

2018 CoMRAD Summary

In 2018, the Office of the Vice-Dean Research invested a total of **\$851,947.49** in the College of Medicine Research Awards (CoMRAD) program, providing seed funding for **34 novel, pilot research projects** spearheaded by College of Medicine faculty. **\$651,947.49 of the total dollar amount awarded was made possible through our College of Medicine donor funds.**

Successful 2018 CoMRAD Projects:

Principal Investigator	Project Title
Dr. Camelia Adams	<i>Effectiveness of the Early Psychosis Intervention Program and the Examination of Risk Factors Interfering with its Use</i>
Dr. Deborah Anderson	<i>Identification of new drugs to treat triple negative breast cancer</i>
Dr. Catherine Arnold	<i>The effect of yoga on decreasing the risk of fall-related injury in peri- and post-menopausal women</i>
Dr. Veronica Campanucci	<i>Dysregulation of protein degradation in diabetic autonomic neuropathy</i>
Dr. Payam Dehghani	<i>Heart Failure after Laboratory-Confirmed Influenza Infection (FLU-HF)</i>
Dr. Oleg Dmitriev	<i>Identification of the primary activity of a breast cancer metastasis modulator MEMO1</i>
Dr. Sarah Donkers	<i>Advancing clinical gait analysis in children with arthritis to enhance care and disease outcomes</i>
Dr. Sharyle Fowler	<i>Cannabidiol in IBD: Assessment of current use in Saskatchewan and Phase I dose escalation study</i>
Dr. Andrew Freywald	<i>The role of mitochondrial fission in triple-negative breast cancer tumor-initiating cells</i>
Dr. Regina Gjevrev	<i>Early osteoarthritis detection in women with hypermobility of the first carpometacarpal joint</i>
Dr. Gary Hunter	<i>Focused cardiac ultrasound in stroke: a feasibility study</i>
Dr. GeorgeKatselis	<i>Proteomics Studies in Parkinson's Disease</i>
Dr. Michael Kelly	<i>Characterizing iron dysregulation in the brain after thrombolytic treatment for ischemic stroke.</i>
Dr. Soo Kim	<i>Breast Cancer Survivors Rehabilitation Needs Assessment -BRA</i>
Dr. Niels Koehncke	<i>Worker Radiation Safety Practices During Mobile Equine Radiography</i>
Dr. David Kopriva	<i>The utility of endovascular radiation to treat vascular prosthetic graft infections</i>
Dr. Kerry Lavender	<i>IFNα subtype-specific gene expression</i>
Dr. Joshua Lawson	<i>An investigation into the relationship between childhood asthma and mental health conditions</i>
Dr. Rohit Lodhi	<i>Treatment of weight gain and metabolic syndrome in psychotic patients on clozapine using psychostimulants</i>
Dr. Donald McCarville	<i>Blood Markers and AVF Maturation in an End Stage Renal Disease</i>
Dr. Erick McNair	<i>Prevention of Acute Kidney Injury during Cardiopulmonary Bypass-supported cardiac surgery: Role of Matrix Metalloproteinases.</i>
Dr. Joseph Ndisang	<i>Characterization of the structure and functions of the glycocalyx in the microvasculature in primary aldosteronism</i>
Dr. Punam Pahwa	<i>Predictive Biomarkers of Cardiovascular Disease</i>
Dr. Juan-Nicolas Pena-Sanchez	<i>Understanding Inflammatory Bowel Disease (IBD) among Indigenous people in Saskatchewan</i>
Dr. Erika Penz	<i>Exploration of End of Life Care in Lung Cancer and COPD</i>
Dr. Mateen Raazi	<i>Risks associated with referral for pediatric dentistry under General Anesthesia: A Saskatchewan profile and recommendations for change</i>
Dr. Rabia Shahid	<i>Effectiveness of Pre-Operative Per-Protocol Selective Testing Versus Routine Testing in Elective Joint Replacement Surgery</i>
Dr. Stuart Skinner	<i>Integrating Indigenous culture with HIV care to reduce HIV-related stigma and enhance HIV screening, diagnosis and linkage to care</i>
Dr. Scot Stone	<i>Using Genome Editing to Add a FLAG Epitope to Endogenous Diacylglycerol Acyltransferase-2 in Human Adipocytes</i>
Dr. Maruti Chandra Uppalapati	<i>Targeting telomerase overexpression induced vulnerabilities in prostate cancer</i>
Dr. Valerie Verge	<i>Establishment of an MS model to investigate a novel therapeutic intervention</i>
Dr. Joyce Wilson	<i>Assessing how microRNA binding restructures the Hepatitis C virus genome and modulates protein binding to promote genome replication</i>
Dr. Alexander Wong	<i>The Nursing Initiated Community HIV/Hepatitis Engagement (NICHE) Project</i>
Dr. Jim Xiang	<i>Critical role of FAK/RhoA in regulation of mTORC1/PKM2 pathway controlling epithelial-mesenchymal transition of triple-negative breast cancer</i>