

**March 2024**  
**USRI Project Grant Funding**  
**26/31 applications funded totaling \$73 784**

| Name                         | Faculty Mentor          | Department                                     | Faculty/School               | Title of activity  | Amount              |
|------------------------------|-------------------------|--|------------------------------|--|---------------------|
| Arnason, Erin                | Haines, Jessica         | Biological Sciences                            | Arts and Science             | Using Technology to Detect Franklin's Ground Squirrels   | \$ 3,000.00         |
| Ayodeji, Oladayo             | Striemer, Christopher   | Psychology                                     | Arts and Science             | The influence of prism adaptation on attention and eye movements in healthy adults   | \$ 2,988.00         |
| Biglow, Brandon              | Boyd, Brendan           | Anthropology, Economics, and Political Science | Arts and Science             | Exploring the Use of AI Among Public Servants in Canada  | \$ 2,948.00         |
| Boivin, Emily                | Boyd, Brendan           | Anthropology, Economics, and Political Science | Arts and Science             | Alberta Political Culture and the Role of the Public Service   | \$ 2,825.00         |
| Bourassa, Evan               | Bott, Tina              | Physical Sciences                              | Arts and Science             | Synthesis and Evaluation of Pancreatic Lipase Inhibitors   | \$ 3,000.00         |
| Britt, Madelaine             | Rezanejadbardeji, Habib | Biological Sciences                            | Arts and Science             | Generating Pancreatic Beta-Cells from PANC1 cells Using CRISPR Technology in Type 1 Diabetes   | \$ 3,000.00         |
| Gonzalez-Escamilla, Carolina | Reeves, Kerri-Lynn      | Studio Arts                                    | Fine Arts and Communications | Making and using natural dyes for artistic process   | \$ 2,951.00         |
| John, Teron                  | Swanston, Treena        | Anthropology, Economics, and Political Science | Arts and Science             | Assessment of Historical Ethnomedical Practices in Antigua   | \$ 2,790.00         |
| Kich, Alyssa                 | Furlong, Carolyn        | Physical Sciences                              | Arts and Science             | New Methodology of Describing Sedimentological Characteristics from Thin Section: Case Study from the Lower Triassic Montney Formation                 | \$ 3,000.00         |
| Lawrence, Benjamin           | Elmorsy, Mohammed       | Computer Science                               | Arts and Science             | Quality of Information Aware Energy Management System for Multi-Application Energy Harvesting Wireless Sensor Networks based on Reinforcement Learning | \$ 2,958.00         |
| MacKenzie, Tatianna          | Woywitka, Robin         | Physical Sciences                              | Arts and Science             | Geoarchaeological Modeling of the Swan Hills   | \$ 3,000.00         |
| Mandrusiak, Krystina         | Miller, Joshua          | Biological Sciences                            | Arts and Science             | Updating Genetic Screening Procedures for Ostrich Genetic Diversity Analysis   | \$ 3,000.00         |
| Micka, Samantha              | Pope, Annaliese         | Sociology                                      | Arts and Science             | Echoes of Urban Soundscapes: Exploring the Influence of Public Sound Environments on the Lives of Socioeconomically Disadvantaged Youth                | \$ 3,000.00         |
| Mirza, Anza                  | Vongpaisal, Tara        | Psychology                                     | Arts and Science             | Recognition of maternal and paternal singing by preschool children   | \$ 2,659.00         |
| Morrison, Cory               | Miller, Joshua          | Biological Sciences                            | Arts and Science             | Analysis of Galapagos Tortoises Whole Genome Sequencing for Runs of Homozygosity   | \$ 3,000.00         |
| Munezero, Anne               | McFadyen, David         | Biological Sciences                            | Arts and Science             | Development of Molecular Markers to Assess Genetic Diversity of the Orchid, Galearis rotundifolia  | \$ 2,997.00         |
| Nieuwenhout, Loreena         | Woywitka, Robin         | Physical Sciences                              | Arts and Science             | Clarifying the age of the earliest human occupations in the ice-free corridor of western Canada  | \$ 3,000.00         |
| Noor, Khulda                 | Watson, David           | Psychology                                     | Arts and Science             | Social Dominance and Security in High, Low, Peacock, and Mouse Materialists  | \$ 1,200.00         |
| Padda, Sehzpreet             | Asirifi, Mary           | Nursing Foundations                            | Nursing                      | Experiences of MacEwan University Nursing Students with Violence at a Clinical Site  | \$ 2,956.00         |
| Quilliam, Maximilien         | McDonald, Robin         | Studio Arts                                    | Fine Arts and Communications | Transgender Archival Fashion Research  | \$ 1,741.00         |
| Richards, Emily              | Pope, Annaliese         | Sociology                                      | Arts and Science             | Interpretations of Public Transit Soundscapes by Edmonton's Inner-City Youth   | \$ 3,000.00         |
| Taylor, Keirsten             | Cankaya, Ozlem          | Human Services                                 | Health and Community Studies | Young Children's Science, Technology, Engineering, And Mathematics Behaviours In Unstructured Play with everyday objects                               | \$ 2,779.00         |
| Tkalcic, Lauren              | Hills, Melissa          | Biological Sciences                            | Arts and Science             | Universal Design for Learning In the Biology Lab   | \$ 2,997.00         |
| Trites, Rebecca              | Kenney, Janice          | Physical Sciences                              | Arts and Science             | Rate and Mechanism Determination of Cd Sorption to Microbialites   | \$ 2,995.00         |
| Woodrow, Robyn               | Ross, Matthew           | Physical Sciences                              | Arts and Science             | Characterizing Microplastics in Roadside Snow Banks  | \$ 3,000.00         |
| Zubair, Hamza                | Bernstein, Nina         | Biological Sciences                            | Arts and Science             | Recombinant expression of a soluble glycerol oxidase for biosensor construction  | \$ 3,000.00         |
| <b>TOTAL</b>                 |                         |  |                              |  | <b>\$ 73,784.00</b> |

