

First Name	Last Name	Department	Research Project Title
Felicia Osaebela Ohene	Aboagye	Environmental Sciences	Identifying Microbial Contamination in Lakes Using Satellite Imagery and Water Quality Parameters
Ibrahim	Abu	Biological Sciences	How We Communicate Science May Shape Public Perception of Nuisance Rodents.
Prashant	Adhikari	Pharmaceutical Sciences	Evaluating Dopamine receptor-2 & -3 protein change in SHSY5Y cells with novel small molecule.
NFN	Anjana	Environmental Sciences	Spatial and temporal variations of total selenium concentration and fractionation in the Lake Erie sediment
Rakesh	Basnet	Environmental Sciences	Spatial Distribution of Microplastics in Visitor-Influenced Areas of Mammoth Cave National Park, Kentucky
Dipa	Bidari	Chemistry	Molecular Recognition of Ions using Non-covalent Interactions between Triazole Guests and Cyclodextrin Hosts
Paula	Boser	Biological Sciences	Determining if Kismet Interacts with Proteins Correlated with Neurodevelopmental Disorders
Zachary	Brennan	Environmental Sciences	Sensor Drift in Ion Selective Electrode Ammonia Sensors
Kirsten	Brown	Forensic Sciences	Synergistic PCR Inhibition Among B. subtilis and Humic Substances
Joanna	Burnham	Forensic Sciences	Development and Validation of a Presumptive Colorimetric Test for Detecting Spectracide® Wasp Spray on Paper Substrates
Katelyn	Calentine	Public Health and Speech-Language Pathology & Audiology	The relationship between food insecurity and perceived stress in African Americans in East St. Louis.
Anna	Chott	Biological Sciences	A Comparison of Amur Honeysuckle and Pawpaw's Interference with Biodiversity
Prajwal	D C	Computer Science	Design and Evaluation of a Scalable Framework for Structural and Statistical Schema Drift Detection in Distributed Data Lake Environments
Karly	Ellis	Biological Sciences	Assessing the Impact of Invasive Bush Honeysuckle on Bat Activity in Southwestern Illinois with Passive Acoustic Monitoring
Kenneth	Eluerkeh	Civil Engineering	Influence of Fines Content and Plasticity within AASHTO M147 Gradation A Envelope.

McKenzie	File	Biological Sciences	Behavioral Toxicology of the UV-Filter Oxybenzone in <i>Schmidtea mediterranea</i>
Pareeksha	Gauli	Environmental Sciences	Participation, Preparation and Educational Pathways in the International Earth Science Olympiads.
Katelyn	Haas	Chemistry	Analysis of 6-PPDQ Uptake and Distribution in Radish Tissues by Targeted LC-MS/MS[
Nevannah	Harlan	Chemistry	LC-MS Analysis of Motorsport Contribution to 6PPD-Q Pollution in Proximal Water Systems
Johanna	Hill	Environmental Sciences	Investigating Participant Self-Efficacy and Environmental Identity in a Youth Environmental Leadership Program
Tzu Hsin	Hsu	Art and Design	Understanding the Experience of Art Therapists Working with Clients Who Are Blind or Have Low Vision
Joanna	Hunter	Biological Sciences	Home Range and Habitat Use of Gray Ratsnakes ( <i>Pantherophis spiloides</i> ) in Suburban Areas
Parikshya	Karki	Chemistry	Temperature Dependence of Hydride Kinetic Isotope Effects in Endergonic NADH/NAD <sup>+</sup> Model Reactions in Acetonitrile
Gita	Khadka	Pharmaceutical Sciences	Development of Fluorescent Assays for Functional Evaluation of SLC Transporters in Live Cells
Kennedy	Lamb	Forensic Sciences	Evaluation of Low Input and Degraded Bone Samples for DNA Recovery and STR Profiling Using Qiagen Extraction Kits
Ericah	Leone	Environmental Sciences	Water Quality and Nutrient Analysis at the Watershed Nature Center, Edwardsville, Illinois
Jeffrey	Licklider	Chemistry	Solid Phase Microextraction Optimization for the Detection of Volatile Organic Compounds in Feminine Hygiene Products
Ankit Kumar	Mahato	Environmental Sciences	Land Cover Effects on Microplastic Concentrations and composition in Illinois HUC-8 Watersheds
Aditta	Mallick	Mechanical and Mechatronics Engineering	Temperature Field Analysis of an Oil-Cooled Single-Cell Battery: A Computational Fluid Dynamics Investigation
Lauren	Manhardt	Art and Design	Exploring Body Image Through Art Therapy for Adolescents with Eating Disorders

