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SURP Awards - 2010

Congratulations to the following students for receiving a Summer Undergraduate Research Program (SURP) Fellowship in support of their faculty-mentored research projects and creative activities.

Student Name	Major(s)	Faculty Mentor(s)	Project Title
Kirollos Abdel-Malek	Biological Sciences	Professor James D. Belluzzi	The Effects of Nicotine Pretreatment on Social Interactions in Adolescent Rats Given a D2 Receptor Agonist
Samar Abedrabbo	Biological Sciences	Professor Adam Martiny	Diversity and its Limits: Variation within Prochlorococcus Ecotypes
Stephanie Aguilar	Chemistry	Professor Sheryl Tsai	Structural Characterization and Mutagenesis of StfQ
Asim Q. Ahmad	Biological Sciences	Professor Sheryl Tsai	Elucidating the Mechanism of Cyclization of the Bikaverin Synthase Product Template Domain by Site Directed Mutagenesis
Daniela P. Amado	Psychology	Professor Michael D. Lee, Professor William R. Shankle	The Effects of Alzheimer's Disease on Metamemory
Adan Amarillas	Mechanical Engineering, Aerospace Engineering	Professor Derek Dunn-Rankin, Professor John D. Garman	Modeling Local Heating and Laser Interactions on Soft Tissue
Jahanzeb S. Ashraf	Biological Sciences	Professor Peter A. Bowler	Growing and Extracting Biofuel from Algae
Melody C. Avakian	Biological Sciences	Professor Tom Carew	Examining the Role of Cysteine-Rich Neurotrophic Factor (CRNF) in 5-Hydroxytrptamine-Induced MAPK Activation
Raquel S. Ayubi	Political Science, Psychology & Social Behavior	Professor Bojan Petrovic	A Comparison of three Periods: The Role of Afghan Women before the Cold War, during the Civil Wars and after the Taliban
Beina Azadgoli	Biological Sciences, Cognitive Psychology	Professor Mahtab Jafari	Gaining further Insight into Rhodiola rosea's Mechanism of Action by Assessing its Effects on Sleep and Circadian Cycles
Jessie I. Baker	Social Ecology	Professor Daniel S. Stokols, Professor David P. Kirkby	Residential Energy Consumption Patterns: An Analysis of Feedback Users
Sourish Bandyopadhyay	Biomedical Engineering	Professor Steven C. George	Optimizing Growth of In vitro Prevascularized Cardiovascular Tissue
Bianca Y. Barrios	Social Science, Psychology and Social Behavior	Professor Jeanett Castellanos	Latina Undergraduates Perceptions of Microaggressors, Coping and Well-Being
Hope Bataclan	Dance	Professor Sheron C. Wray, Professor Jennifer Fisher	Dance, Infused with Education and Technology, in Ghana, West Africa