**March 2024**  
**USRI Dissemination Grant Funding**  
**18/21 applications funded totaling \$25 807**

| Name                   | Faculty Mentor      | Department   | Faculty/School               | Title of activity   | Amount              |
|------------------------|---------------------|--|------------------------------|---|---------------------|
| Amjad, Aleesha         | Hawkins, Anna       | Studio Arts  | Fine Arts and Communications | Safekeeping   | \$ 1,500.00         |
| Crebas, Jennifer       | Giacomin, Miranda   | Psychology   | Arts and Science             | Do narcissists use different manipulation strategies with their romantic partner in public vs. private settings           | \$ 1,500.00         |
| Dovey, Stuart          | Su, Wanhua          | Mathematics & Statistics                             | Arts and Science             | Predicting Edmonton Housing Price: Regression Insights and Model Selection Strategies                                     | \$ 1,500.00         |
| Friesen, Macheala      | Muralidharan, Murli | International Business, Strategy, Marketing, and Law | Business                     | Social Marketing Messaging: Investing the Perceived Danger of Differing Appeal Methods                                    | \$ 1,500.00         |
| Guenter, Janet         | Peace, Kristine     | Psychology   | Arts and Science             | Snapshot Presentation at Canadian Psychological Association Conference in June 2024                                       | \$ 1,500.00         |
| Holterhus, Keely-Shaye | Peace, Kristine     | Psychology   | Arts and Science             | Poster Presentation on Lived Experiences of Stalking at Annual Canadian Psychological Association Conference in June 2024 | \$ 1,500.00         |
| Kamprath, Nickki       | Moscicki, Michele   | Psychology   | Arts and Science             | Study Guides: Evaluating Student Perceptions and Impacts on Test Anxiety  | \$ 1,455.00         |
| Kostawich, Matthew     | Elmorsy, Mohammed   | Computer Science                                     | Arts and Science             | mm-Wave Wearable Edge Computing Module Hosted by PRGW Structures: A Physical Layer Study                                  | \$ 513.00           |
| Lyndon, Alexander      | Franczak, Brian     | Mathematics & Statistics                             | Arts and Science             | Ventilator Liberation in People with Acute Spinal Cord Injury   | \$ 1,500.00         |
| McCormick, Ashlyn      | Pergetova, Alben    | International Business, Strategy, Marketing, and Law | Business                     | Senior Well-Being and Technology: A look into senior consumers' need fulfillment with smartphone technology.              | \$ 1,500.00         |
| Neumann, Adrian        | Thiessen, David     | Mathematics & Statistics                             | Arts and Science             | Using regression to better understand societal issues   | \$ 1,500.00         |
| O'Connell, Brynn       | Franczak, Brian     | Mathematics & Statistics                             | Arts and Science             | Variable selection for the classification of data with missing values   | \$ 1,500.00         |
| Pavlis, Crystal        | Honey, Lynne        | Psychology   | Arts and Science             | Pluralistic Mating Strategies: Examining Sexual Orientation with CNM, Jealousy, Sex Drive, and Sociosexuality             | \$ 1,500.00         |
| Purani, Sharlini       | Narnaware, Raj      | Human Health & Science                               | Nursing                      | Fourth-Year Nursing Student's Physiological Knowledge Retention   | \$ 1,500.00         |
| Stoltz, Ashley         | Zutter, Cynthia     | Anthropology, Economics, and Political Science       | Arts and Science             | Community gardens and urban agriculture: Healthy environment/healthy citizens   | \$ 1,375.00         |
| Styba-Nelson, Kevin    | Penney, Alexander   | Psychology   | Arts and Science             | How Neuroticism and Disgust Influence Health Anxiety through Anxiety Sensitivity: A Conditional Process Model             | \$ 1,464.00         |
| Taylor, Keirsten       | Cankaya, Ozlem      | Human Services                                       | Health and Community Studies | Young Children's Science, Technology, Engineering, And Mathematics Behaviours In Unstructured Solitary Play               | \$ 1,500.00         |
| Walters, Shannon       | Peace, Kristine     | Psychology   | Arts and Science             | Research Presentation on Sexual Consent Awareness at Canadian Psychological Association Conference in June 2024           | \$ 1,500.00         |
| <b>TOTAL</b>           |                     |  |                              |   | <b>\$ 25,807.00</b> |