T32-Neuroscience)
Mentor: Dr. Habibeh Koshbouei
CNS Dopamine Depletion Triggers Changes in Peripheral Monocytes in Parkinson's Disease
- 9:45 – 9:55 **Dr. Katie Moore, MD** (Neurology Movement Fellow)
Mentor: Dr. Melissa Armstrong
Prevalence of Suicidal Ideation in Lewy Body Dementia vs Parkinson's Disease, Atypical Parkinsonism, and Essential Tremor

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- 9:55 – 10:05 **Franjo Ivankovic** (T32 – Genetics), Mentor: Dr. Carol Matthews
Genetic Underpinnings of Tourette Syndrome: Genome-wide Analysis of Copy Number Variation
- 10:05 – 10:15 **Dr. Jessica Frey, MD** (Neurology Movement Fellow)
Mentor: Dr. Aparna Wagle-Shukla
Synthesizing Tourette Treatment Options using TMS to Improve CBIT: The Stop-Tic Study
- 10:15 – 10:25 **Noelle Jacobson**, (T32-BME), Mentor: Dr. Dan Ferris
Brain and Body Dynamics during Split Belt Walking Adaptation
- 10:25 – 10:35 **Francesca Lopez** (T32-Neurophysiology)
Mentor: Dr. Dawn Bowers
Cognitive Correlates of Mitochondrial Function in Parkinson's Disease
- 10:35 – 10:45 **Dr. Tracey Tholanikunnel, MD** (Neurology Movement Fellow)
Mentor: Dr. Melissa Armstrong
Characterizing Cognitive Fluctuations in Lewy Body Dementia
- 10:45 – 10:55 **Dr. Tamara Stiep, MD** (Neurology Movement Fellow)
Mentor: Dr. Adolfo Ramirez-Zamora
Parkinson's Disease Apathy and Deep Brain Stimulation
- 10:55 – 11:05 **Doug Miller** (T32-Neuroscience), Mentor: Dr. Habibeh Khoshbouei
Differential Functional Dopaminergic Network Dynamics in the Substantia Nigra and Ventral Tegmental Area
- 11:05 – 11:15 **Dr. Juan Toleda Atucha, MD** (Neurology Movement Fellow)
Mentor: Dr. Melissa Armstrong
Imaging and Clinical Biomarkers of Lewy Body Pathology (LBP)