

STUDENT NAME	PROJECT TITLE
APP Breakout Room #1	
Andres, Erica	Pharmacodynamics of Nine Synthetic Cannabinoid Receptor Agonists at CB1R and CB2R
Deutscher, Ty	Evaluating the Role of Dorsal Mossy Cells in Cognitive and Affective Behaviors Using Optogenetics
Dixon, Annika	Sebum and Cerumen Analysis for the Identification of Biomarkers in Parkinson's Disease and Related Disorders". First choice for category is Anatomy, Physiology & Pharmacology. Second choice for category is Biochemistry, Microbiology & Immunology
Ekwunife, Maureen	Investigating the role of Elk3 in zebrafish lymphatic development
Hassan, Mahrukh	Exploring the Effects of PITX2C Deficiency on Fatty Acid Metabolism
Hernandez, Aniela Zyna	Investigating bidirectional heart—brain vascular cross talk in zebrafish models of atrial fibrillation
Monsman, Isabelle	Revealing a new interacting partner for MANF for its neurotrophic actions
Proctor, Janelle	The role of RNA binding protein dysfunction in neuronal synaptic pathology
Sandhu, Uday	Uptake of Gut-Derived Extracellular Vesicles into Rat Aortic Endothelial Cells
Shaarawy, Hana	Investigating the Contribution of Ribosomal Dynamics to Integrated Stress Response Defects in Cystic Fibrosis
Ziola, Shelton Reece	Investigating the Effects of Dysfunctional Heterogenous Nuclear Ribonucleoprotein A1 on Mitochondrial Protein Abundance in Multiple Sclerosis
BMI Breakout Room #2	
Antu, Adina Kallarakkal	Nanobody-assisted Structural Analysis of Copper Transporter ATP7B
Beblow, Halle	Comparative analysis of interferon-alpha subtype potency against Epstein-Barr virus
Cameron, Josh	Exploring the Interactions between E. coli Curli and Human Amyloid Beta Peptides
Chowdhury, Isfar	Lipidomics and HLA Molecular Mismatch in Alloimmune Kidney Transplant Rejection
Delainey, Andrew	Spermidine Acts as a Co-Regulator of RpoS Dependent Gene Expression and Bacteriophage Induction in Borrelia Burgdorferi
Goodwin, Presly	Microbiota-Derived Metabolites Activate the Type II Secretion System of Citrobacter rodentium
Gosselin, Anna	Differential Effects of Copper Binding to the Cell Motility Regulator MEMO1
Govardhan, Atharv	Blood Proteomics to Evaluate the Impact of Whole-Body Vibration on Cognitive Impairment Using a Rat Model
Maduck, Colby	Generation of OmpT Variants for Functional Analysis
Noor, Isha	HLA-B -21 Leader Mismatch and CMV Persistence Following Kidney Transplantation

Scrivens, Matt	Generating Single Gene Knockouts in Salmonella enterica Serovar Typhimurium and Testing their Survival in Water
Swetlikoff, Gabriel	Development of a Gene Knock-in Protocol Using Cas12a RNPs for Fluorescent Labelling of Mitochondrial Antiviral Signaling Protein
Thakkar, Stuti	Investigating iron piracy in the opportunistic, emerging, multidrug-resistant pathogen Morganella morganii.
Community & Indigenous Health Breakout Room #3	
Hothi, Gurraj	Evaluating an Enhanced Supervision Model in a Canadian Practice-Ready Assessment Program: A Multi-Method Program Evaluation
Kaur, Sukhman	Prevalence of Genetic Variants in Patients with Cardiomyopathies: A Saskatchewan Cohort Review in Comparison to International Data
Philipchuk, Jakob	Illness Perception and Mediterranean Diet Adherence Among Adults with Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD)
Whyte, Erika	How do shoulder kinematics change in a progressive overhead lifting task?
Zafar, Maheen	The sense of belonging and its health impacts: A review of Canadian evidence
Medical Education Breakout Room #4	
Bernath, Daymond	Disability Disclosure, Accommodation, and Ableism in Medical Education: A Mixed-Methods Study
Fabella, Emmanuel	Patient Oriented Discharge Summaries in the ICU: A Scoping Review
Haas, Daly	Evaluating the Impact of Wellness Initiatives on Resident Wellbeing and Learning Environment Perceptions
LaBelle, Xavier	Needs Assessment for Emergency Medicine Program Development in South Sudan
Lanke, Vaidehee	Evaluating artificial intelligence models for gastrointestinal polyp detection
Morphy, Elise	Thriving as Co-Educators: A Scoping Review of People with Intellectual and Developmental Disabilities in Health Professional Curriculum
Moustapha, Hamza	Artificial Intelligence in Pre-Clerkship Medical Education: A Review and Synthesis of the Literature
Medical Imaging Breakout Room #5	
Bither, Aniket	Quality Improvement in Thyroid Fine Needle Aspiration: A Retrospective Review of Ultrasound, and Surgical Outcomes in Regina, Saskatchewan
Choksi, Kathan	Nearly One in Three Hip and Knee MRIs May Be Inappropriate: A Retrospective Study of 3,139 MRIs in Regina
Dallaire, Shannon	Mechanisms and Imaging Correlates of Coronary Microvascular Dysfunction
Etagiuri, Abdu	Diagnostic Reliability of the Radiographic Features of Acetabular Retroversion

