

Canadian Institutes of Health Research (CIHR) Project Grant: Fall 2024 Competition

Recipient	Host Institution	Project Title
Pascal Bernatchez	University of British Columbia	Activation of the chronic endothelial function reserve for the prevention and regression of aortopathies
Craig Brown	University of Victoria	Understanding the role of endothelial calcium waves in regulating microcirculatory function in brain health and injury due to stroke
Molly Cairncross	Simon Fraser University	Mindfulness App for Concussion Recovery (MACRO) feasibility trial: A digital mindfulness-based intervention for adolescents with persisting symptoms after concussion
Mark Cembrowski	University of British Columbia	A detonator neuron driving the cellular and behavioural expression of seizures
Kora DeBeck	Simon Fraser University	Responding to the toxic drug crisis: Examining novel substance use interventions for young people who use drugs in British Columbia
Quynh Doan	University of British Columbia	Cultural Adaption and Validation of MyHEARTSMAP, a Digital Psychosocial Instrument, For Chinese Youth and Families in Canada
Barbara Mintzes	University of British Columbia	Safety Advisories Framework for Effective Risk communication - Phase 2 (SAFER-2)
Bohdan Nosyk	Simon Fraser University	The SUPPORT Project: Evaluating Substance Use Perinatal Programs to Optimize Resources and Treatment
Mark Gilbert	University of British Columbia	Adapting self-collection STBBI testing models for rural and remote communities in BC
Brett Hilton	University of British Columbia	The role of calcium-dependent vesicle release in corticospinal axon regeneration
Rubee Dev	University of British Columbia	Co-development and Evaluation of Video Resources to Support Racialized Women's Postpartum Mental Health
Robert Hogg	Simon Fraser University	EnGendering community-led research at the intersection of HIV and the substance poisoning crisis: Developing a framework for collaborative administrative data research
Corinne Hohl	University of British Columbia	Optimizing outcomes for patients presenting to emergency departments with opioid poisoning
Dustin King	Simon Fraser University	CO2-dependent protein carboxylation as a biochemical mechanism of CO2 sensing in pathogens
Jayachandran Kizhakkedathu	University of British Columbia	Self-sterilizing Blood Storage Devices for Safer Transfusion of Platelets and Whole Blood
Calvin Kuo	University of British Columbia	Assessing Remote Technologies for Return to Sport after Anterior Cruciate Ligament Injury in Children
Christopher Loewen	University of British Columbia	Characterizing new functions for tethering proteins at membrane contact sites in budding yeast
Brian MacVicar	University of British Columbia	Lipid Nanoparticle-messenger RNA (LNP-mRNA) as a versatile therapeutic platform for brain diseases
Hongshen Ma	University of British Columbia	Red Blood Cell Deformability and Imaging as Biomarkers of Circulatory Clearance Time

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Louise Masse	University of British Columbia	Bridging the gap: Evaluating the real-world impact of Comprehensive School Health initiatives on physical activity, nutrition, and mental health/well-being of elementary school children
Jeffrey Masuda	University of Victoria	Holding space for Indigenous re-narration of urban wellness, self-determination, and community flourishing in colonial Vancouver's Downtown Eastside's Single Room Occupancy Hotels
Orson Moritz	University of British Columbia	New animal models of retinal disease with retinal deposits
Ryan Rhodes	University of Victoria	Reframing Retirement: An Examination of Identity Change and Self-Regulation Approaches to Promote Physical Activity
Travis Salway	Simon Fraser University	Mental health and social supports of transgender and gender expansive adolescents in the context of shifting school-based policies in Canada: A mixed methods study
Laura Schummers	University of British Columbia	Effect of Canada's first universal contraception subsidy on access, pregnancy outcomes, and costs: a population-based controlled interrupted time series study
Noah Silverberg	University of British Columbia	Personalized symptom mapping to understand and treat persistent post-concussion symptoms
Christian Steidl	University of British Columbia	Cellular ecosystems of nodular lymphocyte predominant Hodgkin lymphoma
Francois Benard	University of British Columbia	Precision Radiopharmaceutical Therapies with Theranostic Digital Twins
Victor Viau	University of British Columbia	Sex differences in inflammatory, neuroendocrine and behavioural responses: Impact of corticosteroid-binding globulin deficiency
Yemin Wang	University of British Columbia	Leveraging Epigenetic Reprogramming for Targeted Therapy in ARID1A/ARID1B Dual-Deficient Cancers
Kevin Wei	University of British Columbia	Molecular mechanisms and genomic consequences of transposable element hijack strategies during embryogenesis
Jacqueline Whittaker	University of British Columbia	Preventing symptomatic post-traumatic osteoarthritis in young people at high risk: The Stop OsteoARthritis (SOAR) Randomized Controlled Trial
Matthew Wiens	University of British Columbia	Smart Discharges for newborns with sepsis: a personalized public health approach for improving discharge and post-discharge care in low-resource settings
Calvin Yip	University of British Columbia	Investigating the molecular mechanism of autophagosome-lysosome fusion