

COLLEGE OF AGRICULTURAL AND ENVIRONMENTAL SCIENCES

- Corinne Butler, Biotechnology**
Nitrogen Fixation in the Amazon Rainforest
- Hui Wen Lisl Chew, Biotechnology**
Discovery of Cytochrome P450 Enzymes with Possible Roles in Switchgrass Stress Tolerance
- Gabriella Mukai, Animal Science**
Inducible Stress Tolerance in Chinook Salmon Alevins
- Joshua Liu, Animal Science**
Investigating Social Dominance Hierarchies in Group-housed Gestating Sows
- Hana Minsky, Global Disease Biology**
Elucidating the Anti-fungal Mode of Action of Maize Dolabralexins
- Vincent Pan, Animal Biology**
Trellis Structural Complexity and Heterogeneity
- Niharika Rane, Biotechnology**
Type 1 Regulatory Cell Modulation of the Germinal Center Response in Rhesus Macaques

COLLEGE OF BIOLOGICAL SCIENCES

- Cliff Moran, Neurobiology, Physiology, and Behavior**
Role of the Adhesion Molecule, Fasciclin II, in Development of the Drosophila
- Jordan Evan, Evolution, Ecology, and Biodiversity**
Can Competition Explain the Paradox of Two Species of Sympatric California Jewelflower?
- Zachary Markham, Cell Biology**
Co-localization of Mitochondrial Metabolons
- Kayleen Lederman, Microbiology**
Examining the Role of Cyclases in Myxococcus Xanthus Fruiting Body Development
- Jed Keenan Obra, Neurobiology, Physiology, and Behavior**
The Role of Collagen Composition and Orientation in Lateral Force Transmission with Aging
- Wahed Firoz, Biochemistry and Molecular Biology**
Characterizing the Cellular states of Virgin Beta Cells within Mouse Pancreatic Islets using Immunofluorescence and Confocal Microscopy Imaging
- Andrea Navarrete Vargas, Cell Biology**
The Role of Cold Temperature in the Survival of Motor Neurons during Spinal Cord Development
- Diana Polhac, Biological Sciences**
Effects of Aging on the Spatial, Spectral, and Temporal Neural Processing in Rhesus Macaques

COLLEGE OF ENGINEERING

- Quinn Davies, Mechanical Engineering**
Applied Structural Composites Technology
- Serena Kutney, Chemical Engineering**
Salt Stress to Increase Lipid Accumulation of Microalgae Grown in Wastewater
- Elizabeth Metzger, Biomedical Engineering**
Force Induced Proximal Biotinylation Surrounding Vinculin
- Max Win, Materials Science and Engineering**
Building a Machine-Learning Interaction Potential for the Liquid and Amorphous Na-Ge-Se System

COLLEGE OF LETTERS AND SCIENCES

- Julie Xu, Economics/Design**
Sustainability in the Boba Industry
- Nastassya Ferns, Sociology**
Interaction with the Past: Digital Testimony from Holographic Holocaust Survivors
- Sofia Marino, Geology**
Fracture and folding at fault tips in the Needles Fault District (UT)
- Chara Andrews, Cinema and Digital Media**
Ethnic Women and Beauty Standards Regarding Hair
- Aryssa Ham, Sociology/Psychology**
Attraction-Selection-Attrition in the Legal Field: Asian Americans and Public Service Motivation
- Nikoletta Karapanos, Anthropology**
Getting to the Root of the Matter: Evaluating Human Tissues to Help Identify Two Individuals from 1850s California

COLLEGE OF LETTERS AND SCIENCES (continued)

- Max Lisch, Sociology**
Alternative Social Control: Incarceration and Public Assistance Spending in the State of California 1995-2015
- Zoe Loh, Cognitive Science**
Exploring Differences in Working Memory as a Predictor of Eye Movement Behavior
- Enrique Lopez, Sociology - Organizational Studies**
Documenting the Undocumented High School Student Perception of Depression and Mental Health
- Marcelo Lopez, Sociology/Chicanx Studies**
Impact of Emerging Artificial Intelligence in the Human Resources Industry
- Xin Shi, Statistics**
Evaluation of the antimicrobial effects of Vitamin B2 against common foodborne pathogens
- Chase Newell, Sociology**
Untitled Homelessness Project
- Jasmin Pena, Sociology**
The Uncertainty of DACA
- Julia Weidner, Pharmaceutical Chemistry**
Optimizing Redox Flow Battery Analyte for Improved Renewable Energy Storage
- Joselyne Quiroz, Sociology**
Broken Promises and Misplaced Anger: The Emergence of Involuntary Celibacy Among Young Men
- Caroline Rutten, Sociology**
Social Capital for Single Mothers at Sac City Community College
- Emma Wynne, Sociology**
Changing Notions of Hunger in the Media
- Yier Zhu, Psychology/Communication**
The Development of Infants' Attention to Social and Linguistic Cues
- Nathan Soland, Chemistry**
High-Throughput Differential Thermal Analysis for Developing Phase Diagrams
- Kaia Yellowhorse, Political Science/Pharmaceutical Chemistry**
C-H Insertion of Donor/Donor Rhodium Carbenes