

## Brandon University Research Committee (BURC) Awards 2023-2024

Principal Investigator	Title	Amount Awarded
<b>CATEGORY 1: New Faculty Research Grant</b>		
Abdel Al-Abdallah	Topological and Geometric Methods in Data Analysis and Visualization: Persistent Homology, Fiber Bundles, and Dimensionality Reduction of Complex Data with Real-World Applications	\$ 7,500.00
Ellen Watson	Instructor Perceptions of the Emphasis of the History, Nature, and Philosophy of Science in Canadian Science Education Programs	\$ 7,495.00
Lindsay McLachlan	Teaching, Research, and Other COVID-Related Issues: How Issues are Being Addressed in Canadian Accounting Academia	\$ 4,363.00
Marika Galea	Alternative Notation: Exploration and Development of Inclusive Methods for Improvised and Through-Composed Music	\$ 7,493.00
Matteo Di Muro	Bridging the Digital Literacy Void: Exploring ICT Issues and Competencies in Manitoba Schools Through the Perspectives of Administrators, Teachers, Parents, and Students	\$ 7,478.00
Natalie LaFleur	Barbault-Royer, Eighteenth-Century Writer and Person of Colour/Barbault-Royer, écrivain littéraire et personne de couleur au XVIIIe siècle	\$ 7,500.00
Roberto Limongi	An Active Inference Model of Epistemic Writing	\$ 7,052.00
Shrinwantu Pal	Development of Cooperative Catalysts for Methane Functionalization	\$ 7,475.00
Stacey Koosel	Daphne Odjig at Brandon University	\$ 7,500.00
<b>CATEGORY 2: Research Grant</b>		
Bryan Hill	Development of a Molecular Fishing Line, Anchored to Gold, to Catch Specific Biomolecules from the Contents of Cells	\$ 5,000.00
Jonathan Allan	Anti-Circumcision Activism's History	\$ 4,937.00
Krista Callahan	Xploring Post-Secondary International Students' Sexual Health Practices	\$ 5,000.00
Megumi Masaki	Learn Intercultural Performance Techniques and Oral Traditions of the Japanese Koto and Biwa Instruments for New Extended Techniques for the Piano and Speaking Pianist	\$ 5,000.00
Nadine Smith	Visible Minority Nursing and Psychiatric Nursing Students: Strategies for Academic Success	\$ 5,000.00
Neal Melvin	Quantitative and Qualitative Changes in Rbm3 during Memory Consolidation	\$ 5,000.00
Pamela Rutherford	Fungal Pathogen Surveillance of Amphibians in Manitoba	\$ 5,000.00
Zeshan Alam	Leveraging Light Field Imaging for Comprehensive Plant Health Monitoring	\$ 5,000.00
<b>CATEGORY 3: Knowledge Mobilization Grant</b>		
Candice Waddell-Henowitch	Sharing Stories: The Creation of a Graphic Novel Using Composite Narrative to Tell the First Person Stories of Sexual Violence and Recovery	\$ 2,000.00
Doug Ramsey	Small Town Museums in Southern Manitoba and the COVID-19 Pandemic: Impacts and Responses	\$ 2,000.00
Gautam Srivastava	Using Fuzzy Logic in Modern Internet of Things Environments	\$ 2,000.00
Jonathan Allan	Uncut: A Cultural Analysis of the Foreskin	\$ 2,000.00
Natalie LaFleur	The English Adaptations of Celina, or The Child of Mystery and Their Reception/Les adaptations anglaises de Cœlina, ou l'Enfant du mystère et leur réception	\$ 2,000.00
Rhonda Hinthier	Conference Paper: "Brothel Museums and the Public Histories They Tell"	\$ 1,274.00
Scott Forbes	The Benefits of Creatine on Muscle, Bone, and Brain Health	\$ 2,000.00
<b>Total Amount Awarded</b>		<b>\$ 117,067.00</b>