

## Spring/Summer-Fall 2022 Students Offered UROP Funding

First Name	Last Name	Project Title	Faculty Mentor	Department
Abby	Schneider	Bollywood, Hollywood, and the Soviet Union: Indian Cinema and the Cold War Clash	Beth Fowler	Irvin D. Reid Honors College
Bethany	Stoddart	COVID-19 AND POLICING: UNDERSTANDING OFFICERS' PERCEPTIONS OF THE PANDEMIC AS A STRESSOR	Charles Klahm	Criminology & Criminal Justice
Chastity	Savage	Emerging Adults During the Pandemic: How Parasocial Interaction Impacted Mental Health	Jessica Moorman	Communications
Christian	Allen	Western Influence on Japan's Economy and Business Practices via Treaty Ports in the Late 19th Century	Elizabeth Dorn Lublin	History
Dillon	Glenn	Preferences for Couple-Based Smoking Cessation Interventions Among Smoker Couples	Seung Hee Choi	College of Nursing
Elisabeth	Holquist	Substance Use and Mental Illness in Students of the University of Salamanca	Jonathan Stillo	Anthropology
Fatemeh	Mozaffari	Antiferromagnets: the next generation of computing technologies	Joseph Sklenar	Physics and Astronomy
Gabriela	Lloyd	Archaeological Research in Southern Ecuador	Tamara Bray	Anthropology
Haden	Florn	Mechanical Regulation of Neural Tube Closure in Chick Embryo	Jitao Zhang	Biomedical Engineering
Hui Xuan	Tang	Mechanical Regulation of Neural Tube Closure in Chick Embryo	Jitao Zhang	Biomedical Engineering
Iman	Manzoor	Claudin-11-Deficient Mice - A Potential Novel Model of Skeletal Muscle Spasticity	Joseph Roche	Physical Therapy
Jacob	Klein	Measuring Gas Temperature and Species Concentrations of a Mixture during Autoignition	Omid Samimi-Abianeh	Mechanical Engineering
Kalyanee	Nanaaware	Network dynamics during the encoding and retrieval of memories in schizophrenia interrogated using Dynamical Causal Modeling	Vaibhav Diwadkar	Psychiatry and Behavioral Neurosciences
Lucas	Huss	Quantum Neuron with Entangled-State Encoding	Alex Matos Abiague	Physics and Astronomy
Madeline	Badrak	Spider Silk Based Nerve Guidance Conduits for Peripheral Nerve Regeneration	Harini Sundararaghavan	Biomedical Engineering
Madeline	Sigler	Modeling Insect Speciation Under Climate Change Scenarios	Scott Burdick	Environmental Science and Geology

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Maram	AlTurky	Coping With COVID Through Tangled and Social Media	Anne Duggan	Classical & Modern Languages, Literatures, and Cultures
Maryam	Abbawi	Utilizing Myelin Water Imaging to Link Underlying Pathology to Backward Walking Function in Multiple Sclerosis	Nora Fritz	Physical Therapy
Matthew	Bossuyt	Toxicity of a cyanobacterial cyclic heptapeptide toxin microcystin in early life-stages of green frogs ( <i>Rana clamitans</i> )	Donna Kashian	Biological Sciences
Mitchell	Neifer	Media Portrayal and Law Enforcement Careers	Charles Klahm	Criminology & Criminal Justice
Mya	Manning	Preferences for Couple-Based Smoking Cessation Interventions Among Smoker Couples	Seung Hee Choi	College of Nursing
Redi	Gishto	Quantification of brain- and blood-based biomarkers after photobiomodulation therapy to treat traumatic brain injury-induced pain	Alana Conti	Psychiatry and Behavioral Neurosciences
Rogina	Ibrahim	Synthesis of 2'-Modified analogs of ribonucleic acid monomers as tools for the elucidation of mechanisms involved in oxidative damage to RNA.	Mel Bedi	Pharmaceutical Sciences
Solen	Tadesse	Evaluating Vision and Tissue Restoration After Neurotoxic Injury in Zebrafish	Ryan Thummel	Ophthalmology, Visual, and Anatomical Sciences
Zahraa	Ghosn	The Effect of the Interplay between Manganese and Essential Metals in Determining the Lifespan of <i>Drosophila Melanogaster</i> Flies	Mark VanBerkum	Biological Sciences
Zoe	Harris	Organic synthesis and bioactivity analysis of Anabaenopeptin natural products: secondary metabolites of freshwater cyanobacterial harmful algal blooms	Jennifer Stockdill	Chemistry