



# ACADIA UNIVERSITY

NSERC Discovery Grant Holders at Acadia University, 2015-2019

<b>Grant Holder 2019</b>	<b>Department</b>	<b>Title</b>	<b>Award</b>
Franklin Mendivil	Mathematics & Statistics	Zeta Functions in Fractal Geometry & Analysis	\$15,000/5 Years
Daniel Lametti	Psychology	Sensorimotor Learning in Complex Movements	\$33,000/5 Years
Russell Easy	Biology	Stress Biomarkers in Epidermal Mucus of Marine Fishes	\$37,000/5 years
Philip Taylor	Biology	Movement Ecology of Songbirds during Migratory periods	\$33,000/5 years
<b>Grant Holder 2018</b>	<b>Department</b>	<b>Title</b>	<b>Award</b>
Donald Steward	Biology	Molecular Evolution and Ecological Adaptation of Male-and-female-Transmitted mtDNA genomes in Bivalves	\$42,100/5 years
Nelson O'Driscoll	Earth & Environment Science	Predicting Mercury Retention and Bioavailability in Estuarine Ecosystems	\$51,000/5 years
Ian Spooner	Earth & Environment Science	Paleolimnological Assessment of the Controls on Metal Mobility in Nova Scotia	\$25,000/5 years
Jianan Peng	Mathematics & Statistics	New Methods for Multiple Comparison Procedures	\$18,000/5 years
Ying Zhang	Mathematics & Statistics	Nonparametric Statistical Inference for Time Series Trend Analysis, and Statistical Modelling Methods with Applications in Health Research and Environmental Science	\$18,000/5 years
<b>Grant Holder 2017</b>	<b>Department</b>	<b>Title</b>	<b>Award</b>
Trevor Avery	Biology	The Effects of Variability in Fisheries Conservation; Citizen Science Monitoring and Modeling	\$24,000/5 years
Neil Hillier	Biology	Pheromone blend complexity in Heliothine moths	\$52,800/5 years
Mark Mallory	Biology	Habitat Connectivity: Terrestrial and Marine Hotspots for Seabirds, Chemical Biotransport, and the role of Seabirds in Coastal Ecosystems	\$40,000/5 years
Michael Stokesbury	Biology	Detection and Avoidance of Tidal Turbines by Fishes	\$24,000/5 Years

Allison Walker	Biology	Biodiversity and Hydrocarbon Degradation Capacity of Marine Fungi	\$26,000/5 years
Elhadi Shakshuki	Jodrey School of Computer Science	Cooperative Intelligent Distributed Systems for Indoor Localization	\$20,000/5 years
Peir Pufahl	Earth & Environment Science	Ironstone, phosphorite, and nutrient cycling during Paleozoic biodiversification	\$22,000/5 years
Hugh Chipman	Mathematics & Statistics	Methods for Statistical Learning	\$29,250/5 years
Craig Bennett	Physics	Materials at the Nanoscale: Structure, Properties and Applications	\$21,000/5 years
<b>Grant Holder 2016</b>	<b>Department</b>	<b>Title</b>	<b>Award</b>
Sandra Barr	Earth & Environment Science	Building mountain belts - the Appalachian model	\$33,000/5 years
Holger Teismann	Mathematics & Statistics	Fundamental Mechanisms and Obstacles in the Bilinear Control of Schrödinger Equations	\$15,000/5 years
<b>Grant Holder 2015</b>	<b>Department</b>	<b>Title</b>	<b>Award</b>
Dave Shutler	Biology	Adaptive Nest Site Choice by Birds	\$21,000/5 years
Todd Smith	Biology	Coadaptation of Blood-Dwelling Apicomplexan Parasites and their Vertebrate and Invertebrate Hosts	\$21,000/5 years
Nancy Clarke	Mathematics & Statistics	Some Problems in Graph Theory	\$11,000/5 years