

COLLEGE OF AGRICULTURAL AND ENVIRONMENTAL SCIENCES

- Anika Agrawal, Environmental Toxicology**  
Effects of Microplastic Ingestion on the Mole Crab (*Emerita analoga*)
- Zhousheng Liu, Food Science and Technology**  
Evaluation of Behavior of Food Pathogens on Dry Fruits

COLLEGE OF BIOLOGICAL SCIENCES

- Dominik Aylard, Biological Sciences**  
Investigating the Mechanisms Underlying the Correlation Between BRAHMA Chromatin Remodeling Complex Mutations and Increased Occurrence of Cancer
- David Berrios, Biochemistry and Molecular Biology**  
Characterizing the Terpenoid Defenses in Foxtail Millet
- Jacqueline Colin, Genetics and Genomics**  
Investigating Microbial isolates from *Rana sierrae* and their Interactions with the Virulent Chytrid Fungus, *Batrachochytrium dendrobatidis*
- Martha Delaney, Biochemistry and Molecular Biology**  
Characterizing ERMS Subunit Function and Architecture in Mitochondria
- Alena Dinh, Neurobiology, Physiology and Behavior**  
Identifying the Molecular Machinery of Cell Fusion in Epithelial-derived Cancer Cells
- Julia Lemak, Neurobiology, Physiology and Behavior**  
Investigation of Migration Patterns of Newborn Adult Hippocampal Neurons Using Novel Tissue Clearing and Imaging Techniques
- Celena Lozano, Neurobiology, Physiology and Behavior**  
Antioxidant Activity in Ibuprofen-Treated Brain Cells
- Hui Ling Mak, Microbiology**  
The Capacity of Food-associated, Fermenting Bacteria to Reduce Extracellular Iron
- Linett Medina, Biochemistry and Molecular Biology**  
Design of Human Prolyl Endopeptidase (HPE) as a Potential Anticancer Prodrug Activator
- Joanne Newens, Neurobiology, Physiology, and Behavior**  
Peroxisomal Beta Oxidation and Oxidative Stress
- Dennett Rodriguez, Microbiology**  
The Coop Scoop: Searching for Antibiotic Resistance Genes from Backyard Poultry in Households Using Metagenomic Sequencing
- Tara Shahrivini, Neurobiology**  
Sex and Chromosome Specific Meiotic Crossover Regulation in *C. elegans*
- Christopher Vo, Microbiology**  
Engineering Adhesion-Induced Probiotic Strain for Enhanced Survivability and Efficacy Under Environmental Stress

COLLEGE OF ENGINEERING

- Reca Caballero, Biomedical Engineering**  
Cultivation and Characterization of Urea-Degrading Bacteria from the Termite Gut
- Nirajana Jayakrishna, Computer Science and Engineering**  
Optimization of Transfection Protocols to Study Calcium Channel Regulation in HEK-293 Cell Model
- Alejandro Tenorio, Biomedical Engineering**  
Investigating the Effects of Prebiotics and their Potential for Improving Human Health Using an In Vitro Gut System

COLLEGE OF LETTERS AND SCIENCES

- Ceara Brashears, Sociology**  
Cultural Competency in Spanish-immersion Schools
- Samantha Cramer, Anthropology**  
Stable isotope analyses of Bronze Age Burials from the Chaldran Plain, Iran
- Simran Johal, Psychology and General Statistics**  
The Role of White Matter Integrity on Development of Introspection Ability: A Longitudinal Analysis
- Havener Nicolas, Chemistry**  
Total Synthesis of Bisavenanthramide B-1
- Lauren Reynolds, Pharmaceutical Chemistry**  
Toward Renewable Energy Storage using Earth Abundant Metal Complexes
- Valencia Scott, Anthropology & International Relations**  
Blackness at the Intersections: Immigration, Blackness, and Criminilization in the United States
- Yu Ching Tang, Pharmaceutical Chemistry**  
Photochemical N-alkylation of Diketopyrrolopyrrole
- Tiana Williams, Cinema and Digital Media & African American Studies**  
Radicalized: The History of the United States Prisoners' Rights Movement