



NSERC Discovery Grant Holders at Acadia University, 2016-2021

<b>Grant Holder 2021</b>	<b>Department</b>	<b>Title</b>	<b>Award</b>
Nicoletta Faraone	Chemistry	Chemical ecology of ticks: olfaction, behaviour, chemistry and control	\$165,000/5 Years
<b>Grant Holder 2020</b>	<b>Department</b>	<b>Title</b>	<b>Award</b>
Nancy Clarke	Mathematics	Some Further Problems in Graph Theory	\$90,000/5 Years
Dave Shutler	Biology	Novel questions about avian nesting ecology	\$140,000/5 years
<b>Grant Holder 2019</b>	<b>Department</b>	<b>Title</b>	<b>Award</b>
Franklin Mendivil	Mathematics & Statistics	Zeta Functions in Fractal Geometry & Analysis	\$75,000/5 Years
Daniel Lametti	Psychology	Sensorimotor Learning in Complex Movements	\$165,000/5 Years
Russell Easy	Biology	Stress Biomarkers in Epidermal Mucus of Marine Fishes	\$185,000/5 years
Philip Taylor	Biology	Movement Ecology of Songbirds during Migratory periods	\$165,000/5 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	\$210,000/5 years
Nelson O'Driscoll	Earth & Environment Science	Predicting Mercury Retention and Bioavailability in Estuarine Ecosystems	\$255,000/5 years
Ian Spooner	Earth & Environment Science	Paleolimnological Assessment of the Controls on Metal Mobility in Nova Scotia	\$125,000/5 years
Jianan Peng	Mathematics & Statistics	New Methods for Multiple Comparison Procedures	\$90,000/5 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	\$90,000/5 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	\$120,000/5 years
Neil Hillier	Biology	Pheromone blend complexity in Heliothine moths	\$264,000/5 years
Mark Mallory	Biology	Habitat Connectivity: Terrestrial and Marine Hotspots for Seabirds, Chemical Biotransport, and the role of Seabirds in Coastal Ecosystems	\$200,000/5 years
Michael Stokesbury	Biology	Detection and Avoidance of Tidal Turbines by Fishes	\$120,000/5 Years
Allison Walker	Biology	Biodiversity and Hydrocarbon Degradation Capacity of Marine Fungi	\$130,000/5 years
Elhadi Shakshuki	Jodrey School of Computer Science	Cooperative Intelligent Distributed Systems for Indoor Localization	\$100,000/5 years
Peir Pufahl	Earth & Environment Science	Ironstone, phosphorite, and nutrient cycling during Paleozoic biodiversification	\$110,000/5 years
Hugh Chipman	Mathematics & Statistics	Methods for Statistical Learning	\$146,250/5 years
Craig Bennett	Physics	Materials at the Nanoscale: Structure, Properties and Applications	\$105,000/5 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	\$165,000/5 years
Holger Teismann	Mathematics & Statistics	Fundamental Mechanisms and Obstacles in the Bilinear Control of Schrödinger Equations	\$75,000/5 years