

## Winter-Spring/Summer 2023 Students Offered UROP Funding

First Name	Last Name	Project Title	Faculty Mentor	Department
Zade	Abou-Rass	Investigating Spatial Navigation and its Relation to Motor and Cognitive Functioning	Nora Fritz	Health Care Sciences, Neurology
Ali	Allam	A Study on Religious Fanaticism: Analyzing Cognitive Tendencies in the Writings of Ibn 'Abd al-Wahhāb	Saeed Khan	Near East & Asian Studies
Amr	Ansari	The Changing Food Culture of Turkey: Political, Economic, and Social Factors	Saeed Khan	Near East & Asian Studies
Connor	Bailey	Preparing to Explore the Lunar Subsurface with Seismology Using Terrestrial Analogs	Scott Burdick	Environmental Science and Geology
Lane	Belden	Claiming the People's Home: Competing uses of "Folkhemmet" in Sweden's radical right and center left	Kevin Deegan-Krause	Political Science
Bridget	Bone	Roles of local presynaptic translation in memory formation	Joongkyu Park	Pharmacology
Brandon	Boudreaux	Boosting Simulations of Hot Nuclear Matter with Machine Learning	Chun Shen	Physics and Astronomy
Regina	Cabrera Hernandez	Analyzing the Electoral and Party Systems of Croatia and Bosnia and Herzegovina	Kevin Deegan-Krause	Political Science
Carmen	Carpenter	The impact of sleep duration on anxiety symptoms, fear extinction, and brain activation in youth	Hilary Marusak	Psychiatry and Behavioral Neurosciences
Maya	Cavallo	Rough Draft Records Pilot Proposal	David Goldberg	African American Studies
Hana	Cox	Cannabidiol (CBD)'s Long-term Effects on the Reproductive System of Rats Treated with CBD in the Neonatal Period	Susanne Brummelte	Psychology
Deidre Nicole	Crockett	Modulation of NO/cGMP Signaling in Sickle Red Blood Cells (RBCs) to Reveal Novel Mechanisms Mediating RBC-Endothelial Interactions	Jennell White	Pharmacology
Madalyn	Dishman	Selective Perception and The Consumer	Elizabeth Stoycheff	Communication
Faith	Fowler	Synthesis of Lanthanide Luminescent Metal Organic Frameworks for Sensing Applications	Matthew Allen	Chemistry
Ben	Garza	Situating award-winning films from the Ann Arbor Film Festival in the context of emerging experimental filmmaking practices	Julia Yezbick	Communication

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Mehrnaz	Ghafourii Abbas Abadi	AZD5991 and Panobinostat synergistically reduce proliferation in cultured human malignant melanoma cells	Andrew Fribley	Pediatrics
Redi	Gishto	Quantification of Iron Transporter Proteins after Experimental Traumatic Brain Injury in Mice	Alana Conti	Psychiatry and Behavioral Neurosciences
Angelina	Haidar	Underpowered Research and Small Sample Sizes in the Disability and Health Journal	Jeffrey Martin	Kinesiology
Madison	Homer	The Intersectionality of Ceramics and Domesticity: An exploration of Ceramic Furniture	Jessika Edgar	Art and Art History
Zaid	Jani	Effective Photocaging Using Ruthenium (II) Complexes Derived from Tetradentate Ancillary Ligands	Jeremy Kodanko	Chemistry
Rupesh Kanna	Kaviasree Narayanan	Implementation of Multiple Supercapacitors in Hybrid Electric Vehicle Controlled by Advanced Sensors	Lubna Alazzawi	Electrical and Computer Engineering
Aicha	Khalaf	Structure of the nervous system in developing grass carp	Christopher Kassotis	Institute of Environmental Health Sciences and Department of Pharmacology
Mubdee	Khan	Religion and the Black Lives Matter Movement	R. Brown	Sociology
Mahmood	Khattab	Photoinduced reduction of arenes including benzene by SmlI-cyclen-based amino-alcohol systems.	Matthew Allen	Chemistry
Mariya	Matsko	Effects of Treadmill Exercise and Stretching on Anxiety and Endocannabinoid Levels in Youth	Hilary Marusak	Psychiatry and Behavioral Neurosciences
Adam	Menkara	Simulation of Physiologic and Hydrocephalic Cerebrospinal Fluid Flow and Pressure Waveforms for In-vitro modelling Applications	Carolyn Harris	Chemical Engineering and Materials Science
Justin	Nelson	Development of a Microfluidics-based Mucus Model	Ashis Mukhopadhyay	Physics and Astronomy
Neel	Patel	Identification of Novel Inhibitors Targeting KRAS-SOS1 Interactions by Structure-Based Drug Design	Y. Mindy Huang	Department of Physics and Astronomy

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Rune	Poor	Printing of a Brain-like Gelatin Material with Embedded Astrocytes that are Viable and of Similar Structure to Brain Material	Carolyn Harris	Chemical Engineering and Materials Science
Nicolas	Reina	Consociationalism as Solutions to Ethnic and Religious Conflict within Northern Ireland and Bosnia	Brad Roth	Political Science
Mazen	Shahbain	Development of a Chemical Lectin for Quantitative High-Throughput Detection of Sialic Acid Through qPCR	Andrew Lipchik	Pharmaceutical Sciences
Sara	Trost	Gender in a Genderless Language: is there Bias in Gender Assignment?	Haiyong Liu	Classical and Modern Languages, Literatures and Cultures
Bex	Watson	Claiming the People's Home: Competing uses of "Folkhemmet" in Sweden's radical right and center left	Kevin Deegan-Krause	Political Science
Tristan	Wrong	Synthesis and Biological Applications of Light-Releasable Sugars to Control Cell Behavior	Charlie Fehl	Chemistry
Majd	Yahya	Exploring Differential Neuronal Ensemble Activation Between Sexes via Immunofluorescence Microscopy Following Chronic Cocaine Exposure in Rats	Shane Perrine	Psychiatry and Behavioral Neurosciences
Josephine	Zdun	"Yes or No?" The Effect of the Presence of Consent and Alcohol on Perceptions of Reporting Sexual Assault	David Merolla	Sociology