

**PARKINSON CANADA RESEARCH PROGRAM
AWARDS FOR 2019-2021 CYCLE**

Granting Period 1 July 2019 – 30 June 2021

Researcher	Project Title	Institution	Amount Year 1	Amount Year 2	Total Award
Clinical Movement Disorder Fellowship (1 Year)					
Dr. Emily Swinkin Funded by Hartley Richardson through Pedaling for Parkinson's (Parry Sound)	NA	Toronto Western Hospital	\$50,000	N/A	\$50,000
Pilot Project Grants (1 Year)					
Dr. Michael Schlossmacher Funded by Parkinson Society British Columbia	Lrrk2 activity in health and disease: Elevated ROS levels in inflamed, Lrrk2-mutant brain	University of Ottawa	\$50,000	N/A	\$50,000
Dr. Pascale Legault Funded by Parkinson Québec	MicroRNA-protein network regulating alpha-synuclein	University of Montreal	\$50,000	N/A	\$50,000
Dr. Naomi Visanji Funded by Don MacLean through Pedaling for Parkinson's (Parry Sound)	Dural lymphatic vasculature: a new player in the pathophysiology of Parkinson's disease	University of Toronto (University Health Network)	\$49,488.76	N/A	\$49,488.76
Dr. Christel Renoux Funded by Parkinson Québec	Beta 2 agonists and the incidence of Parkinson's disease	McGill University	\$50,000	N/A	\$50,000
Dr. Babak Taati	AI-based Automatic Assessment of Motor Deficits in PD	University of Toronto (Rehab)	\$50,000	N/A	\$50,000
Dr. Vladimir Ladizhansky	Molecular determinants of α -synuclein misfolding in cells	University of Guelph	\$50,000	N/A	\$50,000
Dr. Philippe Huot Funded by Rudy's Run in honour of Rudy Erfle	A novel approach for the treatment of motor disability in Parkinson's disease	McGill University	\$50,000	N/A	\$50,000
New Investigator Awards (2 Years)					
Dr. Janelle Drouin-Ouellet	Understanding mitochondrial dysfunctions in sporadic Parkinson's disease using direct neural reprogramming of patient-derived dermal fibroblasts	University of Montreal	\$45,000	\$45,000	\$90,000
Dr. Ayse Kuspinar Funded by Parkinson Society British Columbia	Development of a new health-related quality of life measure for Parkinson's disease	McMaster University	\$44,827.41	\$44,422.10	\$89,249.51
Dr. Ji Hyun Ko Funded by Pedaling for Parkinson's (Prince Edward County)	Abnormal Brain Network of Cognitive Impairment in Parkinson's Disease	University of Manitoba	\$45,000	\$45,000	\$90,000
Dr. Alexandru Hanganu	Impact of neuropsychiatric symptoms on brain's microstructure, function, plasticity and their potential to predict individual cognitive performance in Parkinson's disease	University of Montreal	\$44,216	\$44,216	\$88,432
Dr. Chenjie Xia	Investigating and treating mood symptoms in Parkinson's disease via autonomic disturbances	McGill University	\$45,000	\$45,000	\$90,000
Fellow	Project Title	Institution	Amount Year 1	Amount Year 2	Total Award
Basic Research Fellowship (2 Years)					
Dr. Juan Li Funded by Parkinson Society British Columbia	Validation and calibration of the PREDIGT score to predict the incidence of Parkinson's in healthy subjects	Ottawa Hospital Research Institute	\$50,000	\$50,000	\$100,000

Dr. Thomas Goiran	Identification of novel target gene responsible for Alpha-Synuclein toxicity in Parkinson's disease	Montreal Neurological Institute	\$50,000	\$50,000	\$100,000
Dr. Ramy Malty <i>Funded in partnership with University of Regina</i>	Deciphering the mechanistic role of PINK1/PARKIN in microglial priming and Parkinson's disease pathogenesis	University of Regina	\$40,000	\$40,000	\$80,000
Dr. Iman Beheshti	Stimulating the caudate nucleus to improve cognitive performance in Parkinson's Disease	University of Manitoba	\$50,000	\$50,000	\$100,000

Student	Project Title	Institution	Amount Year 1	Amount Year 2	Total Award
Graduate Student Award (2 years)					
Ms. Linda Kim <i>Funded by Parkinson Society British Columbia</i>	A new dopaminergic therapeutic target for gait dysfunction in Parkinson disease	University of Calgary	\$10,000	\$10,000	\$20,000
Ms. Olivia Samotus <i>Funded by The Lanka Charitable Foundation</i>	Investigating therapeutic and neurophysiological effects of spinal cord stimulation for treating gait impairments in advanced Parkinson's disease patients	University of Western Ontario	\$10,000	\$10,000	\$20,000
Mr. Jérôme Lamontage-Proulx <i>Funded in partnership with Fonds de Recherche du Québec - Santé</i>	Study of brain-gut-microbiome axis dysfunction and sex differences in a murine model of Parkinson's disease	Laval University	\$5,000	\$5,000	\$10,000
Mr. Armin Bayati	Pathological α -synuclein: endocytosis and internalization mechanism	McGill University	\$10,000	\$10,000	\$20,000
Ms. Jessie De Roy <i>Funded in partnership with Fonds de Recherche du Québec - Santé</i>	Anatomical neuroimaging in Parkinson's disease in relation to REM sleep behaviour disorder	Université du Québec au Montréal	\$5,000	\$5,000	\$10,000
Mr. Benoît Delignat-Lavaud	Evaluation of the mechanisms of somatodendric dopamine release and its contributions to post-lesional plasticity in Parkinson's disease models	University of Montreal	\$10,000	\$10,000	\$20,000
Mr. David Remillard-Pelchat <i>Funded in partnership with Fonds de Recherche du Québec - Santé</i>	Neuroanatomical substrates of electroencephalographic abnormalities related to the development of dementia in Parkinson's disease	University of Montreal	\$5,000	\$5,000	\$10,000
Mr. Faustin Arnel Etindele Sosso <i>Funded in partnership with Fonds de Recherche du Québec - Santé</i>	Contribution of socioeconomic status to insomnia and excessive daytime sleepiness in normal aging and Parkinson's disease	University of Montreal	\$0	\$5,000	\$5,000
Ms. Bria Mele <i>Funded by The Lanka Charitable Foundation</i>	Development of a clinical care pathway for apathy in Parkinson's disease.	Hotchkiss Brain Institute	\$10,000	\$10,000	\$20,000
Ms. Cynthia Kwan	Development of a novel marmoset model of Parkinson's disease	Montreal Neurological Institute	\$10,000	\$10,000	\$20,000
Ms. Stephanie Tran	Characterizing the effects of Parkinson's disease on multisensory integration for balance	University Health Network	\$10,000	\$10,000	\$20,000
Ms. Alexandra Potvin-Desrochers	Neural mechanisms of freezing of gait in Parkinson's disease	McGill University	\$10,000	\$10,000	\$20,000

Mr. Greydon Gilmore Funded by The Lanka Charitable Foundation	Improved deep brain stimulation electrode localization in Parkinson disease.	Western University	\$10,000	\$10,000	\$20,000
---	---	--------------------	----------	----------	-----------------