Hydomako, Aidan	Quantifying Resection and Ablation Extent in Mesial Temporal Epilepsy Surgery: A Scoping Review of Methods, Anatomy, and Outcomes
Katz, Benjamin	Super Large-Bore Aspiration in Acute Ischemic Stroke: Developing a Vessel–Device Geometry Database to Predict First-Pass Effect and Clinical Outcomes
Obi, Tasin	Temporal FTIR Imaging of Biochemical Changes Following Intracerebral Hemorrhage
Pally, Maxwell	Chemically specific X-ray fluorescence imaging of phosphorus
Obstetrics and Gynecology Breakout Room #6	
Geu, Aluk	Assessing Multidimensional Postpartum Recovery Among Women in Saskatchewan
Jacob, Sharon	Accuracy and Quality of AI-Generated Documentation in Gynecology: A Prospective Paired Comparison Using Standardized Patient Encounter
Klatt, Carlie	Postpartum Depression and Sleep Quality in Saskatchewan
Power, Sarah	Reoperation Rates After Primary Repair of Obstetric Anal Sphincter Injuries (OASIs): Insights from a Canadian Tertiary Centre
Reekie, Jordan	Predictive Value of Asymptomatic Bacteriuria in Pregnancy for Recurrent Urinary Tract Infection During Pregnancy and Postpartum
Shafiq, Ayesha	Clinical Validation of NiADA (Non-invasive Anemia Detection with Artificial Intelligence) for Screening of Hemoglobin in Postpartum Women
Oncology Breakout Room #7	
Allan, Samantha	The Effect of the A3B-HUWE1 Protein-Protein Interaction on cMyc in Breast Cancer
Asim, Sarim	AI model validation and utilization in skin cancer classification
Jacob, Jeshua	Characterization of Platelet-Complement Protein-Protein Interactions Using Mass-Spectrometry Based Proteomics
Johannson, Morgan	Evaluating the anti-metastatic activity of the CLIC3 inhibitor BP370 in triple-negative breast cancer cell lines
Jones, Scott	Retrospective Analysis of Metastatic Bladder Cancer Patient Outcomes Receiving Enfortumab Vedotin in the Province of Saskatchewan
Mak, Janice	DDX41 in Nuclear Speckles and Myeloid Malignancies
Martin, Rhea	Inhibition of Telomerase by APOBEC3A Decreases Telomere Length
Mehdi, Laraib	Role of CHRM4 in Lung Cancer Progression and Metastasis
Prasad, Nanditha	Exploring Perineural Invasion Model for Breast Cancer Recurrence studies
Prollius, Jenna	Retrospective Evaluation of Immunoglobulin Replacement Therapy in Relapsed/Refractory Multiple Myeloma Patients Treated with BCMA Bispecific Antibodies
Saghir, Hamza	Impact of Diabetes Mellitus on Pathologic Complete Response and Disease-Free Survival in Following Neoadjuvant Therapy In Stage I–III Breast Cancer