Lindsay M. Berliner	Dance	Professor Lisa M. Naugle	Dance Improvisational Summer Intensive
Karthik R. Bharadwaj	Biological Sciences	Professor Norbert J. Fortin, Professor Timothy A. Allen	Investigating Regional Specificity in the Medial Temporal Lobe in Rats During a Sequence Task
Jeremy Blanco	Social Ecology	Professor AnneMarie M. Conley	Flow Psychology: The Motivation to Achieve Flow Amongst College Students in Their Education
Stephen J. Breen	Physics	Professor Russell Detwiler	Evaluation of the Ability of Geophysical Electric Resistance Tomography to Track Subsurface Multiphase Flows
Alexander G. Bretana	Informatics	Professor Gillian R. Hayes	Understanding and Envisioning Ubiquitous Computing Systems in Volunteer Management and Coordination
Ian A. Brown	Information & Computer Science	Professor Bill Tomlinson	KarunaTree
Yi Bu	Biological Sciences	Professor John Krolewski, Professor Kent Nastiuk	FOXO3a and Androgen Receptor Interactions
Anna T.O. Bui	Biomedical Engineering	Professor Hung D. Nguyen	Modeling Viral Particles
Suzanne M. Casazza	English	Professor Alice E. Fahs	Children's Literature from 1850 to 1900: Shaping and Reflecting Society
Gabrielle D. Castro	Dance-Choreography, English (Creative Writing)	Professor Sheron C. Wray, Professor Jennifer Fisher	INSIGHT Goes to Ghana
Christopher M. Celaya	Political Science, Sociology	Professor Anthony McGann	Is STV a Possibility for California
Varshini Chakravarthy	Biomedical Engineering: Premedicine	Professor Zoran Nenadic	Predictive Model for Intracranial Hypertension
Marvin Chan	Mechanical Engineering, Materials Science Engineering	Professor Martha Mecartney	Thermal Shock Resistance of Oxygen Sensors
Vickie Cheng	Chemistry	Professor Sheryl Tsai	Elucidating the role of HedE in the Biosynthesis of the Hedamycin Aromatic Core
Seton P. Chiang	Sociology	Professor Lisa M. Naugle	Dance: An Art that Transcends Music?
Derek D. Chien	Biomedical Engineering: Premedicine	Professor Elliot Botvinick	Design and Construction of an Active micro-Rheometer
Alex Chu	Computer Engineering	Professor Jean-Luc Gaudiot	Cloud Computing - Communication Mechanisms
Emerald Chun	Biomedical Engineering: Premedicine	Professor Steven C. George	The PDMS Bubbler Effect: Creating a Three – Dimensional Representation of the Extracellular Matrix to Measure Cellular Growth Response to Mechanical Stress
Chris Combs	Informatics	Professor Gillian R. Hayes	Evaluation of Health Information Systems at UC Irvine Medical Center
Maithao T. Dang	Biological Sciences	Professor Sheryl Tsai	Structural Characterization of Type I Iterative Non-reducing Polyketide Synthases
Scott J. David	Ecology & Evolutionary Biology	Professor Kailen A. Mooney	Changes in Mycorrhizal Colonization and Arthropod Community Structure of Native Deinandra fasciculata due to Invasive B. nigra
Anthony R. Dawson	Biological Sciences	Professor Suzanne B. Sandmeyer	Host Factor Regulation of Ty3 Retrotransposition
Janice D. De Jesus	Biomedical Engineering	Professor Elliot Hui	Integration of Poly N-Isopropylacrylamide in Pneumatically Controlled Microfluidic Channels
Cynthia de la Torre	Literary Journalism	Professor Carol Burke	Presenting the History of Mining in the Adirondack Mountains
Julian M. DeGuzman	Dance-Performance, Sociology	Professor Lisa M. Naugle	Dance Improvisation and Performance: Creating and Sharing Movement in a Foreign Setting
Mindy L. DeYoung	Psychology, Management Minor	Professor Michael D. Lee, Professor Pernille Hemmer	The Influence of Expertise on General Knowledge and Prediction Ordering Tasks
Veena Dharmadhikari	Neurobiology	Professor Oswald Steward	Distribution of Transfected RNA in Neurons in Culture
Quentin Dietz	Biomedical Computing	Professor Peter A. Bowler	Growing and Extracting Biofuel from Algae

Saron Ephraim	African-American Studies, Public Health Policy	Professor Oladele A.. Ogunseitan, Professor Sheron C. Wray	Dance as a Holistic Approach to Health: Tracing the History of Dance in Accra, Ghana through the Lens of Health
Francisco J. Espitia	Biological Sciences	Professor Bogi Andersen, Professor Amelia Soto	Get1 directly regulates Tgm1 expression in the epidermis
Daniel M. Etherton	Economics	Professor Gary Richardson	Banking and Financial Panics
Roxanne M. Favis	Biological Sciences	Professor Thomas C. Cesario	Cascade Iodination Technique
Kathryn Y. Felsinger	Dance	Professor Lisa M. Naugle	Immersion Into Improvisation in Spain: Understanding Collaboration, Dance Technique and the Connection to Dance Therapy
Kristen E. Figueira	Urban Studies	Professor Daniel S. Stokols, Professor David P. Kirkby	Residential Energy Consumption Patterns: An Analysis of Feedback Users
Dario X. Figueroa	Biological Sciences	Professor Marcelo A. Wood	Role of Hippocampus in Retrieval of Location-Dependent Object Recognition Long-Term Memory
Vanessa C. Fong	Biological Sciences	Professor Jogeshwar Mukherjee	Imaging Serotonin Receptors
Masih A. Fouladi	Economics, Cognitive Psychology	Professor Gary Richardson	The Effects of Legal Policy and Legislation in the United States and Globally on Banking During the Great Depression
Amanda C. Freise	Genetics	Professor Bruce Blumberg	Role of Highly Chlorinated Polychlorinated Biphenyls as SXR Antagonists and Stimulators of B-1a B Cell Proliferation
Jannet Galdamez	Dance	Professor Sheron C. Wray	Collaborative Conversations on the Continent
Esperanza Garcia	Psychology, Chicano/Latino Studies	Professor Jeanett Castellanos	The Validation of the “Academic Family” Measure with Latina/o College Students
Andrea Gaspar	Anthropology, Psychology	Professor Karen B. Leonard, Professor Sheila G. O'Rourke	Nationalism, Racism, Discrimination and Contemporary Gypsy Art in Hungary
Hilda Gaytan	Sociology	Professor Deborah L. Vandell	Factors that are Associated with Adolescents' Attendance in a High Quality Youth Program
Michael K. Girard	Physics	Professor Tammy Smecker-Hane	Investigation of the Chemical Composition of Stars in the Sculptor Dwarf Spheroidal Galaxy
Rodolfo Gordillo	Computer Science	Professor Alexander T. Ihler	Learning to Rank
Michael Gou	Economics	Professor Gary Richardson	Banking Runs in the 1930's and their
Lindsey N. Gripe	Biological Sciences, Cognitive Psychology	Professor Andrea J. Tenner	Effects of Pharmacological Inhibition of C5aR with PMX205 and PMX53 on Plaque Pathology in Mouse Models of Alzheimer’s Disease
Stephanie C. Hammel	Chemistry, Biological Sciences	Professor Athan J. Shaka	Gamma Irradiation: A New Treatment for Longer Life?
Jared P. Haren	Computer Science & Engineering	Professor Gillian R. Hayes	Visualizing Personal Digital Traces Using Mobile Phone Logs
Sina S. Hashemi	Aerospace Engineering	Professor Derek Dunn-Rankin, Professor John D. Garman	The Two-way Interactions between Vaporizing Liquid Droplets and a Turbulent Flow: Fully Resolved DNS and Experiment
Roni A. Hazim	Biological Sciences	Professor Leslie Lock	The Roles of Rex-1 and the JAK/STAT Pathway in Human Myoblast Differentiation
Esmeralda A. Hernandez	Political Science	Professor Jeanett Castellanos	Latino High School Students: A Psychosociocultural Perspective of Coping Mechanisms and Academic Persistence
Maria I. Hernandez	Psychology & Social Behavior	Professor Wendy A. Goldberg	Division of Labor and Marital Quality in Families Raising Children With and Without Autism Spectrum Disorders (ASD)
Vanessa N. Hernandez	Psychology & Social Behavior	Professor Jodi A. Quas	The Influence of Interviewer-Provided Social Support on Adolescents Memory Accuracy

