

2009-10 NSHRF Competition Announcements

Student Research Awards: Funded Recipients

Program

The objective of the SRA is to reward student research excellence and provide assistance for students undertaking their own research project or program as part of their thesis-based graduate degree studies at the Masters, Doctorate, and Post Doctorate level.

Funding:

- Masters - \$16,824 per year for a maximum of one year
- Doctorate (PhD) - \$19,030 per year for a maximum of one year
- Post Doctorate - \$35,000 per year for a maximum of one year

Applicants Approved for Funding: 61 Total Funding: \$ 927,280.00

Applicant's Name Department/Faculty/School Institution	Supervisor(s)	Project Title	Award
Rob B. Adamson* Biomedical Engineering Dalhousie University	Jeremy Brown/ Manohar Bance	An Ultrasonic Probe for Imaging the Human Cochlea	Post Doc
Arash Anissian* Physiology & Biophysics Dalhousie University	Francois Tremblay	Neuroprotection by Blueberries in a Rat Model of Light-induced Retinopathy	Masters
Amanda M.E. Bettle School of Nursing Dalhousie University	Margot Latimer	Increasing Parental Involvement to Reduce Acute Procedural Pain in Children with Acute Lymphoblastic Leukemia: A Pilot Intervention Study	Masters
Amy L. Butler School of Occupational Therapy Dalhousie University	Brenda Beagan	The Effects of Social Class on the Health and Occupations of Single Mothers Receiving Social Assistance in Nova Scotia	Masters
Leslie Anne Campbell Interdisciplinary PhD Program Dalhousie University	George Kephart/ Eva Grunfeld	Excess Mortality due to Colorectal Cancer among Adults with Mental Illness in Nova Scotia	PhD
Terry R.L. Colbourne Biochemistry & Molecular Biology Dalhousie University	Neale Ridgway/ Laurent Kreplak	The Role of Oxysterol-Binding Protein Related Protein 4 (ORP4) in Intracellular Cholesterol Transport	Masters
Kendra Cann Pathology Dalhousie University	Graham Dellaire	Analysis of the Functional Interplay Between PML, TopBP1, and ATR in the Maintenance of Genome Stability and Tumour Suppression	Post Doc

Applicant's Name Department/Faculty/School Institution	Supervisor(s)	Project Title	Award
Janet R. Conrad Biomedical Engineering Dalhousie University	Cheryl Kozey/ Janie Astephen	Estimating Muscle Forces in Those With Moderate OA: Can Unloader Braces Reduce Medial Impact Loading?	Masters
Christopher D. Cowper-Smith* Psychology & Neuroscience Dalhousie University	David Westwood	Cortical Plasticity and Control of Movement Direction in Motor Cortex Following Stroke	PhD
Fiona D. Davidson Psychology Mount Saint Vincent University	Penny Corkum/ Nezihe Elik	Daytime Sleepiness in Children with ADHA: How Sleepy Are They?	Masters
Paul W.H. Dawson Microbiology & Immunology Dalhousie University	Christopher Richardson	Role of X Protein (HBx) of Hepatitis B Virus (HBV) in Regulation of Autophagy	Masters
Heidi J. Deal Atlantic Research Training Centre Dalhousie University	Neil MacKinnon	SafetyNET: Insights and Lessons Learned from a Pilot Project	Masters
Sarah Dhooge Health Professions Dalhousie University	Elizabeth Kay-Raining Bird	Internal State Language and Theory of Mind in Children with Autism	Masters
Claudette D'Souza School of Human Communication Disorders Dalhousie University	Elizabeth Kay-Raining Bird	Assessing the Need for and Availability of Speech-Language Pathology Services in Languages Other than English or French	Masters
Danielle Durepos Psychology Department Saint Mary's University	Lori Francis	Examining Acute and Chronic Stressors in Paramedics and the Factors that Influence Recovery	PhD
Matthew C. Ernst Pharmacology Dalhousie University	Christopher Sinal	The Effect of Chemerin on Glucose Homeostasis	PhD
Kristin M. Fossum Psychology Dalhousie University	Isabel Smith	Predicting Outcomes for Children with Autism Spectrum Disorders in the Nova Scotia Early Intensive Behavioural Intervention Program	PhD
Erin K. Fredericks Interdisciplinary PhD Dalhousie University	Brenda Beagan	Transforming Illness: Learning from Women as they Experience Breast Cancer in Nova Scotia	PhD
Mary P. Frenette Community Health & Epidemiology Dalhousie University	Kathleen MacPherson	Exploring a Possible Relationship Between Residential Setting and Health Service Access by Individuals Living with Intellectual Disabilities in Central Nova Scotia	Masters

