

Winter-Spring/Summer 2022 Students Offered UROP Funding

First Name	Last Name	Project Title	Faculty Mentor	Department
Aabid	Syed	Disparities in the Public Health of Global Indigenous Populations	Sasha Zhou	Public Health
Aaron	Shields	Black Muslim Experiences: Interactive Digital Resource of Black Muslim Oral Histories	Jennifer Hart	History
Alyssa	Erlenbeck	Synthesis of Luminescent Nanocrystals for Optical Thermometry	Federico Rabuffetti	Chemistry
Angad	Ghag	Studying the heat diffusion properties of different tissue types during laser ablation procedures: simulation and experimental validation	Mohammad Mehrmohammadi	Biomedical Engineering
Awab	Tanoli	Identifying Novel Extracellular Vesicle Biomarkers after Experimental Traumatic Brain Injury in Mice	Alana Conti	Psychiatry and Behavioral Neurosciences
Bassem	Chamma	Cellular events underlying neurodegeneration and recovery in the Drosophila eye	Tiffany Cook	Center of Molecular Medicine and Genetics
Christopher	Spencer	Mechanical Analysis of Tissue-Engineered Blood Vessels in Hyperglycemic Conditions	Mai Lam	Biomedical Engineering
Emma	Fidler	Can introns act as functional equivalents to transcriptional activators?	Athar Ansari	Biological Science
Haley	Hicks	Avoidant Anger and Somatic Symptoms in Female Youth	Ty Partridge	Psychology
Hani	Kandalaft	Automatic Alignment of Cells for Brillouin flow cytometry	Jitao Zhang	Biomedical Engineering
Heather	Durfee	Expansion Microscopy on Platelets	Daniel Walz	Physiology
Iniyavel	Rajeswaran	Robust 3D Skeleton Extraction from Highly Sparse and Noisy Image Data	Zichun Zhong	Computer Science
Jacob	Caywood	The Working Model of the Child Interview: A Qualitative Analysis of Interviews with Mothers and Fathers of Infants	Carolyn Dayton	School of Social Work
James	Wairagu	Assessing How Hippocampal Functional Connectivity Supports Memory Development	Noa Ofen	Psychology
Jeren	Ghoujehgi	An Investigation of How the Digital Art Affects Adolescent Patient Outcomes	Aaron Martin	Honors College
Kawleen	Kaur	Development and Evaluation of Paclitaxel Nano-emulsion for Intraperitoneal Treatment of Ovarian Cancer	Haipeng Liu	Chemical Engineering and Materials Science
Laura	Cazacu	Technology. Key to Sustainability.	John Heinrichs	Management and Information Systems
Lindsey	Kreinbring	Characterizing regulatory regions in a major transcription factor impacting biofilm formation in the bacteria Myxococcus xanthus	Penelope Higgs	Biological Sciences
Mediha	Rovcanin	Identification of the Insulin-Like Peptides that Enhance Oocyte Fertilization Rates in C. elegans	Joy Alcedo	Biological Sciences

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Muhammad	Tarar	Development of Model Vaccination Initiative in Detroit Using Evidence from Previous Public Health Crises	Patricia McCormick	Communication
Nada	Elkheshen	Opioid/Benzodiazepine Polydrug Abuse: Integrating Research on Mechanisms, Treatment and Policies	Mark Greenwald	Psychiatry and Behavioral Neurosciences
Najah	Thomas-Young	Hunt/er	Margaret Hull	Art & Art History
Olivia	Kimes	Dancing Stewardship and Sustainability	Biba Bell	Theater and Dance
Patrick	Norton	The Expansion of Musical Hardware and Video Processes in Live Multimedia Performance	Joo Won Park	Music
Ryan	Snyder	Synthesis of Aspartimide-Prone Peptides Using an o-Aminoamide as an Aspartic Acid Protecting Group	Jennifer Stockdill	Chemistry
Santiago	Garcia- Leco	Religion and the Sanctuary Movement	Khari Brown	Sociology
Taylor	Craft	the semi-truck that blocks my view is still beautiful	Jessica Rajko	Theater and Dance
Zaria	Coleman	Bridging the Gap	Francesca Pernice	College of Education