Charles B. Hicks	Religious Studies	Professor Jack Miles	Charismatic Authority and the Figure of the Prophet in the Church of Jesus Christ of Latter-day Saints
Gary P. Hill	Materials Science Engineering, Mechanical Engineering	Professor Marc Madou	Fabrication of Suspended Nano-Wires via Controlled Electrospinning Deposition of SU-8
Andrew P. Ho	Biological Sciences, N/A	Professor Jennifer Martiny, Professor China Hanson	Spatial patterns in the Phenotypic Diversity of Viruses Infecting Marine Synechococcus
Jennie T. Ho	Biological Sciences	Professor Stephanie Tjen-A-looi	Role of Rostral Ventral Lateral Medulla during Effects of Electroacupuncture in Response to Cardiovascular Depressor Responses
Kenny Hoang	Biological Sciences	Professor John H. Weiss	The Interaction Between Cyclophilin-D and Mutant Superoxide Dismutase on Neuronal Survivability
Mitchell D. Hsing	Physics, Electrical Engineering	Professor Gutekin Gulsen	Direct Chromophore Reconstruction for Diffuse Optical Tomography (DOT)
Irvin B. Huang	Biomedical Engineering	Professor Catherine Loudon	A Green Approach to Insect Pest Control Efforts: the Effects of Sticky Surfaces on Bedbug Locomotion
Naoko Ichiishi	Chemistry	Professor Elizabeth R. Jarvo	Development of a Silver-catalyzed Propargylation and Allenylation of Pyruvates
Kenji Ikemura	Biomedical Engineering	Professor Steven C. George	Creating Airway Models: Generating Prestress and its Analysis by Imaging
Leilani M. Isozaki	Biological Sciences	Professor James L. McGaugh, Professor Larry Cahill	Neurological and Psychological Implications of Superior Autobiographical Memory
Farnaz Jadbabaie	Civil Engineering	Professor Farzin Zareian	Assessment of Collapse Capacity of Structural Systems Using Cyclic Pushover
David Jaenisch	Physics	Professor Michael Dennin	Effect of Flow History on Elastic Modulus of Foams
Natalie D. Johnson	Dance-Choreography	Professor Lisa M. Naugle, Professor John L. Crawford	Dance and Digital: An Exploration of Dance, Improvisation, Collaboration, Photography, and Video
Daniel P. Joseph	Physics	Professor Joseph Huszti	The World Choir Games: A Cultural and Musical Insight into the World of Singing
Sima Kamouie	Business Economics	Professor David Neumark	An Empirical Estimate of the Effect of Sales Tax Policy on Job Composition in Alaska
Justin M. Keats	Dance	Professor Lisa M. Naugle, Professor John L. Crawford	Embodying Improvisation: Generating Movement and Creating a Social Network in Figiliana, Spain and New York City, New York
Garrett C. Kehoe	Civil Engineering	Professor Betty H. Olson	Denitrifying Bacteria in a Wastewater Plant
Ariana L. Keil	Anthropology	Professor Karen Leonard, Professor Sheila G.. O'Rourke	Determinants of Female Genital Cosmetic Surgery: An Examination of Pornography and Cultural Visual Constructs of the Vulva, their Contribution to Women's Genital Anxieties, and Their Intersections with the Culture of Cosmetic Surgery
Seyed Ali A. Khalessi Hosseini	Biomedical Engineering	Professor Stephanie M. Reich	Breastfeeding, Obesity, and Infantile Feeding Habits
Matin Khoshnevis	Biological Sciences	Professor Darren Malinoski	The Inflammatory Response to Brain Death and Its Effects on the Suitability of Organs for Donation and Recipient Graft Function
Ali A. Khostovan	Physics	Professor Asantha R. Cooray	Determining Correlations in the CIB and Fitting with Dark Matter Halo Models
Mitri K. Khoury	Biological Sciences	Professor Dana W. Aswad	Mechanism of CRMP2 Aggregation and Oligomer Formation in vitro
Keun Chul Kim	Biological Sciences	Professor Stephanie Tjen-a-looi	Role of the Sympathetic Pathway and Rostral Ventrolateral Medulla during the Effects of Electroacupuncture on Cardiovascular Depressor Reflexes
Jae woo Kim	Quantitative Economics	Professor Gary Richardson	Banking Panics During the Great Depression
Jinwan Kim	Biomedical Engineering: Premedicine	Professor Brian JF. Wong	Control of Costal Cartilage Warping Using Electromechanical Reshaping
Joe M. Klunder	History	Professor Michael E. Martinez	Computerized Cognitive Training Methods to Increase Intelligence

