

Principal Investigator(s)			Department	Project Title
Dr.	AbuArish	Asmahan	Anatomy, Physiology, and Pharmacology	<i>Ceramide species modulation by cigarette smoke in a COPD cell model</i>
Drs.	Bath and Gary Groot	Brenna	Community Health and Epidemiology & School of Rehabilitation Science	<i>Feasibility and Acceptability of a Physical Therapist Led Education and Exercise Program for People Living with Osteoarthritis Awaiting Hip or Knee Total Joint Arthroplasty</i>
Drs.	Cayabyab & Mohan Babu	Francisco	Surgery	<i>Functional and Biochemical Interactions of the Neurotrophic Factor Neudesin with PINK1 and DJ-1 in Dopaminergic Neurons: Implications for Parkinson's Disease</i>
Drs.	Harkness & Terra Arnason	Troy	Biochemistry, Microbiology, and Immunology & Department of Medicine	<i>Identification of molecular mechanisms governing the onset of multiple drug resistant cancer and reversal by activation of the Anaphase Promoting Complex</i>
Dr.	Katselis	George	Medicine (CCHSA)	<i>Applications of Proteomics to Study Vibration-Related Micro-Concussions</i>
Dr.	Kobryn	Kerri	Biochemistry, Microbiology, and Immunology	<i>Development of Borrelia IS605B as a Programmable Genomic Mutator</i>
Dr.	Krishnan	Anand	Anatomy, Physiology, and Pharmacology	<i>Systematic screening of the molecular repertoire of growth primed ganglia for peripheral nerve repair</i>
Dr.	Kumar	Anil Victoria Ansalem	Biochemistry, Microbiology, and Immunology	<i>The role of human small ORF encoded proteins on virus life cycle</i>
Dr.	Lang	Angelica	Medicine	<i>Shoulder function measurement for everyone: a validation study of wearable sensors for community-driven research</i>
Dr.	Leis	Anne	Community Health and Epidemiology	<i>Forever in Motion in Indigenous Communities – a Pilot Project</i>
Dr.	Lok	Stacey	Medicine, Respiriology	<i>Induced Sputum and Bronchoalveolar Lavage Analysis in Interstitial Lung Disease</i>
Dr.	Marcoux	Veronica	Medicine	<i>Evaluation of peripheral eosinophil blood cell counts as potential prognostic indicators in fibrotic ILD</i>
Dr.	Mousseau	Darrell	Psychiatry	<i>Establishing whether sex influences the expression and activity of presenilin-1(.VRSQ), a splice-site variant that promotes markers of Alzheimer disease</i>

Dr.	Norton	Jonathan	Surgery	<i>Development of Spinal Motor Neuron Properties in Children</i>
Drs.	Orvold & Joelle McBain	Melanie	Anesthesiology	<i>Pursuing equity, diversity, and inclusion in academic medicine: an action research study aimed at gender equity</i>
Dr.	Petryk	Susan	Pediatrics	<i>Virtual Fetal Alcohol Spectrum Disorder Facial Photo Analysis: Validating and Optimizing the Process</i>
Dr.	Prasad	Bhanu	Medicine	<i>Decoding the ultra-rare disease - Loin Pain Hematuria Syndrome</i>
Drs.	Ramsden & Mela Mansfield	Vivian	Family Medicine and Psychiatry	<i>que miskahsoh (finding yourself): Breaking the Cycle</i>
Drs.	Sawicki & Robert Skomro	Greg	Anatomy, Physiology, and Pharmacology & Department of Medicine	<i>The Influence of Continuous Positive Airway Pressure Therapy on Matrix Metalloproteinase Levels and Markers of Inflammation in Patients with Obstructive Sleep Apnea</i>
Dr.	Taghibiglou	Changiz	Anatomy, Physiology, and Pharmacology	<i>SREBP1 inhibitors in treatment of glioblastoma multiforme</i>
Dr.	Widenmaier	Scott	Anatomy, Physiology, and Pharmacology	<i>CRISPR screen to identify TNF-induced hepatic modifiers of reverse cholesterol transport</i>
Dr.	Wiebe	Sheldon	Medical Imaging	<i>PSMA-Targeted Radionuclide Therapy of Hepatocellular Carcinoma in a Woodchuck Model</i>
Dr.	Xiao	Changting	Anatomy, Physiology, and Pharmacology	<i>Characterization of Gut-Derived Bioeffectors and Biomarkers of Metabolic Diseases</i>