

CONGRATULATIONS
PUF AWARD RECIPIENTS!
SPRING 2022

UC DAVIS

Undergraduate Research Center

Office of Undergraduate Education

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Enmian Chang, Biotechnology - *Deciphering Cell Death Mechanism in Cartilage-Tissue Engineering*

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Samuel Carter, Neurobiology, Physiology and Behavior- *Characterizing the Membrane Permeabilities of Tryptamines using Competitive Radioligand Binding Assays*

Hannah De Groot, Biological Sciences - *Identification of trans-10, cis-12 conjugated linoleic acid Metabolism in Rumen Bacteria in Relation to Milk Fat Depression*

Vali Engles, Biochemistry and Molecular Biology - *Uncovering unexplained ATP binding phenomena in Cryptochrome 2*

Katelyn Haly, Neurobiology, Physiology, and Behavior - *Examining Feedback Motor Control Deficits in Huntington's Disease Patients*

Marta Hess, Marine and Coastal Science - *Fish Lips: Convergent Evolution of a Specialized Feeding Mechanism in Zooplanktivores*

Audrey Luo, Neurobiology, Physiology, and Behavior - *Examining the Efficacy of the Microglia Inhibitor Minocycline in Suppressing Neuroinflammation in a Rat Model of Acute Organophosphate Intoxication*

Emma Monsen, Neurobiology, Physiology, and Behavior - *Examining the Temporal Stability of Explicit and Implicit Learning Using Visual Feedback Perturbations*

Kelsey Racacho, Molecular and Medical Microbiology - *Influence of Ketogenic Diet on Lactate Metabolism in Brain Tissues*

Pemba Sherpa, Biochemistry and Molecular Biology - *Exploring the Biological Functions of FDXR Isoforms in Cancer Cell Lines*

Tracy Weitz, Plant Biology - *Impact of heat waves on E. coli O157:H7 persistence in lettuce*

Zilan Zheng, Biochemistry and Molecular Biology - *Defining Mechanisms of Macrophage Polarization in Pulmonary Fibrosis*

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Tara Raju, Biomedical Engineering - *Modeling CAR-T trafficking and effector function in immunosuppressive tumor microenvironments*

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Cesar Fierro, Chicano/a/x & African American Studies - *Experiences of Men of Color in Higher Education*

Andrea Levinson, Anthropology, Evolutionary Emphasis - *An Isotopic Test: Investigating Seasonal Pronghorn Hunting and Human Cooperation in the Western Great Basin*

Andrea Medina- Castellanos, Chicanx Studies - *Experiences of Latinas in a High Performing Charter School*