
BACKGROUND



University
of Regina

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CONTACT: Name: Everett Dorma
University Advancement & Communications
Phone: 306-337-8451
Email: Everett.Dorma@uregina.ca

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Additional U of R research projects receiving federal funding

Also announced today were Canada Foundation for Innovation (CFI) grants, National Science and Engineering Research Council (NSERC) grants, Social Sciences and Humanities Research Council (SSHRC) grants, and other tri-agency scholarships and funding. As part of today's federal bundled announcement, the following University of Regina researchers received funding:

Canada Foundation for Innovation (CFI) Innovation Fund:

Garth Huber, *Solenoidal Large Intensity Device (SoLID) Heavy Gas Cherenkov Detector*, \$509,500

National Science and Engineering Research Council (NSERC) Alliance Grants:

Irfan Al-Anbagi, *Internet of Things Partial Discharge Detection (PD) System*, \$25,000

Abdul Bais, *Developing Machine Learning Methods for RGB Images to Quantify Crop and Weed Populations Across Agricultural Fields*, \$300,000

Howard Hamilton, *Software Design for Forecasting Populations in Custody and Analysis of Telephone Call Metadata*, \$300,000

Orland Hoeber, *Exploratory Search for Digital Humanities: A Feasibility Study*, \$25,000

Golam Kabir, *Multi-dimensional Resilience Framework Development for Culvert Infrastructure Systems*, \$25,000

Mehran Mehrandezh, *Flight Control of an Unmanned Aerial Manipulator*, \$25,000

Leslie Robbins, *B_RiSkET - Brine Resources in Saskatchewan: Exploration Tools*, \$60,000

Christopher Somers, *Climate change mitigation and adaptation: fisheries changes from phasing out coal-generated electricity*, \$50,900

Jinkai Xue, *Integrated methods to treat per- and polyfluoroalkyl substances (PFAS)-contaminated water matrices*, \$25,000

Jinkai Xue, *Can water treatment residual be useful? A preliminary investigation in the Canadian Prairies*, \$50,000

Jinkai Xue, *3-D printed dynamic membrane modules for wastewater treatment and reuse*, \$50,000

Zhanle Wang, *Design, modeling and optimization of a hybrid wind-gravity energy system*, \$25,000

Social Sciences and Humanities Research Council (SSHRC) Insight Development Grants:

Lindsey French, *Olfactory Media Library*, \$45,236

Jennifer MacDonald, *Seeing, Reading, and Experiencing the World Differently: Interdisciplinary Possibilities of Counter-Mapping for Truth and Reconciliation Education*, \$54,971

Safoura Moeeni, *Do Partial Unemployment Insurance Programs Work? Evidence from the Canadian Working While on Claim Pilot Project*, \$54,740

Alexandra Stoddart, *Physically Literate Women, May We Know Them and Be Them: An Exploration into the Development of Physical Literacy through Young Women's Lived Experiences in High School Physical Education*, \$49,474

Tri-Agency Graduate Scholarships and Fellowships:

Ayomide Adedun, SSHRC Canada Graduate Scholarship Masters, *Stereotype Threat and Institutional Betrayal: Do Microaggressions Influence Cognitive Performance of Women and Racial Minorities?* \$17,500

Nicole Banton, SSHRC Canada Graduate Scholarship Masters, *Artificial Intelligence as a Subject and Method in Contemporary Printmaking*, \$17,500

Whitney Blaisdell, SSHRC Canada Graduate Scholarship Doctoral, *Co-creating children's outdoor play opportunities amongst urbanization in the Canadian prairies*, \$105,000

Alexa Danyluk, CIHR Canada Graduate Scholarship Masters, *The Impact of Unmet Social Support Needs on Coping Behaviour and Depressive Symptoms in Chronic Pain Populations*, \$17,500

Rachel Evans, NSERC Canada Graduate Scholarship Masters, *Exploring a New Subgraph of Cayley Graphs*, \$17,500

Shannon Fayant, SSHRC Doctoral Fellowship, *Educational Leadership Stories of Métis Iskwêwak (Women)*, \$40,000