Bryan Koe	Computer Science & Engineering	Professor Ian G. Harris	Debugging Microcontroller Systems
Scott J. Koppel	Biological Sciences	Professor Karina S. Cramer	Effect of Neuron-Glia Interaction on Dednritic Reorganization in Developing NL Neurons of the Avian Auditory Brainstem
Natalie A. Kovacs	Psychology & Social Behavior	Professor Deborah L. Vandell	What Factors are Associated with Adolescent Attendance in High Quality Youth Programs?
Sharango Kundu	Aerospace Engineering	Professor Peter A. Bowler	Growing and Extracting Biofuel from Algae
Madeline K. Lamond	Dance-Performance	Professor Loretta Livingston, Professor Lisa Naugle	"The Madcat Factory: Exploring Dance Improvisation"
Kevin Launglucknavalai	Mechanical Engineering	Professor Feng Liu	CUDA Acceleration of 2D Reynolds Averaged Navier Stokes Flow Solver
Bryan Q. Le	Chemistry	Professor Zhibin Guan	Synthesis and Characterization of Structural and Electronic Variants of the Super-Stack-Blocked (SSB) 4-Ureido-2-Pyrimidone (UPy) Discreet-Folded-Dimer (DFD) Module
Bao Tran T. Le	Chemistry	Professor Rommie E. Amaro, Professor Robert V. Swift	Binding Mode Studies of Herpesvirus Protease and Small-Molecule Dimer Disruptor DD2
Thomas S. Lee	Pharmaceutical Science	Professor Mahtab Jafari	Examining the Effects of Curcumin on Mitochondrial Activity in Drosophila melanogaster
Patricio G. Legras	Anthropology, Possible History Major	Professor Michael Montoya	"Indianizing" Mexico: Race and National Identity in Mass Visual Culture
John Leong	Biological Sciences	Professor Sheryl Tsai	Determination of Structure and function of EqiS TR, a enzymatic domain of Equisetin Synthase
Ben K. Lesel	Chemistry	Professor Kenneth J. Shea, Professor Yu Hoshino	Synthesis of Polymer Nano-Particles for Selectively Targeting Toxic Peptides
Rebecca M. Levy	Dance-Performance, Business Administration	Professor Lisa M. Naugle	Dance Improvisation in Frigiliana, Spain
Theresa Lien	Biological Sciences	Professor Marcelo A. Wood	Localization of HDAC4 and 5 in Neurons Lacking HDAC3
Stacey E. Lien	Psychology, Sociology	Professor AnneMarie M. Conley	Middle School Vietnamese American Math Effiacy: The Association of Educational and Occupational Aspirations with the Academic Competence to Succeed
Tom G. Lillehoff	Studio Art	Professor Gillian R. Hayes	Developing a Storytelling Game to Enhance the Social Skills of Children with Autism
Jessica X. Lim	Biomedical Engineering	Professor Michael W. Berns	Centrosomes: Are They Important for Mitosis?
Dana Lin	Biological Sciences, Chicano/Latino Studies	Professor Andrej Luptak	Searching and Characterizing Functional Genomic Sassanfar Aptamers
Sarah E. Link	Psychology & Social Behavior, Public Health Policy	Professor Sally Dickerson	The Effects of Exercise on Physiological and Psychological Responses to Stress
Austin Liou	Computer Science & Engineering	Professor Ian G. Harris	Design Tradeoffs of Embedded Video Processing Systems
Darina J. Littleton	Dance	Professor Sheron C. Wray	"Collaborative Conversations on the Continent"
Irene J. Liu	Dance-Performance	Professor Molly Lynch	National Choreographers Initiative
Sophia Y. Liu	Biological Sciences, Chemistry	Professor Bruce Blumberg	Identification of the Role of Etv3 and Erf in the Retinoic Acid Regulation of Primary Neurogenesis
Juan Lopez	Political Science, History	Professor Caesar Sereseres	An Unholy Alliance: West Africa's Emerging Terror-Drug Nexus
Amanda Lopez	Public Health Policy	Professor Zuzana Bic	What Are the Medicinal Uses among the Latino Population with Diabetes?
Bao Lor	International Studies	Professor Caesar D. Sereseres	The Hmong and their Relationship with the United States During the Vietnam War
Justin C. Luo	Biomedical Engineering, Chemistry	Professor Steven C. George	The Role of TGF-β in Increasing the Contractility of Fibroblasts