Pediatrics Breakout Room #8	
Ababei, Andreea	Clinical Profile of Febrile Infants Aged ≤90 Days Admitted to the Pediatric Ward at Regina General Hospital
Adams, Ethan	Using Stem Cells to Understand and Treat Early Signs of X-Linked Adrenoleukodystrophy
Braaten, Grace	Eye Taping in Pediatric Anesthesia: A Randomized Pilot Study of Medical Adhesive-Related Skin Injury (MARSI) and Ocular Outcomes
Greene, Rowen	Pediatric cancer presenting with anterior mediastinal mass in Saskatchewan: mixed methods case series
Haan, Ilne	Neurodiversity-Affirming Care: a lens through which stories are interpreted and understood
Schlosser, Jenna	Impact of a standardized provincial algorithm on oncofertility practices for pediatric cancer patients in Saskatchewan
Shaban, Sarah	Understanding Treatment-Seeking Decisions for Patients Needing Stem Cell Transplantation
Psychiatry Breakout Room #9	
Buskey, Donovan	Trends in Psychotic Symptoms Among Adolescents Admitted to the Regina Youth Detoxification Unit: A Retrospective Cohort Study
Byambatseren, Elizabeth	Investigating Monoamine Oxidase-A Protein Interactions in the Context of Alzheimer's Disease
Ehidihamhen, Emmanuella	Optimizing a Two-choice odour span task for working memory
Gibson, Lacey	When Shadows Take Shape: Hallucination Progression and Prognosis in Parkinson's Disease
Hadzahasanovic, Azra	Evaluating the electrophysiological properties of hippocampal engram cells that support fear learning and memory
Henao, Nicolas	Postoperative cognition in elderly patients: is there an association with their preoperative baseline
Rukh-E-Qamar, Hani	Development and Evaluation of LifeLine: A Mixed-Methods Study of an AI-Powered Mental Health Application
Schultz, Ethan	Patient Experiences During Treatment as Predictors of Response to Ketamine for Treatment-Resistant Depression
Quality Improvement Breakout Room #10	
Smith, Lauren	Moving Minds: A Scoping Review of Walking Interventions in Mild Cognitive Impairment, Early-Stage Dementia and Alzheimer's Disease
Argue, Chloe	Connect-ICU: Implementing human-centered communication solutions to improve patient and family-centered care in the ICU
Kiriazopoulos, Stefanie	Emergency Department Use of Analgesia for Acute Musculoskeletal Pain in Children
Kolkman, Hannah	Ergonomic interventions to reduce shoulder demand in farmers: A pilot study
Ogren, Jasmin	"I Might as Well Just Suffer at Home": Understanding Emergency Department Utilization and Decision-Making Among Individuals Living with Chronic Pain

Qureshi, Abdullah	Diagnostic Delays in Otolaryngology: A Wait time and Cost Analysis of Cone-Beam CT Compared with Multidetector CT
Sabir, Hassaan	Understanding Gaps and Needs in Diabetes Care During Hospital Discharge
Saxena, Anjali	Testing Wisely: Assessing the Appropriateness of Allergen Testing in Saskatchewan
Seifert, Ally	Assessment of Post-Operative Delirium in the Geriatric Surgical Population
Turner, Dylan	Perioperative Opioid Agonist Therapy Management: A Literature-Based Review and Policy Comparison
Surgery Breakout Room #11	
Ahmad, Sameer	Doxycycline as an Additive Strategy During Normothermic Ex Vivo Perfusion to Resuscitate DCD Porcine Kidney Grafts
Al-Azem, Ibrahim	Assessing Hair Regrowth with Alma-TED™: A Blinded Clinical Study Evaluating TransEpidermal Delivery and Peptide-Based Therapy for Hair Loss Concerns
Hill, Ashlynn	Extent of Resection of GBM and its Impact on Patient Outcomes: A Scoping Review
Javadian, Mehrnaz	Examining shoulder motion in patients with motion-sparing wrist fusion: does this procedure reduce movement compensations?
Khan, Azmarak	Plant-Based Exosomes for Post Procedural Facial Scar Healing: A Systematic Review
Liu, Alanna	Wait Times and Access to Urology Care in Saskatchewan: Rural vs Urban Disparities, Condition-Specific Delays, and the Impact of the COVID-19 Pandemic
Mellor, Montana	PATHWAYS-SK: Care pathways and outcomes for Peripheral Arterial Disease in Saskatchewan: who gets revascularization?
Neufeld, Jake	Clinical and Economic Value of Intraoperative Electromyography for Routine Lumbar Pedicle Screw Placement: A Canadian literature review and health-system perspective
Yu, Eric	Impact of Surgical Technique on Outcomes Following Perceval Sutureless Aortic Valve Replacement