Christian	McAfee	Biological Sciences	Type VI Secretion System Response to Environmental Stress in Symbiotic and Pathogenic Termite-Associated Bacteria
Metehan Alp	Memis	Civil Engineering	Nonlinear Site Response Analysis of Earthquake Ground Motions Using CPT-Based Soil Profiles and DEEPSOIL
Amina	Mohammed	Environmental Sciences	Comparative Toxicity of Agricultural Herbicides and Fungicides on <i>Schmidtea mediterranea</i> : Impact on Head Regeneration, Behaviour, and Oxidative Stress
Mackenna	Mortensen	Art and Design	The Therapeutic Effects of Tattoos in Connection to Identity and Self-Esteem
Joao	Nail	Chemistry	Metal-Organic Frameworks as Sorbents for Quick and Easy Toxic Metal Analysis with ED-XRF
Pujan	Neupane	Chemistry	Study of the solvent effect on the T-dependence of Kinetic Isotope Effects for the reactions of NADH Models with Chloranil
Grace	Nichols	Biological Sciences	Alcohol-induced regulation of adult neuronal STAT signaling
Jackson	Nordan	Chemistry	Automated Micro-Scale Derivatization for Reproducible Fatty Acid Methyl Ester (FAME) Analysis Using Cooking Oils and Radish Leaves as a Model System
Jorgen	Olson	Biological Sciences	Simulating cattle impacts on tiger salamanders ( <i>Ambystoma tigrinum</i> ) in mesocosms
Richmond	Osei Bonsu	Industrial Engineering	Integrating Real Clinical Data into Digital Patients for Dynamic Nursing Simulation
Monica	Parajuli	Industrial Engineering	Exploring Hybrid Quantum Optimization for Solving NP-Hard Supply Chain Problems: A Study on TSP and VRP Using Hybrid Quantum-Classical Solvers and Gate-Based Quantum Solvers
Yaksh	Patel	Biological Sciences	Investigating the Role of Gravitropic Signaling in <i>Arabidopsis thaliana</i> Circumnutation
Kevin	Reyna	Mechanical and Mechatronics Engineering	Improvement of cooling effectiveness and efficiency on a CPU cooler
Bhuban Prasad	Rimal	Civil Engineering	Laboratory Evaluation of Unbound Aggregate Strength Under Upper and Lower Bound Dense-Graded Gradation

Lillian	Ryan	Art and Design	Irish-American Identity Exploration through Art
Solomon	Sackitey	Chemistry	Synthesis and Characterization of Tris(pyrazolyl)methane Molybdenum Nitrosyl Complexes
Kiley	Schanuel	Biological Sciences	Investigating the role of Stat92E in addiction-like behaviors in <i>Drosophila melanogaster</i>
Eyram	Setrana	Environmental Sciences	Green Synthesis of Silver Nanoparticles Using Alfalfa ( <i>Medicago sativa</i> ) Leaf Extract and Evaluation of Antimicrobial Activity Against <i>Escherichia coli</i>
Bibek	Sigdel	Chemistry	Molecular Recognition of Fluoride and Metal Ions in Triazole-Based Micellar Systems
Sohan	Vijayan	Mechanical and Mechatronics Engineering	Dimensional Analysis and Optimization of Impedance-Based MEMS Biochemical Sensors
Angelina	Walz-Salvador	Art and Design	The Role of Filipino Arts in Healing, Empowerment, and Decolonization
Daniel	Woods	Biological Sciences	The impacts of artificial light at night and road deicing salt on <i>Rana sphenoccephala</i> and <i>Ambystoma texanum</i>