Denise Ly	Biological Sciences, Psychology	Professor Norbert J. Fortin, Professor Timothy A. Allen	In Search of Ssequence Memory in the Brain: The Effects of Hippocampal and Perirhinal Lesions on Recognition for Items in Sequence
Asif A. Majid	Biological Sciences	Professor Anthony A. James	Tissue-Specific Gene Expression in the Salivary Glands of the Dengue Vector Mosquito, Aedes aegypti
Neal A. Maler	Biological Sciences	Professor Sunny Jiang	Influence of Spring Tides on the Population Dynamics of Fecal Indicator Bacteria in Southern California Coastal Waters.
Samantha T. Matsumoto	Dance	Professor Lisa M. Naugle	Explore Improvised Choreography and Oneself
Monica E. McCallum	Chemistry	Professor Kenneth J. Shea	Approach to the Total Synthesis of (–)-Stenine
Daniel McMullin	Arts & Humanities	Professor Allison Miller, Professor Tanis Thorne, Professor Yong Soon Min	The Traditional and Contemporary in Oceania Art of the Pacific Islands
Olivia R. Medina	History, Anthropology	Professor Laura Mitchell	Worldstock.com's Neo-Colonialism in Ghana: Misrepresentations of the Ashanti
Nilofar Mehdizadeh Saraj	Political Science	Professor Caesar D. Sereseres	Arezoo
Katie Mo	Biomedical Engineering: Premedicine	Professor Steven C. George	Prevascularization of Fibrin Tissue In Vitro
Aram S. Modrek	Biomedical Engineering	Professor Wen-Hwa Lee	Human Mitochondrial Poly(A) Polymerase and Poly(A) Tail Metabolism in Response to Cellular Energy States
D'Amore Montgomery	Criminology, Law & Society	Professor Deborah L. Vandell	Factors that are Associated with Adolescents' Attendance in a High Quality Youth Program
Katherine Montoya	Dance, Drama	Professor Jennifer Fisher	Dance and Drama Forms in Ghana, West Africa
Tibisay T. Moreno	European Studies	Professor Stephanie M. Reich	A Comparison of Reading Styles between African American, Hispanic, and Caucasian Mothers and their Infants
Sarah D. Mortero	Neurobiology	Professor Steven C. Cramer	Brain-Derived Neurotrophic Factor (BDNF) Val66Met Polymorphism Effects on Cognitive and Motor Skill
Niloufar Moslehi	English	Professor Nasrin Rahimieh	Causes and Consequences of the 1979 Islamic Revolution in Iran
Justin J. Moy	Civil Engineering	Professor Stephen Ritchie	Simulating the Arterial Traffic Network in the San Pedro Bay Port Area to Facilitate Air Quality Impact Investigation
Katrina J. Muffley	Dance	Professor Lisa M. Naugle	Movement, Research and Performance through Improvisation in Andalusia, Spain
Mithil R. Munshi	Mechanical Engineering	Professor Wenlong Jin	Implementing Electric Bicycles on UC Irvine Campus
Shruthi V. Murali	Biomedical Engineering: Premedicine	Professor Steven C. George	Impulse Oscillometry: A Viable Pulmonary Function Test?
Kaela L. Napolitano	Chemical Engineering	Professor Ali Mohraz	Synthesis of Pickering Emulsions for Confocal Microscopy and Rheology
Linda M. Naylor	Criminology, Law & Society	Professor Donna C. Schuele	"Assessment Tools to help Analyze Learning Outcomes in C7 (Introduction to Criminology, Law and Society), a course offered at UCI"
Jodi L. Nelson	Biological Sciences	Professor Yi Hong Zhou	The Angiogenesis Suppressing Properties of the Extracellular Protein EFEMP1
Tuan Ngo	Biological Sciences	Professor Paul D. Gershon	Vaccinia Virus Protein Quantification and Abundance Quantitation by Proteomic Analysis Using Mass Spectrometry
Linda L. Nguyen	Biological Sciences, Chemistry	Professor Xiaolin Zi	The Anti-proliferative Effects and Underlying Mechanisms of a New Class of Synthesized Cyclooxygenase-2 Inhibitor on Prostate Cancer
Tony D. Nguyen	Biomedical Engineering	Professor Brian JF. Wong	Effects of Electromechanical Reshaping on Stiffness Behavior of Bovine Tendon
Jamie Noh	Comparative Literature	Professor Adriana Johnson, Professor Alexander Gelley	Self-Interest vs. Communality
Madelyne M. Oliver	Art History, Anthropology	Professor Alka Patel	What is Research in the Virtual World