Jade Fisher, NSERC Canada Graduate Scholarship Masters and Indigenous Scholars Supplement, *Characterizing the Molecular Function of ARSACS Disease-Related Protein, Sacsin*, \$27,500

Siham Hagi Hussein, SSHRC Canada Graduate Scholarship Masters, *Biases in Adults' Truth and Lie Judgements of Black Children's Statements: The Impact of Anti-Black and Colour-Blindness Attitudes*, \$17,500

Jasleen Kaur, SSHRC Canada Graduate Scholarship Masters, *Parenting Behaviours, Paternal Postpartum Depression, and Child Social-Emotional Development during COVID-19*, \$17,500

Trudy Keil, SSHRC Doctoral Fellowship, *Exploring teacher activism within and beyond the union in Saskatchewan*, \$40,000

Juliana Khoury, SSHRC Doctoral Fellowship, *Sexual violence among Royal Canadian Mounted Police officers: An iterative search for solutions*, \$80,000

Caleigh Landry, CIHR Canada Graduate Scholarship Doctoral, *Examining the impact of content delivery method on internet-delivered cognitive behaviour therapy satisfaction and effectiveness in public safety personnel*, \$105,000

May Ly, SSHRC Doctoral Fellowship, *Understanding the Role of Dependence and Trust in Institutions on Wellbeing: A Mixed-Methods Study of Institutional Betrayal*, \$80,000

Katie MacDonald, SSHRC Canada Graduate Scholarship Masters, *Victim Blaming in the Courtroom: The Influence of Attorney Gender on Juror Decision-Making*, \$17,500

Kamogelo Matebekwane, SSHRC Doctoral Fellowship, *An ethnographic study of Black children's identity construction in early childhood education*, \$60,000

Sherjan Maybanting, SSHRC Canada Graduate Scholarship Masters, *Understanding the Settlement and Integration of Newcomer Filipinos from Canada's Economic Based Immigration in Rural Saskatchewan: An Antiracist and Anticolonial Constructivist Grounded Theory Analysis*, \$17,500

Katlin McCallum, NSERC Canada Graduate Scholarship Masters, *Changes to the Environment and Aquatic Community of Boundary Reservoir Associated with the Phase Out of Fossil Fuels*, \$17,500

Kaila Neigum, NSERC Canada Graduate Scholarship Masters, *Second Life Batteries for Electric Vehicle Charging Stations*, \$17,500

Abby Phillips, SSHRC Canada Graduate Scholarship Masters, *Exploring the potential of reading blog posts to improve well-being of parents of children with mental illness*, \$17,500

Colin Rieger, CIHR Canada Graduate Scholarship Masters, *Characterization of Staphylococcus aureus susceptibility to antibiotics in Synthetic Wound Fluid*, \$17,500

Bethany Sander, NSERC Canada Graduate Scholarship Doctoral, *Experimental Investigation of the Biopsychological Mechanisms Underlying Estradiol-Related Mood Changes*, \$105,000

Laura Schnell, NSERC Canada Graduate Scholarship Masters, *Capturing and sequencing plasmids in Saskatchewan's Qu'Appelle River catchment*, \$17,500

Robyn Shields, CIHR Canada Graduate Scholarship Doctoral, *Validation and psychometric properties of a proposed PTSD screening measure for Canadian PSP*, CIHR Doctoral Award, \$105,000

Ogle Whitney, NSERC Canada Graduate Scholarship Masters and Indigenous Scholars Supplement, *The Unveiling of a Lakota Winyan (Woman): A Self-Study in Reclaiming Lakotayapi (Lakota Language)*, \$27,500

In addition, the U of R received funding from:

Research Support Fund total: \$3,037,329

The Research Support Fund assists Canadian postsecondary institutions with the costs associated with managing their research enterprise, helping them to maintain a world-class research environment.

Incremental Project Grants total: \$27,289

The Incremental Project Grant is a stream of the Research Support Fund that provides further support for the indirect costs of research.