

Research Council AY 2020-2021 Funded Projects

Title	Sector	Applicant	Caommittee Action	Awarded Amount
New Works for Saxophone, Percussion and Electronics	AH/SBS	Arns, Megan	Awarded	\$9,750
Characterization of a novel Kcnt1 mouse model of epilepsy	STEM	Bryda, Elizabeth	Awarded	\$10,000
Bayesian and Machine Learning Models for Ultrasensitive Detection of Single Molecule Lipoarabinomannan (LAM) protein to Diagnose Tuberculosis Disease	STEM	Chakraborty, Sounak	Awarded	\$10,000
Family caregiving in home health care during the COVID-19 pandemic: A qualitative descriptive study	AH/SBS	Chase, Jo-Ana	Awarded	\$9,928
Remote Assessment of Working Memory and Anxiety in Individuals with Early-Treated Phenylketonuria (PKU)	AH/SBS	Christ, Shawn	Awarded	\$9,985
Community Building for Educational Equity: Fostering Relationships between Schools and Refugee Families	AH/SBS	Crawford-Rossi, Emily	Awarded	\$9,999
Mary Shepherd on our Knowledge of Ourselves and the External World	AH/SBS	Folescu, Marina	Awarded	\$10,000
The Role of Coping in Buffering the Impact of COVID-19 Stress on Families	AH/SBS	Groh, Ashley	Awarded	\$10,000
Regulation of IFN receptor during influenza virus infection	STEM	Hahm, Bumsuk	Awarded	\$10,000
The Pedagogic Legacy of Friedl Dicker Brandeis	AH/SBS	Helmick, Linda	Awarded	\$10,000
Repurposing drugs for SARS-CoV-2	STEM	Heng, Xiao	Awarded	\$10,000
Building trust through communication about COVID-19 and clinical trials	AH/SBS	Hinnant, Amanda	Awarded	\$10,000
The Development and Pilot Test of the Multi-Tiered Teacher Supports for Behavior Interventions Framework	AH/SBS	Holmes, Shannon	Awarded	\$9,998
Digital Images for Cambridge Swift Poems Edition	AH/SBS	Karian, Stephen	Awarded	\$1,000
Adolescents' Mental Health and Involvement in Problem Behaviors Before, During and After COVID-19: The Role of Social Support	AH/SBS	Killoren, Sarah	Awarded	\$9,995
The Use of Motor Execution and Imagery in a Swallowing Exercise Program for Individuals with Head and Neck Cancer	AH/SBS	Knollhoff, Stephanie	Awarded	\$10,000
Reading Backwards: book subvention request	AH/SBS	Langen, Timothy	Awarded	\$3,262
Formulation of High Figure-of-merit and Flexible Superlattice Thermoelectric Materials using Continuous Dip-coating	STEM	Lee, Jaewon	Awarded	\$10,000

Pilot Study to Support Ochre Provisioning and Use at Madjedbebe Rock Shelter	Regular	MacDonald, Brandi L.	Awarded	\$5,210
Tracing the evolutionary origin of iron sensing mechanisms in land plants.	STEM	Mendoza-Cozatl, David	Awarded	\$9,994
Estrogen and Estrogen Receptors in Dry Eye Disease (DED) Mouse Models	STEM	reneker, lixing	Awarded	\$9,956
HIV Testing & Risk History Calendar: Digital Application Development	AH/SBS	Schatz, Enid	Awarded	\$10,000
Seeking Indigenous Matriarchal Identity in Patriarchal Settler Archives	AH/SBS	Shade-Johnson, Jaquetta	Awarded	\$9,324
Exploration of Higher Temperature Superconductivity in Hydrogenated Metal Film	STEM	Singh, Deepak	Awarded	\$10,000
Zincoproteome of Zincoproteome of Human Sperm Capacitation	STEM	Sutovsky, Peter	Awarded	\$9,750
Suppressed brain dopamine metabolism as a potential cause of menopause-associated mood and metabolic changes	STEM	Vieira Potter, Victoria	Awarded	\$10,000
Assessing the effectiveness of implicit bias jury instruction messages on potential Missouri jurors	AH/SBS	Villamil Monroy, Astrid	Awarded	\$10,000
Movie-Made Girl: A Memoir	AH/SBS	West, Nancy	Awarded	\$2,197
Examining the influence of opiate withdrawal on hedonic feeding and interaction with drug seeking	STEM	Will, Matt	Awarded	\$10,000
Pinpointing Hidden Starbursts in the Earliest Universe	STEM	Yan, Haojing	Awarded	\$10,000