Chau D. Ong	Chemistry	Professor Rommie E. Amaro, Professor Robert V. Swift	RNA Editing Ligase Interaction with Divalent Metal Cofactors in Trypanosoma brucei
Danielle E. Ordunio-Palomares	Music	Professor Darryl Taylor	Attending and Performing in the Amalfi Coast Music Festival & Institute in Amalfi, Italy
Emi Oshima	Dance, Public Health Science	Professor Lisa M. Naugle	Somatic Dance Movement Research and Performance Improvisation in Frigiliana, Spain
Breanna N. Padilla	Biomedical Engineering	Professor Elliot Botvinick	Determining the Force Gradient of the Twistometer 9000 and its Influence on Capillary Formation
Boyang Pan	Earth & Environmental Science	Professor Diane E. Pataki	The Iinfluence of N Source and Fertilizer Application on Growth of a Tropical Pitcher Plant, Nepenthes ventricosa
Shaudee Parvinjah	Biological Sciences	Professor Jorge Busciglio	Surfactant Induced Neuroprotection following Mechanical Injury during Cryopreservation
Payal B. Patel	Biomedical Engineering	Professor Albert E. Cerussi	Development of a Molecular Imaging Phantom for Diffuse Optical Spectroscopic Imaging
Rohan V. Patel	Biological Sciences	Professor Marcelo A. Wood	Analysis of CBP Regulation in CA3 Dependent Memory
Sarin N. Patel	Biomedical Engineering	Professor Anthony Durkin	Burn Depth Assessment Using Spatial Frequency Domain Imaging
Apurva Patel	Biomedical Engineering	Professor Abraham P. Lee	Shear Sorting of Same Sized Droplets
Monil Patel	Biological Sciences	Professor Peter A. Bowler	Growing and Extracting Biofuel from Algae
Davita H. Paul	Dance	Professor Lisa M. Naugle, Professor John L. Crawford	Integrating Video Technology and Dance in Andalucia Spain: A Cross-Cultural, Cross-Disciplinary Study
Davita Paul	Dance	Professor Sheron C. Wray	Cross-Cultural, Cross-Disciplinary: An Investigation into the Growth of Dance
Noemi S. Perlas	Biomedical Engineering	Professor Steven C. George	Mechanical Evaluation of Thermally Reactive Poly (N-isopropylacrylamide) as Sensors in Microfluidic Chips
Nhieu T. Pham	Developmental & Cell Biology	Professor Bruce Blumberg	The Epigenetic effect of TBT on Mesenchymal Stromal Cells in relation to Obesity
Kevin T. Phan	Biological Sciences	Professor Hans S.. Keirstead	In Vitro Characterization of Motor Neuron Progenitors (MNPs) Cell Cultures
Derek T. Phan	Biological Sciences	Professor James D. Belluzzi	Nicotine's Effects on Drug and Sucrose Extinction and Reinstatement in Adult and Adolescent Rats
Krystal A. Piresp-Patch	Dance	Professor Sheron C. Wray	Gender in Ghanaian Dance
Grant P. Porter	Biological Sciences	Professor Todd C. Holmes	CRYPTOCHROME and the Mutation of the Tri-Tryptophan Motif in Drosophilia circadian Clock
Jason Poullard	Dance, Drama	Professor Lisa M. Naugle	Continued Progressive Composition Through Integrated Leveles: Dance, Music, Drama and Media Arts in Andalusia, Spain
Amy E. Quanbeck	Dance	Professor Jeff Russell	Kinematic and Gait Assessment of Lower Extremity Rotation in Dancers and Non-Dancer Age-Matched Controls
Amy E. Quanbeck	Dance	Professor Lisa M. Naugle, Professor John L. Crawford	Improvising My Way through Spain: Creating Dance and Video for Performance
Bryon Riggs	English	Professor Richard Godden	Assessing Shifts: A Look at the Evolution of Capitalism from Modernity to Late Capitalism through Literature
Christopher J. Ro	Mechanical Engineering, Materials Science Engineering	Professor Lorenzo Valdevit	Measuring the Linear and Non-Linear Bending Response of Silicon Cantilevers using a Novel Micro-Mechanical Test Frame with 20nN Resolution
Johnny Rodriguez	Biological Sciences	Professor Gregory A. Weiss, Professor Cathie M. Overstreet	Engineering Non antibody Affinity Reagents for Molecular Recognition

