



## Development/ Innovative Grant 2018 - 2019 Recipients

The Development/Innovative Grant provides funding for developing and innovative health research initiatives in Nova Scotia in order to strengthen a grant submission to a peer reviewed provincial, national or international health research competition. Applications were reviewed by a Biomedical or Health Policy, Health Science and Health Outcomes committee.

**Please note:** Results below are subject to the acceptance of the terms and conditions of funding agreements and are subject to change. Final results will be posted on the NSHRF website in September 2018.

### Funding

The value of the grant is a maximum of \$15,000 for a one year funding term.

**Funded Recipients: 9**

**Total Funding: \$ 134,872**

Recipients	Project Title	Funding Amount	Funding Term
<b>Dr. John Frampton</b> School of Biomedical Engineering Dalhousie University	Development of a Novel Cell Delivery Approach for Promoting Epithelialization of Acellular Dermal Matrices	\$14,996	1 year
<b>Dr. Stephen Bearne</b> Biochemistry and Molecular Biology Dalhousie University  <b>Team Members:</b> Catherine Too (Co-Investigator) Oliver Kuehm (Associate) Amar Sharma (Associate)	Genomic Enzymology: Determining the Role of Reverse Thymidylate Synthase and Chemotherapy Resistance	\$15,000	1 year
<b>Dr. Tamara Franklin</b> Psychology and Neuroscience Dalhousie University	Investigating transgenerational information transfer resulting from adolescent stress in mice	\$14,880	1 year
<b>Dr. Rebecca Moyer</b> School of Physiotherapy Dalhousie University  <b>Team Members:</b> Derek Rutherford (Co-Investigator) Ivan Wong (Co-Investigator) Janice Moreside (Co-Investigator)	Characterizing Altered Hip Pathomechanics in Patients with Femoral Acetabular Impingement	\$14,996	1 year
<b>Dr. Aaron Newman</b> Department of Psychology & Neuroscience Dalhousie University  <b>Team Members:</b> Kiera O'Neil (Associate)	Auditory Language Processing in the Visual Cortex of People who are Blind	\$15,000	1 year

<p><b>Dr. Olga Theou</b> Department of Medicine Dalhousie University</p> <p><b>Team Members:</b> Cheryl Kozey (Co-Principal Investigator) Marilyn Macdonald (Co-Investigator) Lori Weeks (Co-Investigator) Marie Earl (Co-Investigator) Fernando Paulovich (Co-Investigator) Catherine MacPherson (Partner)</p>	<p>Examining physical activity and social interaction in relation to frailty levels in a memory care facility with real-time monitoring technology</p>	<p>\$15,000</p>	<p>1 year</p>
<p><b>Dr. Leah Cahill</b> Department of Medicine Dalhousie University/Nova Scotia Health Authority</p> <p><b>Team Members:</b> Ratika Parkash (Co-Investigator) Allie Carew (Associate) Mark Bennett (Associate) Ferhan Siddiqi (Co-Investigator) Eric Rimm (Mentor) Susan Kirkland (Mentor) Robin Urquhart (Co-Investigator)</p>	<p>Eating frequency and timing as a predictor of incident coronary heart disease in a prospective longitudinal study of Canadians</p>	<p>\$15,000</p>	<p>1 year</p>
<p><b>Dr. Crystal Dieleman</b> Occupational Therapy Dalhousie University</p> <p><b>Team Members:</b> Niki Kiepek (Co-Principal Investigator) Mohammad Hajizadeh (Co-Investigator) Teri LeDrew (Partner) Jennifer Stairs (Partner) Patryk Simon (Partner) Pamela Williams (Partner) Maureen Wheller (Partner) Claudia Mann (Partner) Pamela Marche (Partner)</p>	<p>Examining Nova Scotia's Wellness Court Programs</p>	<p>\$15,000</p>	<p>1 year</p>
<p><b>Dr. Souvik Mitra</b> Department of Pediatrics IWK Health Centre</p> <p><b>Team Members:</b> Georg Schmolzer (Mentor) Timothy Bardouille (Co-Investigator) Douglas McMillan (Mentor) Walid El-Naggar (Co-Investigator) Marsha Campbell-Yeo (Co-Investigator)</p>	<p>Effect of Routine Caregiving Interventions on Cerebral Perfusion &amp; Oxygenation in Very Preterm Infants</p>	<p>\$15,000</p>	<p>1 year</p>