* Award Declined

Applicant's Name Department/Faculty/School Institution	Supervisor(s)	Project Title	Award
Gerard J. Gaspard Biochemistry & Molecular Biology Dalhousie University	Christopher McMaster	Inherited Infantile X-linked Cardiomyopathies: Understanding the Molecular Function of Tafazzin	PhD
Jodie Gawryluk Psychology Dalhousie University	Ryan D'Arcy	A Multimodal Approach to Surgical Planning in Temporal Lobe Epilepsy	PhD
Aislin R. Graham Psychology Dalhousie University	Simon Sherry	Perfectionism Model of Depressive Symptoms: Tests of an Integrative Model	PhD
Maha M. Hammad Pharmacology Dalhousie University	Denis Dupré	The Specificity of Signaling of β 2- Adrenergic/Angiotensin (AT1) Heterodimeric Receptor Complex	Masters
Michael Hart-Matyas Pathology Dalhousie University	Timothy Lee	Role of CD8+ T Cells in Allograft Vasculopathy	Masters
Gillian L. Hatfield Engineering Department Dalhousie University	Cheryl Kozey	The Effects of Muscular Impairment on Biomechanical and Neuromuscular Gait Parameters	PhD
Bo-Ram Hong Clinical Vision Science Dalhousie University	Johane Robitaille/ Paul Artes	Visual Functions in School-Age Children with History of Prematurity	Masters
Anna Huguet Rosello Psychology IWK Health Centre	Patrick McGrath	Development and Initial Testing of a Smartphone-Based Psychological Treatment for Adolescents with Headache	Post Doc
Nicole Jackson School of Human Communications Disorders Dalhousie University	Michael Kieffe	Binaural Integraton in Bilateral Cochlear Implant Users	Masters
Kate Johnston Health Promotion Program Dalhousie University	Lois Jackson	An Examination of the Perceived Barriers to and Enablers of Active Trasporation for Midlife Women Living in Halifax, Nova Scotia	Masters
Barry E. Kennedy Biochemistry & Molecular Biology Dalhousie University	Barbara Karten	Cholesterol Trafficking to Mitochondria in Neurodegeneration	Masters
Linette D.K. Lawlor-Savage* Psychology Dalhousie University	Richard Wassersug	Personality as a Predictor of Psychosocial Adjustment in Prostate Cancer Patients and their Intimate Female Partners	Masters

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Marissa A. LeBlanc Biochemistry & Molecular Biology Dalhousie University	Christopher McMaster	The Role of Membrane Binding in the Function of the Oxysterol Binding Protein Kes1	PhD
Kathryn A. Lightfoot Faculty of Health Professions Dalhousie University	Christopher Blanchard	The Bidirectional Relationship Between Exercise and Body Image in People Living with Heart Disease	Masters
Ian R. Macdonald Anatomy & Neurobiology and Neurosciences Dalhousie University	Sultan Darvesh	Development of Butyrylcholinesterase Ligands for the Neuroimaging and Diagnosis of Alzheimer's Disease	Masters
Philippe Magown* Anatomy and Neurobiology Dalhousie University	Robert Brownstone	Restoration of Motor Activity After Transplantation of Mouse Embryonic Stem Cell Derived Motor Neurons in Peripheral Nervous System Denervation Models	Masters
Cynthia M. Mann Faculty of Health Professions Dalhousie University	Erna Snelgrove-Clarke/ Megan Aston	Knowledge and Attitudes Regarding Postpartum Depression of Community Health and Postpartum Nurses: An Exploratory Study	Masters
Jennifer Martinell Psychology Saint Mary's University	Lori Francis	The Influence of Gender on Incivility in Work-Related Email Communication	Masters
Autumn Meek Department of Chemistry Dalhousie University	Donald Weaver	Discovering Disease Altering Therapeutics for Alzheimer's Disease	PhD
Jill M. McSweeney Health & Human Performance Dalhousie University	Christopher Blanchard	Social Ecological Correlates of Exercise After Cardiac Hospitalization	Masters
Jessica Moore Microbiology & Immunology Dalhousie University	Jun Wang	The Role of Natural Regulatory T Cells in Host Response to Chlamydia Trachomatis Genital Tract Infection	PhD
Robyn Murphy Physiotherapy Dalhousie University	Gail Dechman/ Richard Wassersug	The Physiological and Psychosocial Effects of Aerobic and Resistance Exercise in Men with Prostate Cancer who are Undergoing Androgen Deprivation Therapy	Masters
Lesley K.D. Newhook English Department Dalhousie University	Marjorie Stone	Mending Rational Minds and Sensitive Souls: Health and Healing in Later-Victorian Culture and in Present Health Contexts	PhD