Oscar F. Rojas Perez	Sociology, Chicano/Latino Studies	Professor Jeanett Castellanos	Latino Male Undergraduates Coping Strategies and Well-Being A Psychosociocultural Approach
Jiraporn Rungvivatjarus	Business Economics	Professor Amihai Glazer	The Driving Force behind Pharmaceutical Expenditures
Brandon Saller	Aerospace Engineering, Materials Science	Professor John R. Porter, Professor Farghalli A. Mohamed	Analysis of Local Texture Across Layers in Electron-Beam Melted (EBM) Ti-6Al-4V via Electron Backscatter Diffraction (EBSD)
Bojana Sandic	Literary Journalism, Psychology and Social Behavior	Professor Amy Wilentz	80's Yugoslavian Rock Music as a Socio-Cultural Movement that Defined and Defended Yugoslavianism
Shane E. Scopatz	Dance	Professor Loretta Livingston	A Hop, Skip, and a (Insert Movement Here)
Brianna M. Segura	Biological Sciences	Professor Diana N. Krause, Professor Sue P. Duckles	Effects of PPT on Purified Brain Endothelial Cells
Michael A. Sevilla	Computer Science & Engineering	Professor Ian G. Harris	Host-Based Intrusion Detection System Using an FPGA
Dahnish Shams	Economics	Professor Peter Bowler	Growing and Extracting Biofuel from Algae
Camille P. Shehadeh	Psychology & Social Behavior	Professor Wendy A. Goldberg	Marital Quality and Division of Labor Among Parents of Children With an Autism Spectrum Disorder and Typical Developing Children
John W. Shek	Mechanical Engineering, Material Science Engineering	Professor Farghalli A. Mohamed	Corrosion Properties of Nanostructured and Commercial Copper
Elliot M. Sherman	Earth & Environmental Science	Professor Jefferson K. Moore	Refining UCI's Earth System Computer Model
Alysha R. Shroff	Dance, Psychology and Social Behavior	Professor Lisa M. Naugle, Professor John L. Crawford	Exploring Choreographic Creation through Improvisatory Dance and Video/Media Technology
Eric K. Shum	Mechanical Engineering, Materials Science Engineering	Professor Farghalli A. Mohamed	The Effect of Different Surface Treatments on the Corrosion Properties of Commercially Pure Titanium
Puneet K. Sidhu	Ecology & Evolutionary Biology	Professor Hans S. Keirstead	Analysis of Neuromuscular Junction Maturation in Mouse Models of Spinal Muscular Atrophy following Transplantation of Human Embryonic Stem Cell-Derived Motor Neuron Progenitors
Kevin J. Slagle	Physics, Math	Professor Anyes Taffard	Heavy Majorana Neutrino Search and ATLAS Data Quality Monitoring Display
Sylvia L. Smith	African-American Studies	Professor Sheron C. Wray	"Collaborative Conversations on the Continent"
Tandis Soltani	Biological Sciences	Professor Paolo Casali, Professor Hong Zan	C-MYC-IGH Translocation in Lupus-Prone Mice
Gail Sparks	Information & Computer Science	Professor Ian G. Harris	Hardware Antivirus Detection System: A Behavioral Approach
Aishwarya Sridharan	Biological Sciences	Professor Anshu Agrawal	Impact of Age-Associated Decline in Plasmacytoid Dendritic Cell Function on Anti-viral Immune Responses
Nancy U. Ta	Biological Sciences	Professor James D. Belluzzi	Cigarette Smoke Extract (CSE) Effects on Self-Administration in Adult Male Rats and its Relationship to the Rewarding Value of Nicotine
Jenna N. Tatone	Dance-Performance	Professor Sheron C. Wray	Collaborative Conversations on the Continent: the Motive to Move
Julie M. Taylor	Biomedical Engineering	Professor Steven C. George	Effect of Fibrin-Collagen Matrices on Vessel Development
Alfredo J. Tigerino	Psychology & Social Behavior	Professor Salvatore Maddi	Eating Habits and Hardiness
Samiyyah Tillman	Public Health Sciences, African-American Studies	Professor Jared Sexton	"Because some of us are Brave," a Closer Look at the History of Black Feminism
Kevin N. Tran	Biological Sciences	Professor Sunny Jiang, Professor Marilou Sison-Mangus	The Relationship between Epibiont Bacteria and the Diatom Pseudo-nitzschia that Leads to the Production of the Toxic Domoic Acid
Anthony Tran	Biological Sciences	Professor Marcelo A. Wood	CBP Acetlyation on RelA of NF-kB may Facilitate Contextual Fear Memory

