

UROP 2020-2021 Recipients (11/1/20)

PI, CO-PI(s), Majors	Mentor	Title
Allen, Melissa Geography Hillam, Hillary Geography	Christy Briles Geography	Urban and Suburban Food Availability for Native and Honey Bees in a Semi-Arid Environment, Denver, Colorado
Awad, Nour Biochemistry	Alan Vajda Biology	Literature Review on Polyfluorinated Alkyl Substances
Baker, Kori Biology	Colleen Julian Medicine Anschutz	Peroxisome Proliferator Activated Receptor Gamma (PPAR) Expression and Vascular Remodeling in Preeclampsia
Bikkumalla, Vrishank Biochemistry	Jeff Knight Chemistry Scott Reed Secondary Mentor	Potential Interaction Pathways between Dimethylbiguanide and Pyruvate Carboxylase
Blackwell, Florence CAM	Jeffrey Schrader CAM	Transforming the Canon: Black Representation in Renaissance Italy
Boatright, Kira History	James Walsh Political Science	Colorado's Molly Maguires: Irish Labor Radicalism in Colorado
DeBonis, David English	Drew Bixby Writing Center; English	A systematic analysis of writing center consultants' language use in client report forms: Utilizing NLP to assess practices and session outcomes
Estrada, Jouse Psychology Feldman, Katherine Political Science Huizar, Edith Biology Nguyen, Martin Biology	Trishia Vasquez Health Professions	Undocumented Immigration: Community, Awareness, Integrity, and Justice Through Education
Garvin, Ian Bioengineering	Steve Lammers Bioengineering	Shape-Memory Instruments for Cholesteatoma Removal Surgery
Guillen, Carlos Psychology	Candan Duran- Aydintug Sociology	SACNAS Long Beach, CA

Hubert, Troy Psychology	Ben Greenwood Psychology	3 and 6 Weeks of Voluntary Exercise Constrains the Activity of the Dorsal Raphe Nucleus Following Inescapable Shock
Abrams, Kelsey Psychology		
Jamil, Nashra Psychology		
Nguyen, Mimi Psychology		
Silva, Jorge (Michael) Psychology		
Hunt, Porter Film	Marty Otañez Anthropology	Workplace Safety and Labor Justice: A Video Montage of Cannabis Workers in Colorado During COVID-19
Jamil, Nashra Psychology	Ben Greenwood Psychology	Sex Differences in the Neural Circuits Underlying Voluntary Exercise
Kaminer, Mikhail Geography	Kirsten (Kris) Christensen Geography	Examining the Scope of Public Transit in the U.S. South: Charlotte, NC, Tampa, FL, and Savannah, GA
Knodle, Sierra Biochemistry	Hai Lin Chemistry	Construction of Atomistic Models of CLC ^F F-/H+ Antiporters in Physiological Environment
Bhat, Shamik Biology		
Talachutla, Sahitya Biology		
Lawrence, Emma Political Science	James Walsh Political Science	The Life of Bridget: An Examination of Irish Domestic Servants in Colorado
Leach, Trevor Art	Rian Kerrane CAM	In Memoriam: 1918/2020
Lim, Jae-Hwan Chemistry	Emilie Guidez Chemistry	Computational Analysis of Reduction of CO ₂ Into CO Using Gold Nanoclusters with Cysteine and MPA Ligands
Lister, Jada Psychology	Carly Leonard Psychology	An Investigation of Individual Differences in Biological Motion Perception Within the Autism Phenotype
Mezta, Indiana Art	Maria Buszek CAM	Dissecting the Iconic Influences of "Jojo's Bizarre Adventures"
Minter-Brindley, Chelsea Fine Art	Carol Golemboski Photography	Contemporary Domesticity

Montgomery, Kilinoelani Chemistry	Emilie Guidez Chemistry	Computing host-guest free binding energy with a new, combined QM-MM mining minima method
Nehme, Nadine Neuroscience/CAM	Travis Vermilye CAM	Effect Design in Patient Education
Oviedo, Jillian Biochemistry	Hai Lin Chemistry	Dynamics of the Villin Headpiece Protein's Subdomain HP-36: Effects on Energy Barriers by Hydration Levels
Phelps, Annarose Biology	Chris Miller Biology	Impacts on gut microbial communities following exposure to poly- and perfluoroalkyl substances (PFASs) from fire training area plumes in Cape Cod, Massachusetts
Phillips, Cheyenne Chemistry	Resdeniz, Mario	Gordon Research Conference Andover, NH
Platt, Jonathan Bioengineering	Steve Lammers Bioengineering	Middle Ear Trainer (MET)
Quintro, Joseph Ruben CAM	Yang Wang CAM	Ballroom Influences into Contemporary Art
Riggs, Christopher CAM DiGiorgio, Jazmine CAM Neumann, Taylor CAM	Roma Sur CAM	MA Documentary Film Upstate New York
Rotello Kuri, Nicholas Biochemistry	Karin Payne Orthopedics Anschutz	Elucidating Sexual Dimorphism in Two Established Growth Plate Injury Models
Salazar, Alyssa Bioengineering	Jeffrey Jacot Bioengineering	SACNAS Conference Long Beach, CA
Saldyt, Emerald Psychology Hartzell, Jeremiah Psychology	Dave Albeck Psychology	Individual Differences in Emotional Reactivity
Sickmen, Ashell CAM	Cecilia Wu CAM	Designing New Course via Music Technology for Student-Centered Learning in Higher Education
Smith, Matthew Biochemistry	Liliya Vugmeyster Chemistry	Insights into Amyloid Beta: Phosphorylated Ser-8 Post Translational Modification
Srinivasan, Arvind Math/Physics	Anthony Villano Physics	Mathematical Distributions of Dark Matter

Stillmunkes, Shane Photography	Carol Golemboski Photography	Mental Health Awareness throughout the COVID-19 Pandemic
Stovall, Samaria Psychology & Sociology	Katherine Casillas Pediatrics, Anschutz	SACNAS National Diversity in STEM Conference Long Beach, CA
Twaige, Ahmed Biology	Brad Sith Biology	Tyrosine Phosphatase Regulation of Cancer Causing Enzyme
Turbyne, Hunter Biology	Oliver Eickelberg Medicine, Anschutz	Idiopathic Pulmonary Fibrosis and the Role of MZB-1 Positive Plasma B Cells
Valente, Aurelia Biology	John Swallow Biology	Analyzing the Effects of Serotonin on Escape Behaviors in Stalk-Eyed Flies
Wright, Julianna Biology	Maggie Lam Cardiology, Anschutz	Protein Alternative Isoforms in Cardiac Aging and Disease