

**PARKINSON CANADA RESEARCH PROGRAM
AWARDS FOR 2018-2020 CYCLE**

Granting period 1 July 2018 – 30 June 2020

Researcher	Project Title	Institution	Amount Year 1	Amount Year 2	Total Award
Clinical Movement Disorder Fellowship (1 Year)					
Dr. Melissa Mackenzie	Clinical Training	University College London, UK	\$50,000	N/A	\$50,000
Dr. Sarah Lidstone Funded by Pedaling for Parkinson's in Honour of Dr. Peter George Morse	Clinical Training	University Health Network	\$50,000	N/A	\$50,000
Pilot Project Grants (1 Year)					
Dr. Liliana Alvarez Funded by the Garden Centre Group Co-Op Corp. (GCGCC)	Preliminary efficacy of targeted in-vehicle technology on the driving performance of individuals with Parkinson's: a pilot study	Western University	\$43,065	N/A	\$43,065
Dr. Douglas Munoz Funded by Pedaling for Parkinson's in honour of John Bannister	Using pharmacogenetics to identify biomarkers for cognitive impairment in early PD	Queen's University	\$50,000	N/A	\$50,000
Dr. George Robertson	Neuroprotection in MPTP-treated mice by conditional ablation of the mitochondrial calcium uniporter	Dalhousie University	\$50,000	N/A	\$50,000
Dr. Louis-Eric Trudeau Funded by the Saucier-van Berkom Parkinson Quebec Research Fund with contributions from Parkinson Newfoundland Labrador	Auto-immunity as a trigger of axonal dying-back in PD	University of Montreal	\$49,748	N/A	\$49,748
Dr. Philip Millar	VGI Physiological benefits of high-intensity interval training for individuals with Parkinson's disease	University of Guelph	\$49,385	N/A	\$49,385
Dr. Martin Levesque	Modulation of Rit2 expression to protect against alpha- synuclein neuropathology	Laval University	\$50,000	N/A	\$50,000
Dr. Penny MacDonald Funded by Pedaling for Parkinson's in honour of Dr. Robert Lorne Alexander	Preclinical and Diagnostic Biomarkers of PD: MRI investigations in patients with REM sleep behaviour disorder and PD	Western University	\$32,984	N/A	\$32,984
Dr. Mervyn Gornitsky	Ima Validation of salivary heme oxygenase-1 as a biomarker of idiopathic Parkinson disease	McGill University	\$49,200	N/A	\$49,200
New Investigator Awards (2 Years)					
Dr. Maxime Rousseau	Uncoupling pathology from neurotoxicity in synucleinopathies	University of Ottawa	\$45,000	\$45,000	\$90,000
Dr. Ziv Gan-Or Funded in partnership with Pedaling for Parkinson's in Honour of Dr. John Newall	SNCA genetic variance and the progression from REM sleep behavior disorder to Parkinson disease	McGill University	\$45,000	\$45,000	\$90,000
Prof. Diana Matheoud	Mitochondria autoreactivity in PD patients as a new biomarker for the disease	University of Montreal	\$45,000	\$45,000	\$90,000
Dr. Hideto Takahashi Funded in partnership with Pedaling for Parkinson's in Honour of Dr. John Newall	Role of neurexin in the spreading of α -synuclein pathology in Parkinson's disease	University of Montreal	\$45,000	\$45,000	\$90,000

Fellow	Project Title	Institution	Amount Year 1	Amount Year 2	Total Award
Basic Research Fellowship (2 Years)					
Dr. Paul Marcogliese	Genetic and Pharmacologic Modulation of Lysosomal Stress and Sphingolipid Homeostasis in Parkinson's disease	Baylor College of Medicine (Houston, TX)	\$50,000	\$50,000	\$100,000
Dr. Mohamed Eldeeb	Investigating molecular regulators of PINK1 levels	McGill University	\$50,000	\$50,000	\$100,000
Dr. Nguyen-Vi Mohamed <i>Funded in partnership with Fonds de Recherche du Québec - Santé</i>	The spread of the alpha-synuclein protein in Parkinson's disease: study in mesencephalic organoids derived from patients.	McGill University	\$50,000	\$50,000	\$100,000

Student	Project Title	Institution	Amount Year 1	Amount Year 2	Total Award
Graduate Student Award (2 years)					
Ms. Isabella Straub	The Involvement of Mitochondrial Proteins CHCHD2 and CHCHD10 in Parkinson's Disease	McGill University	\$15,000	\$15,000	\$30,000
Ms. Dorelle Hinton <i>Funded in partnership with Fonds de Recherche du Québec - Santé</i>	Investigating the effects of Parkinson's disease on the brain structures involved in complex walking: A FDG-PET Study	McGill University	\$15,000	\$15,000	\$30,000
Ms. Marisa Cressatti <i>Funded in partnership with Fonds de Recherche du Québec - Santé</i>	Alpha-synuclein toxicity in the GFAP.HMOX1 mouse model of Parkinson's disease.	McGill University	\$10,000	\$10,000	\$20,000
Mr. Olivier Kerdiles	Does the synergy between exercise and omega-3 allow the restoration of dopamine neurons in Parkinson's disease?	Université Laval	\$15,000	\$15,000	\$30,000
Ms. Hélène Denis	Extracellular vesicles derived from erythrocyte: biomarkers of Parkinson's disease	Centre Hospitalier de l'Université Laval	\$15,000	\$15,000	\$30,000
Mr. Po Yueh Huang	Using pupil dynamics to assess cognitive functions in healthy aging and clinical populations	Queen's University	\$15,000	\$15,000	\$30,000
Mr. Shafqat Rasool	Understanding the molecular mechanisms dictating PINK1 autophosphorylation	McGill University	\$15,000	\$15,000	\$30,000