Tuyet Hong T. Tran	Biological Sciences, Educational Studies	Professor Kimberley Lakes	A Qualitative Analysis of Bioethical, Cultural, and Practical Issues Affecting Recruitment and Retention in the NCS
Steven T. Truong	Biomedical Engineering	Professor Nathan D. Wong	Cardiovascular Mortality Risk Among U.S. Adults By Asthma Status
Jonas Tsai	Electrical Engineering	Professor Lisa M. Naugle, Professor John L. Crawford	Timeline of Spontaneous Movement in Dance Improvisation (Spain)
Anita Venkatesan	Biomedical Engineering: Premedicine	Professor John Krolewski, Professor Kent Nastiuk	Development of Micro-Scale Western Blotting for Clinical Cancer Diagnostics
Michael M. Vu	Chemistry	Professor Andrej Luptak	In Vitro Selection of Aptamers from Human Genomic KSA Pool
Quynh N. Vu	Biological Sciences	Professor Ron D. Frostig	Naturalistic Experience Pre-conditioning: Implications for Ischemic Stroke Protection
Yen Vuong	Biological Sciences	Professor Daniela Bota	The Role of Mitochondrial Lon in Connecting Hypoxic Adaptation and Treatment Resistance in Malignant Gliomas
Ryan P. Wallace	Biological Sciences	Professor Gillian R. Hayes	Evaluating Innovative Technologies for Supporting the Needs of Children with Autism
Raymond Wan	Business Administration	Professor L. Robin Keller	Does Prospect Theory Provide Empirically Verifiable Evidence for Understanding How Students at UCI Resolve Decisions under Risk?
Steven Wang	Biological Sciences	Professor Nosratola Vaziri	Investigating the Mechanism(s) Responsible for B-Vitamin Induced Progression of Diabetic Nephropathy
Min-Xuan Wang	Neurobiology	Professor Timothy A. Allen, Professor Norbert J. Fortin	Electrophysiology of the Rat Hippocampal and Perirhinal Cortical Activity During a Sequential Odor Behavioral Task
Joshua Wang	Biological Sciences	Professor Young Jik Kwon	Delivery of Molecular Decoy Using Stimuli-responsive Polymeric Nanoparticles for Prostate Cancer Gene Therapy
Heather C. Wells	Music	Professor Darryl Taylor	The Study of Opera: An Italian Perspective
Evan J. Williams	Classical Civilization	Professor Peter A. Bowler	Growing and Extracting Biofuel from Algae
Vinthia W. Wirantana	Psychology, Psychology & Social Behavior	Professor Arnold Starr	Music Perception in Bilinguals who Grew Up in Different Environments
Andrew C. Wong	Economics, International Studies	Professor Gary Richardson	Banking Panic During the Great Depression
Kalina Wong	Biological Sciences	Professor Nathan D. Wong	Global Risk Evaluation and Risk Factor Control in U.S. Adults with Asymptomatic Peripheral Arterial Disease
Jaclyn S. Wong	Sociology	Professor Andrew Penner	Can Perceptions of Attractiveness Account for Racial Inequality?
Meiting Wu	Chemistry, Mechanical Engineering, Material Science Engineering	Professor Matthew D. Law	Synthesis of P-Type Nanocrystalline Photoelectrode for Tandem Dye-Sensitized Water-Splitting Devices
Kevin Wu	Chemistry	Professor Aimee Edinger	Down-Regulation of Nutrient Transporter Proteins by AAL-149 Treatment in Breast Cancer Cells
Celeste E. Wychopen	Music-Performance	Professor Darryl Taylor	Amalfi Coast Music Festival Summer 2010
Stephanie Yang	Chemistry	Professor Andrej Luptak	Protein-DNA Fusions
Kimberline R. Yang	Biochemistry & Molecular Biology	Professor Sheryl Tsai	Discovering and Developing New Tuberculosis Therapeutics: Crystallizing AccA3/ AccD4
Stephen Yang	Computer Science & Engineering	Professor Brian C. Demsky	Out Of Order Java
Andrea M. Yorita	Dance-Performance	Professor Molly Lynch	An Apprenticeship with the National Choreographers Initiative: A Study of the Changing Face of Contemporary Dance
Stephen A. Yu	Biological Sciences	Professor John H. Weiss	Effects of Intrathecal BMAA Infusion on Transgenic Rat Models of ALS

Clinton Yu	Biological Sciences, Chemistry	Professor Lan Huang	Unraveling Molecular Mechanisms Underlying Regulation of the 26S Proteasome Complex upon Oxidative Stress
Jeremy B. Zapanta	Dance	Professor Lisa M. Naugle	Reseach Project: Fundamentals of Improvisation and Choreography
Mohammad Hossein Zarghami	Materials Science Engineering	Professor Matthew D. Law	PbSe Quantum Dot Solids Prepared with Short Chain Acids and Diacids
Jorge O. Zavala	Urban Studies, Criminology	Professor Victoria M. Basolo	Community Gardens as an Innovative Approach to Healthy Living in Santa Ana

Number of Proposals Submitted = 256
Number of Fellowships Awarded = 196
Number of Honorary Fellowships = 32

Total Funds Requested = $722,312
Total Funds Awarded = $258,500

For more information, please contact:

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