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Applicant's Name Department/Faculty/School Institution	Supervisor(s)	Project Title	Award
Cecilia M. Newton* Anatomy & Neurobiology Dalhousie University	Frank Smith	Autonomic Innervation of the Heart in Zebrafish and Goldfish	Masters
Timothy P. O'Leary Psychology/Neuroscience Dalhousie University	Richard Brown	Neurodegeneration. Short-Term and Long-Term Memory in the 5XFAD Mouse Model of Alzheimer's Disease	PhD
Janine V. Olthuis Psychology Dalhousie University	Margo Watt	Brief Cognitive Behavioural Treatment for High Anxiety Sensitivity: Effects on Explicit and Implicit Catastrophic Misinterpretations of Arousal Sensations	PhD
Kristen Ralph* Community Health & Epidemiology Dalhousie University	Susan Kirkland	Longitudinal Effects of Vitamin D on Bone Mineral Density for Participants from Nine Canadian Regions	Masters
Jolene A. Read Microbiology & Immunology Dalhousie University	Roy Duncan	Structure-Function Analysis of the Reovirus Fusion-Associated Small Transmembrane (FAST) Proteins	PhD
Devon P. Richardson* Community Health & Epidemiology Dalhousie University	Paul Johnson/ Geoffrey Porter	Nova Scotia Rectal Cancer Project: A Population Based Assessment of Quality and Outcomes in Rectal Cancer	Masters
Matthew P. Ryan Kinesiology Dalhousie University	Raymond Klein	Function Outcomes of Prism Adaptation in Unilateral Neglect	Masters
Nathalie Saint-Jacques Medicine Dalhousie University	Louise Parker	Arsenic and Cancer Risk in Nova Scotia	PhD
Andrea Scobie Interdisciplinary Studies Dalhousie University	Neil MacKinnon	Engaging Patients in Patient Safety	PhD
Meaghan Sim Interdisciplinary PhD Program Dalhousie University	Sara Kirk	Choice of Circumstance – Exploring Breastfeeding Practice as Influenced by Maternal Weight Status and Food Insecurity in Low Income, Nova Scotian Mothers	PhD
Joanna E. Slusar Pharmacology/ Neuroscience Dalhousie University	Melanie Kelly	The Impact of Advanced Age on Retinal Microvasculature in the Animal Models of Glaucoma	Masters
Naomi Stright* Psychology Acadia University	Michael Leiter	What's The Use of Excuses? Implications of Incivility Rationales in the Workplace	Masters

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Brenda Tse Pathology Department Dalhousie University	Graham Dellaire	The Role of Promyelocytic Leukemia (PML)-Isoform I Specific Protein-Protein Interaction in the Regulation of Post-Transcriptional Gene Expression	Masters
Jennifer Vriend Clinical Psychology PhD Program Dalhousie University	Penny Corkum/ Benjamin Rusak	Effects of Sleep on Daytime Functioning in Children	PhD
Kirsten A. Walker Community Health & Epidemiology Dalhousie University	Susan Kirkland	Retrospective Cohort Study of Coronary Heart Disease in the Older HIV-Positive Population	Masters
Samantha White* Community Health & Epidemiology Dalhousie University	Donald Langille	Impact of Knowledge, Attitudes, Beliefs and Perceived Access Barriers on Intentions to Use Emergency Contraception in Women in Nova Scotia	Masters
Leah M. Wood Clinical Vision Science Program Dalhousie University	Francois Tremblay	The Impact of Anesthesia on Neuronal Activity: An In Situ Retinal Model Looking at Isoflurane, Propofol and N2O	Masters
Paul Yaffe Medical Sciences Dalhousie University	David Hoskin/ Mark Walsh	Growth Inhibitory Effect of the Phytochemical Piperine on Human Colon Carcinoma Cells	Masters
Pascal D. Ziltener Microbiology & Immunology Dalhousie University	Brent Johnston	The Role of Gamma Delta T Cells in Host Defence Against Pseudomonas Aeruginosa Lung Infection	Masters

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