Undergraduate Research Fellows 2019

Fellows	Faculty Mentor	Faculty Mentor Department	Title of Research Project
Trisha Agarwal	Dr. Brigitte Gomperts	Pediatrics-Hematology/Oncology	Modeling and Enhancing Mucociliary Clearance in Pulmonary Disease using Airway Basal Stem Cells
Nikoo Dalili	Dr. David Krantz	Psychiatry/Biobehavioral Science	A Strategy for Mapping the Subcellular localization of a Serotonin Receptor
Zena Marie Del Mundo	Dr. Steven Bensinger	MIMG	Reprogramming of Macrophage Mitochondrial Function Through Activation of Toll-Like Receptors
Luke Elissiry	Dr. Chong Liu	Chemistry And Biochemistry	Encapsulation of Microbes in Inorganic Nanomaterials to Promote Plant Growth
Alexis May Elliott	Dr. Kent Hill	MIMG	Determining the cAMP-dependent Phosphoproteome of the Trypanosoma brucei flagellum tip
Iris Feng	Dr. Atsushi Nakano	Molecular, Cell & Developmental Biology	Glucose as a Promoter of Cardiac Regeneration
China Hagstrom	Dr. Mitchell Spearrin	Mechanical and Aerospace Engineering	Laser Absorption Spectroscopy for Combustion Efficiency in Hybrid Rockets
Jeffrey Huang	Dr. Douglas Black	MIMG	Evaluating the functional correlation between yeast PRP18 and human hPRPF18 splicing factors
Reem Karmouta	Dr. Catherine Cahill	Psychiatry/Biobehavioral Science	Involvement of Mu Opioid Receptors in Opioid-Induced Constipation and Protracted Opioid Abstinence
Ming Suet (Isabelle) Kwan	Dr. Isaac Yang	Neurosurgery	Bioengineered Nanoparticle Vault Coupled with NY-ESO-1 in Glioma Murine Model
Christian Lapitan	Dr. Nagendra Mishra	Harbor-UCLA Medical Center - Infectious Diseases	Staphylococcal Carotenogenesis in Resistance to Host Defense Cationic Antimicrobial Peptides
Karen Leung	Dr. Daniel Dumesic	Obstetrics & Gynecology	Reversing Altered Adipogenesis in Normal Weight PCOS Women Through Use of Anti-Androgen Flutamide
Christy Luong	Dr. Kathrin Plath	Biological Chemistry	A study of the dynamic behavior of Xist RNA by live-cell super resolution microscopy
Jane My Ly	Dr. Wendie Robbins	Nursing	Multiple Vitamins and Supplement Combinations on Sperm Parameters in Infertility Patients
Lior Peretz	Dr. Amander Clark	Molecular, Cell & Developmental Biology	Naive Pluripotency Transcription Factors in Human Primordial Germ Cell Development
Andres Rodriguez	Dr. Oliver Fregoso	MIMG	Identifying Target Proteins Important for Vpr DNA Damage Response Activation
Kyle Sheu	Dr. Thomas Graeber	Molecular & Medical Pharmacology	Mapping the Genetic Dependencies of Chromosomal Instability in Cancer Cells
Ashley Shirriff	Dr. Kelsey Martin	Psychiatry/Biobehavioral Science	CREB-Regulated Transcriptional Coactivator 1 (CRTC1) Activity in Differentiated Neuronal Cell Lines
Rachelle Stark	Dr. Rachelle Watson	Integrative Biology & Physiology	Elucidating sarcospan's role in cardiac tissue and heart physiology.
Spenser Talkington	Dr. Rahul Roy	Physics and Astronomy	Towards Analytic Chern Numbers, and Critical Exponents in the "Quartic Hofstadter" Model of Solids
Xinran Tang	Dr. Yung-Ya Lin	Chemistry and Biochemistry	Enhanced r1, r2 in Nanostructure
Kimberly Uehisa	Dr. Tamara Horwich	Medicine-Cardiology	A Text-Messaging Program to Promote UCLA Student Heart Health and Wellness
Sara Varadharajulu	Dr. Edward Lee	Radiological Sciences	Examining the Trajectory of post-TIPS HE Patients with ePTFE Covered vs Bare Stents
Brandon Vong	Dr. Steven Jacobsen	Molecular, Cell & Developmental Biology	Targeted Demthylation of FWA promoter with SUNTAG-TET1 using Tobacco Rattle Virus to deliver gRNAs
Emily Wang	Dr. Daniel Lu	Neurosurgery	The role of somatostatin in the cervical spinal respiratory circuit
Marianna Aslanyan	Dr. Amander Clark	Molecular, Cell & Developmental Biology	Elucidating the Function of Critical Transcription Factors for Human Germline Formation
Kristen Stefanescu	Dr. Larry Hoffman	Surgery-Head & Neck	Cisplatin-Induced Inner Ear Epithelial Lesions: The Impact of Oxidative Stress on Afferent Dendrites
Jacob Alderete	Dr. Catherine Cahill	Psychiatry/Biobehavioral Science	The Role of Peripheral Mu-Receptors in Mediating the Affective Dimension of Chronic Pain
Alina Lynn Kochocki	Dr. Rene Ong	Physics and Astronomy	Characterization of GAPS Time of Flight System
Priya Kohli	Dr. Patricia Phelps	Integrative Biology & Physiology	The Role of Reelin in the Olfactory System
Shreya Mantri	Dr. Utpal Banerjee	Molecular, Cell & Developmental Biology	Investigating the process of progenitor cell differentiation in the Drosophila larval lymph gland
Esmeralda Villavicencio Gonzalez	Dr. Amander Clark	Molecular, Cell & Developmental Biology	In vitro generation of late stage primordial germ cell-like cells in xenogeneic reconstituted testis