

March 2020
USRI Project Grant Funding
33/59 applications funded totaling \$91 758

Name	Faculty Mentor	Department	Faculty/School	Title of activity	Amount
Jannah Aizon	Erin Walton	Physical Sciences	Faculty of Arts and Science	Messengers from the Asteroid Belt: A Study of Diogenites Northwest Africa 10268 and 7464	3000.00
Emma Ash	Jennifer Long	Anthropology, Economics, and Political Science	Faculty of Arts and Science	Exploring whiteness among anti-racism advocates in Edmonton	3000.00
Kyle Blacher	Matthew Ross	Physical Sciences	Faculty of Arts and Science	Quantification of Neurotransmitters in Zebrafish Brains by Liquid Chromatography-Mass Spectrometry	3000.00
Dylan Cave	William Richards	Music	Faculty of Fine Arts & Communications	Immersive Audio Visual Research	3000.00
Miles Christen	Hongmei Tong	School of Social Work	Faculty of Health and Community Studies	Uncovering the lived experiences of transgender ex-Jehovah's Witnesses: Emotional, developmental, and mental health outcomes	2630.00
Brooke Corbiere	Tina Bott	Physical Sciences	Faculty of Arts and Science	Investigating Inhibitors of a Phosphatase Enzyme	3000.00
Cory Efrid	Dana Cobzas	Computer Science	Faculty of Arts and Science	Velocity Field Reconstruction of a Fluid Simulation	3000.00
Devon Fjellner	Robert White	International Business, Strategy, Marketing, and Law	School of Business	The Prevalence of Financial Abuse among Intimate Partners in Alberta	1200.00
Erin Flathers	Ross Shaw	Biological Sciences	Faculty of Arts and Science	Dorsal Fin Identification of White Sharks (<i>Carcharodon carcharias</i>) in South Africa	3000.00
Ryan Gallagher	Janice Kenney	Physical Sciences	Faculty of Arts and Science	Contaminant sorption to minerals	2994.00
Kennedy Garrett	Sean Hannan	Humanities	Faculty of Arts and Science	Gender, Death, and Dying in Medieval Europe	2940.00
Ethan Hagen	Trevor Hamilton	Psychology	Faculty of Arts and Science	Effects of repeated micro-dosing of lysergic acid diethylamide on behaviour and anxiety in zebrafish	3000.00
Miray Helmy	Eric Legge	Psychology	Faculty of Arts and Science	Self-awareness, Pet-Ownership, and Empathy	692.00
Mikavla Hogg	Bao Tan Nguyen-Phuc	Biological Sciences	Faculty of Arts and Science	Effects of Urban Land Use on Nodulation of White Clover	3000.00
Joslin Jefferson	Shelley Boulianne	Sociology	Faculty of Arts and Science	The 2020 Youth Climate Strike: A comparison analysis of Google Images	2975.00
Kathryn Jelly	Michele Moscicki	Psychology	Faculty of Arts and Science	Examination of Student Engagement and Parent Stress when Using a Collaborative Strengths-based School Approach	950.00
Haley Jurak	Erin Walton	Physical Sciences	Faculty of Arts and Science	Investigating the Formation Conditions of High-Temperature Breccias at the Steen River Impact Structure (Alberta, Canada)	3000.00
Jessica Kumar	Melike Schalomon	Psychology	Faculty of Arts and Science	The Shape of the Dose-Response Curve of Lysergic Acid Diethylamide in Zebrafish	3000.00
Meagan Mancini	Jeffrey Davis	Computer Science	Faculty of Arts and Science	Development of a Problem Solving Model from a Multi-disciplinary Perspective	3000.00
Jamie Maxwell Hanson	Andrea Wagner	Anthropology, Economics, and Political Science	Faculty of Arts and Science	The World Health Organization and COVID-19- impartiality revisited	2532.00
Brooke Miller	Robin Woywitka	Physical Sciences	Faculty of Arts and Science	Geospatial Analysis of Controls on Retrogressive Thaw Slump Formation and Distribution in the Old Crow Basin, Yukon	3000.00
Dylan Miller	Wanhua Su	Mathematics & Statistics	Faculty of Arts and Science	Precision-Recall Curves for Multi-class Problems	3000.00
Laroy Milton	Dana Cobzas	Computer Science	Faculty of Arts and Science	Developing Machine Learning Methods for COVID-19 Early Screening using Standard Mobile Phone Sensors	3000.00
Sydney Parkinson	Alexander Penney	Psychology	Faculty of Arts and Science	Longitudinal changes of symptoms and mechanisms in generalized anxiety disorder in an at-risk university student sample	3000.00
Ireneusz Pietrasik	Andrea Wagner	Anthropology, Economics, and Political Science	Faculty of Arts and Science	The Politics of Pandemics: Euroscepticism and COVID-19	2882.00
Adam Reeves	Christopher Ramsey	Mathematics & Statistics	Faculty of Arts and Science	Integral inequalities for quantum random variables, part	3000.00
Jennifer Roth	Bao Tan Nguyen-Phuc	Biological Sciences	Faculty of Arts and Science	Meta-analysis of invasive species control measures.	3000.00
Sulekha Shabdi	Rita Dhungel	School of Social Work	Faculty of Health and Community Studies	An Exploration of Second-Generation Somali Canadians in Edmonton: Language Retention, Cultural Identity, and Cultural Resilience.	3000.00
Stuart Shelley	Jeffrey Davis	Computer Science	Faculty of Arts and Science	Using Edmonton's winter snowfall to cool buildings in the summer	3000.00
Jordan Slessor	Rui Hu	Mathematics & Statistics	Faculty of Arts and Science	A new method to determine the sample size	2975.00
Shivani Solanki	Lisa McKendrick-Calder	Nursing Science	Faculty of Nursing	Anxiety in the Learning Environment	2988.00
Brittany Supina	Kimberley Harcombe	Biological Sciences	Faculty of Arts and Science	Extraction and Antimicrobial Screening of Phytochemicals from Albertan Invasive Weeds	3000.00
Cameron Zimmel	Robert Andruchow	Fine Art & Design	Faculty of Fine Arts & Communications	Life on the Edge: Design of a Serious Game for Biology Undergraduate Students	3000.00
TOTAL					\$ 91,758.00

March 2020
 USRI Dissemination Grant Funding
 2/7 applications funded totaling \$1810

Name	Faculty Mentor	Department	Faculty/School	Title of activity	Amount
Kennedy Fix	Hilary Corlett	Physical Sciences	Faculty of Arts and Science	The effect of incipient forest diversification on basin sedimentation and carbonate platform growth	\$ 905.00
Nicole Hurtado	Hilary Corlett	Physical Sciences	Faculty of Arts and Science	Characterization of a modern inner ramp, Abu Dhabi, UAE	\$ 905.00
TOTAL					\$ 1,810.00