

UROP 2019-2020 Recipients

PI, Co-PI(s), Majors	Mentor	Title
Baker, Kori Biology	Moore, Lorna OBGYN, Anschutz	High Altitude Pregnancy: Identifying Causes of and New Treatments for Pregnancy Disorders
Balolia, Aleezah Biology	Greenwood, Benjamin Psychology	Sex Differences in Fear Extinction and Relapse
Bonar, Kelsey Psychology		
Barrington, Emily Diana Public Health	Masters, Kevin Psychology	Exploring the Relationships Between Social Evaluative Anxiety, Mindfulness and Coping
Beresford, Victoria Psychology	Lindsey Hamilton Psychology	Does Prenatal Stress Act as a Moderator of Postpartum Depression in Mothers of GG OXTR Genotype Infants?
Cornn, Cameron Biology	Amanda Charlesworth Biology	The Effects of Zar2 on the Maturation of Immature Oocytes
Davis, Matthew T. Geography	Briles, Christy Geography	A Five-Thousand-Year Forest and Fire Reconstruction From the Eastern San Juan Mountains, Southern Colorado
Everett, Thomas Psychology	Oleson, Erik Psychology	To Determine Whether Chronic Synthetic Cannabinoid Exposure Affects the Neurobiological and Reinforcing Effects of Heroin
Lopez-Beltran, Hendrick Chemistry		
Leman, Ryan Psychology		
Fitch, Kate Public Health	Audrey Hendricks Mathematics	Disparities in Police Use of Lethal Force on the Basis of Mental Illness Symptom Presentation
Frederick, Madisen Public Health	Amy Wachholtz Psychology	Resilience Mechanisms: A Potential Protective Factor Acute Pain Experience and Pain Catastrophizing
Geiger, Angela Biology	Vajda, Alan Biology	Health of Endangered Fish in Wastewater Dominated Streams
Hillam, Hillary Geography	Christy Brilles Geography	Colorado Pollen Atlas

Himmighoefer, Haven Biochemistry	Hesselberth, Jay Biochemistry	Understanding RIG-1 Detection of Self-RNAs in Mammalian Cells
Jackson, Kristen Biology	Kelly Doran Immunology Anschutz	Role of Group B Streptococcal Surface Adhesin Protein in Promoting Interaction with Cervical Epithelium
Kim, Susan Psychology	Peter Kaplan Psychology	Mode of Delivery and the Relationship to Postpartum Depression, Infant Cognitive Development, and Mode of Feeding
Kovacevic, Tanja Chemistry Oviedo, Jillian Biochemistry	Lin, Hai Chemistry	Dynamics of the Villin Headpiece Protein's Subdomain HP-36: Effects on Energy Barriers by Hydration Levels.
Kuri, Nicholas Rotello Biochemistry	Jing Hong Wang Immunology – Anschutz	Chemotherapy Reshapes Tumor Microenvironment Via CXCL10
Macfarlane, Kevin Computer Science	Farnoush Banaei- Kashani Computer Science	Intelligent AR
Martinez, Lisette Public Health Mechergui, Safa Public Health	Yeatman, Sara HBS	Exploring the Academic Impact of School-Based Health Centers in Colorado
Maxson, Marcia Public Affairs	Rene Galindo SEHD	The Invisible Youth: Transitional Services for Foster Youth in Higher Education
Mireles, Arturo Film Smith, Todd Film	Otanez, Marty Anthropology	Green Revolution
Mitchell, Matthew Biology	Phiel, Christopher Integrative Biology	Engineering GFP-FTO Fusion Protein Using CRISPR/Cas9 Mediated Gene Knock-In
Morales Murillo, Hosbaldo Biology	Alan Vajda Biology	Histological analysis of Polyfluorinated Alkyl Substances (PFAS) Exposed Fathead Minnows Using PCNA and TUNEL
Nohr, Alina Psychology	Bland, Sondra Psychology	The Effects of Conditioned Social Fear with a Random Interstimulus Interval on Behavior During the Escapable Social Interaction Test

Osman, Karima Public Health	Jean Scandlyn HBS	Poetry as a Representation of the Social and Structural Barriers in Immigrant and Refugee Healthcare Services
Pham, Hoai Chemistry	Reed, Scott Chemistry	Investigating the Effect of Methoxy Groups on Photolabile Carbonyl-Protecting Groups
Rivers, James Biology	Christy Briles Geography/ Environmental Sciences	Chronology Reconstruction of Beaver Lake Sediment 7,000 - ~ 17,000
Roberts, Jonte Biology	Oleson, Erik Psychology	Characterization of the Effects of Systemically Increasing Dopamine, Serotonin, and Noradrenaline Levels on the Valuation of Reward Vs. Avoidance
Ronco, Alexandria Mathematics Matesi, Gregory Mathematics Arriaga-MacKenzie, Ian Mathematics	Hendricks, Audrey Mathematics	Efficient Estimation of Ancestry Proportions Using Genotype Frequencies
Salazar, Alyssa Bioengineering	Jeffrey Jacot Bioengineering Mallory Lennon	Amniotic Fluid-Derived Cardiomyocyte Model to Investigate Stretch-Responsive Signaling Pathways Involved in Hypoplastic Left Heart Syndrome
Saldyt, Emerald Psychology	Dave Albeck Psychology	The Effects of Mediation and Altruism on Neural Responses to Emotional Stimuli
Sanaei, Matin Biology	Ragland, Gregory Integrative Biology	Neurogenesis Markers in Diapausing Rhagoletis Pomonella
Seaton, Laura Psychology	Peter Kaplan Psychology	Makeup and Perception of Personality Attributes in College-Age Women
Slater, Sarah Communication/Philosophy	Mia Fischer Communication	No Permission: The Story of Titwrench Festival, 2008-2018
Slawson, Samantha Psychology	Lindsey Hamilton Psychology	Benefits of Sexual Therapy in the Disability Community
Talachutla, Sahitya Biology Bhat, Shamik Biology	Lin, Hai Chemistry	Tracing the Excess Proton in Proton Transfer Between Water and Titratable Amino Acid Side Chains

Tran, Anh Biology	Emilie Guidez Chemistry	Computational Study of Chalcogen Bonds Using Effective Fragment Potential for Rational Drug Design
Tucker, Joseph Biology	Greg Ragland Integrative Biology	Genes Important for Surviving Low Temperatures in <i>Drosophila Melanogaster</i>
Wiseman, John Psychology Campos, Kimberly Psychology	Greenwood, Ben Psychology	Optogenetic Induced Dopamine Release During Fear Extinction Facilitates Extinction Memory in the Dorsal Lateral Striatum
Wood, River Biology Hohorst, Alyssa Psychology	Greenwood, Benjamin Psychology	Development of Exercise Habits in Female Rats Depends on Estrous Phase During Exercise Onset
Woodward, Kaitlin Photography	Carol Golemboski CAM	Matka a Dite
Wright, Julianna Biology	Maggie Lam Medicine, Cardiology	Protein Isoforms in Cardiac Aging
Younglove, David Painting and Drawing	Furness, Melissa CAM	Veneer: An American Perspective on Contemporary Danish Culture