

November 2020 Research Fund Competition Results

Category 1: Experienced Researchers (NS Health staff, physicians and affiliate scientists)			
Study Name	Principal Investigator	Award Amount	Priority Area
Optimizing donor and recipient matching in deceased and live donor kidney transplantation using machine learning	Dr. Karthik Tennankore	\$94,570	Chronic disease management
ACTing collectively to map and address the needs of community-living older adults in Nova Scotia	Grace Warner, PhD	\$99,308	Aging and continuing care; Chronic disease management
A novel cancer biomarker: Prediction models for arsenic-induced cancer risk using artificial intelligence-based data analytics methods for evidence-based cancer prevention and early detection	Jong Sung Kim, PhD	\$93,000	Chronic disease management
The Unsung heroes: Long term care staff's quality of work life	Janice Keefe, PhD	\$97,421	Aging and continuing care

Category 2: Early Career Researchers (within first five years of research career)			
Study Name	Principal Investigator	Award Amount	Priority Area
Oral bowel prep compared to fleet enemas for transanal endoscopic microsurgery: A randomized controlled trial	Dr. Katerina Neumann	Budget \$56,770	Chronic disease management
Novel cooling device for the elimination of warm ischemia during renal transplantation	Dr. Thomas Skinner	\$97,500	Chronic disease management
From perspectives to practice: Drawing on narratives and incorporating an equity, diversity,	Kelly Lackie, PhD	\$74,914	Vulnerable populations

Category 2: Early Career Researchers (within first five years of research career)			
and inclusion lens to understand, create, and establish psychological safety in interprofessional simulation-based education			
Factors describing cognitive fatigue in neurological conditions	Sorayya Askari, PhD	\$93,800	Chronic disease management

Category 3: All Researchers (NS Health staff, physicians and affiliate scientists)			
Study Name	Principal Investigator	Award Amount	Priority Area
Location-based physical activity and sedentary time in cardiac rehabilitation patients and their partners	Chris Blanchard, PhD	\$49,298	Chronic disease management
Predictors of outcome in mood disorders (depressive and bipolar disorders) with focus on the course of comorbid anxiety disorders	Barbara Pavlova, PhD	\$49,799	Mental health and addictions
"A pilot study comparing two different surgical approaches (midline versus paramedian) to the lumbar spine (lower back) for treatment of degenerative spinal conditions	Dr. Andrew Glennie	48,109	Chronic disease management
Screening for gestational diabetes mellitus and postpartum type 2 diabetes: A retrospective cohort study using primary care electronic data	Dr. Helena Piccinini-Vallis	\$31,706	Chronic disease management; Vulnerable populations
Translating basic science discoveries: Expression of major enzymes in NAD+ synthesis in patients with multiple myeloma, a potential target in refractory cases	Dr. Mahboubeh Rahmani	\$49,797	Chronic disease management

Category 4: Students and Trainees			
Study Name	Principal Investigator	Award Amount	Priority Area
Cardiac Surgery national outcomes initiative	Dr. Claudia Cote	\$5,800	Chronic disease management
Outcomes after lung or esophageal cancer surgery in patients with severe and persistent mental illness as compared to matched controls	Dr. Shiloh Ricciotti	\$6,885	Chronic disease management; mental health and addictions
Factors associated with initial and continued use of the nova scotia early psychosis program	Abbey Burns	\$1,000	Mental health and addictions
Exploring associative memory mechanisms in cannabis users with trauma histories: relevance to understanding PTSD-CUD comorbidity	Sarah DeGrace	\$5,808	Mental health and addictions
An Exploration of the evolving perception of quality of life from the perspective of individuals living with a cervical spinal cord injury	Dr. Erika Leck	\$6,958	Vulnerable populations