

Student	Major	UROP Research Topic
Zoe Scarsella	Biological Sciences	Effects of 5-Hydroxytryptamine Receptor Acting Drugs on Quagga Mussel Function
Fareeha Chaudhry	Psychology	Academic Overcommitment Among First-Year College Students: Associations with Burnout and Loneliness
Mya Ismail	Neuroscience	Inter-Scanner Harmonization of MRI-Derived Cerebral Morphometrics
Arun Kumar	Public Health, Chemistry	Investigating the Role of Nr2e3 in Retinal Regeneration in Zebrafish
Maddy Powers	Biological Sciences	Synthesizing Anabaenopeptins for characterization using homophenylalanine to increase access for health and environmental monitoring
Barbie Castro Sanchez	Psychology	Caregiving Networks and Future Care Planning of Older LGBTQ+ Adults
Shahrin Rahman	Environmental Science	Conserving Mudpuppies: Mapping and Monitoring an Indicator Species in the Detroit River
Gabriel Zeldes	Exercise and Sport Science	Understanding the effects of Pterostilbene on mitigating the neurotoxic effects of 3,4-methylenedioxymethamphetamine (MDMA) in female and male rats
Eshal Sameer	Biological Sciences	Role of the lncRNA CASC15 in Vascular Senescence and Disease
Wyatt Thiry	Art, Metalsmithing	Three Conjugations: Paul Klee's active-medial-passive hypothesis of line
Rex Wagner	English, History	Prince Escalus and Tudor Anti-Feudal Politics
Dunni Adeyemi	Public Health	Safer at Home: Opioid Overdose Prevention for Parents and Caregivers
Michelle Naulo	Biochemistry	Regulation of the Krebs Cycle by Prostaglandin E2 (PGE2)
Kyle Kilgore	Biological Sciences	An Investigation Into the Interacting Protein Partners of the Gene Expression Factor Sub2 by the Proximity Labeling Approach
Madison Martinez	Biological Sciences	Identifying neuronal ensembles in the rat brain associated with acute and repeated cocaine exposure
Tori Sidaway	Dance	The Physiology of Rest and Recovery for Dance Artists: Practical Applications and Current Perspectives

Manaal Syed	Public Health	Unraveling the Expression, Clinical Relevance, and Oncogenic Potential of DHX15 and Related DEAH-box RNA Helicases in Human Cancer
Jacob Staten	Psychology, History	Urban Education Struggles: Teacher Strikes, Racial Inequality, and Financial Crises in Detroit and Chicago in 1973
Aditi Kulkarni	Biomedical Physics	Characterization of a Cadmium-Specific Hexapeptide Chelator for Detoxification of Cadmium
Brandon Opalewski	Biological Sciences	Generating a new tafazzin-deficient cell line to investigate the link between cardiolipin and myoblast differentiation
Carsen Troub	Economics, History	Rethinking the rise of the League of Revolutionary Black Workers through the effects of anti-communist sentiment in the UAW
Lakshmi Kola	Public Health	Role of ABHD5 in Lipid Channeling
T'Emi Oshin	Public Health, Neuroscience	Stimulus-Response Uncertainty Impacts Cross-Cerebral Connectivity in Obsessive Compulsive Disorder Youth with co-morbid Anxiety
Eyas Hanbali	Biological Sciences	Investigating New Regulatory Mechanisms for Methionine Metabolism in <i>Saccharomyces Cerevisiae</i>
Mo Osborne	Art, Ceramics	Clay and the Woman's Body: A Burlesque Performance
Thameena Yusuf	Neuroscience	Regulation of Glutathione Synthesis by Extracellular Calcium in Hepatocytes
Syed Raza	Mathematics, Psychology	Swipe Right or Left: Physical and Informational Attractiveness in Online Dating
Noah Crawford	Statistics, Sociology	Navigating Parental Involvement: How Demographics and COVID-19 Have Reshaped Educational Engagement
Brooke Bui	Computer Science	Mental Health Stigma in First-Generation College Students: A Digital Solution for Familial Pressures
Ruby Kellman	Art, Metalsmithing, Ceramics	Vessels and what they carry, an exploration of the value of functional objects
Salmaan Seraji-Bozorgzad	Mathematical Economics	Detroit: A Rising Star in Tourism

Sydney Craft	Social Work	Managing Negative Thoughts and Emotions in Times of Personal Stress and Crises Among Adult Black Women in Detroit, Michigan
Mia Stewart	Biological Sciences	Investigation Into the EMT Markers of Aggressive Carcinoma
Dylan McNay	Environmental Science	Dietary Analysis of Water Mites in Vernal Ponds in Palmer Park with Next Generation Sequencing Techniques
George Ayanleke	Biomedical Physics	Epigenetic Remodeling in Response to Genotoxic Stress in Vascular Endothelial Cells
Gage Diaz	Global Studies	From Combat to Cabinet: Unveiling Governance Transitions in the Near East
Autumn Jackson-Butler	Biological Sciences, Neuroscience	Exploring Dentatorubral-pallidoluysian Atrophy in Drosophila melanogaster
Nour Ahmad	Neuroscience	Pipeline for Single-cell RNA Sequencing Data: Prospects for Investigating Ion Channels in the Pain Circuit (Relevance of a Chronic Pain Mouse Model to MS)
Anthony Tendo	Pre-Electrical Engineering	Stretchable Arduino-Integrated Soft Robotics for Enhanced Deep-Sea Exploration
Moira Periappuram	Biomedical Engineering	Tensile Testing of Hyaluronic Acid-Chitosan Polyelectrolyte Complex Hollow Fibers
Areebah Qazi	Psychology	Interactions Between PI3K Pathway Dysregulation, KMT2D, and Estrogen Signaling in Endometrial Cancer
Jacob Ulbrich	Computer Science	Parallel Algorithms for Graph Isomorphism
Sammy Alzaharna	Mechanical Engineering	Dynamics of Detonation Propagation at Low Initial Pressures
Aabid Syed	Public Health	The Effects of Volcanic Activity on the Agricultural Viability of Icelandic Soil
Majid Saeed	Electrical Engineering	Pedestrian Detection Module for Autonomous Vehicles Using Machine Learning
Alexander Hawkins	Philosophy	The Problem with Should
Jovian Hamama	Mechanical Engineering	The Outcome of Shockwave Collision on Combustible Gases

Lindsay Israil	Chemistry	Coordinating Pyridyl Phosphines and Zinc Porphyrins to Divalent Europium
Omar El-Sharif	Electrical and Computer Engineering	Design and Implementation of Reconfigurable Adaptive Headlight System
Olawale Osinowo	Public Health	The Search For Small Molecules Inhibitors of Dengue RdRP