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SURP Awards - 2001

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	Project Title
Camille Adler	Social Ecology	Professor Lisa Grant	Mapping Coastal Shorelines of Tectonically Uplifted Region of San Joaquin Hills; Newport Back Bay
Shagufta Ahmed	Economics/ Political Science	Professor Gary Richardson	Banking Panics During the Great Depression
Shaista Ahmed	Economics/ Political Science	Professor Gary Richardson	Indexing the Long-Lost Records of the Federal Reserve System Stored
Reshmi Basu	Biological Sciences	Professor Brian Wong	Determination of Temperature and Wavelength Dependent Optical Properties in Cartilage
Reema Basu	Biological Sciences	Professor Hartmut "Hudel" Luecke	Elucidating the Mechanism of Annexin 1-Induced Membrane Aggregation
David Bear	Biological Sciences	Professor Ranjan Gupta	Evaluation of VEGF Up-Regulation by Schwann Cells Subjected to Shear Stress
Andy Bourgeois	Biological Sciences	Professor Timothy Osborne	Effects of the CREB/ATF Family of Transcription Factors on the 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Promoter
Kathleen Cao	Chemistry	Professor Athan Shaka	Comparative Analysis of Decimated Signal Diagonalization (DSD) and Filter Diagonalization Method (FDM)
Yinhui Chae	Electrical Engineering/ Mechanical Engineering	Professor Andrei Shkel	Precise Feedback Control of MEMS Mirrors with Silicon Photodetector Sensor Interface
Amine Chahbouni	Biological Sciences	Professor Hans Keirstead	Transplant-Mediated Repair of Multiple Sclerosis-Like Lesions Using the MHV Mouse Model

Wilbur Channels	Electrical Engineering/ Information & Computer Science/ Mathematics	Professor Henry Lee	Temperature Control for a Tunable Fiber Bragg Grating
Chin-Ju Chen	Information & Computer Science	Professor Tatsuya Suda	Live Media Multicast
Michael Chen	Biological Sciences	Professor Alvin Glasky	AIT-082 and Neural Stem Cell Proliferation in the Sub-Ventricular Zone
Jonathon Cooke	Biological Sciences	Professor David Imagawa	Antiseuse Transforming Growth Factor- β (TGF- β) Immunotherapy as Treatment for Hepatocellular Carcinoma
David Cuccia	Physics	Professor Bruce Tromberg	Co-Registration of Near-Infrared Photon Migration And Magnetic Resonance Imaging For Quantitatively Monitoring Changes In Tumor Physiology During the Course of Anti- Mitotic Chemotherapy
Temre Davies	Psychology	Professor Donald Hoffman	Psychophysical Investigation of Face Processing
Linh Duong	Biological Sciences	Professor James Fallon	The Temporal Expression of Different Neuronal Immunocytochemical Markers During <i>in vivo</i> Neurogenesis
Raquel Fernandez	Biological Sciences	Professor Arthur Grant	Tactile Perception in People with Temporal Lobe Epilepsy
Alexandra Gangi	Biological Sciences	Professor Vincent Caiozzo	Is Muscle Overload Controlled by Calcineurin and NFAT?
Gigi Hoang	Criminology, Law & Society	Professor Henry Pontell	Intellectual Property Law: A Case Study on WAREZ Sites
May Huong	Sociology	Dr. Tonya Schuster	The Self-Rated Health and Wellness Survey, The Rand 36, and Network Care Over Time
Edward Hyatt	Sociology	Professor Judy Stepan- Norris	Area Co-ordinating Teams of Cape Town, South Africa
Peter Kim	Psychology	Professor Charles Wright	Assessing the Properties of the Dorsal Visual Stream: Comparing Sensitivity to Green With Luminance Sensitivity
Kristine Kolkman	Biological Sciences	Professor Thomas Carew	Characterization and Mapping of a Serotonergic System Involved in Memory Formation in Aplysia
Clint Lagbas	Biological Sciences/ Psychology & Social Behavior	Professor Sue Duckles	Effects of Estrogen on Cycoxygenase- 1 (Cox-1) Protein in Rat Cerebral Blood Vessels

Kathryn Le	Biological Sciences	Professor Lawrence Cahill	Psychophysiological Responses in Perception
Jessica Lee	Biological Sciences	Professor Vickie Lamorte	Sterol Regulated Gene Expression in Human Cervical Carcinoma
Candace Lehman	Film Studies	Professor Akira Lippit	Contemporary Media and Masculinity
Jason Lepore	Economics	Professor Duncan Black	Crime and Abandonment: An Empirical Perspective
Son-Hee Lyu	Psychology	Professor George Sperling	The Illusion of Standstill in a Moving Texture Stimulus
Odette Ma	Chemical Engineering/ Chemistry	Professor Douglas Tobias	Molecular Dynamics Simulations of the Trapping of Atmosphere Gases by Organic Films
Neda Mehr	Biological Sciences	Professor Vincent Caiozzo	Transcription Factors Affecting Rehabilitation of Muscle
Celida Miramontes	History/ English	Professor Alice Fahs	Social Impact of the Los Angeles County Repatriation Program on the Mexican Community
Trinidad Molina	Sociology	Professor Caeser Sereseres	Frustrating the Academic Dream of Undocumented Immigrant Latino Students: State and College Policies
Sarah Mutch	Chemistry	Professor Patrick Farmer	Synthesis of Oxochlorin Cofactors
Adrienne Ng	Environmental Analysis & Design	Professor Scott Bollens	Are Community Development Block Grant Funds Effectively Targeting Low and Moderate Income Populations in Los Angeles County?
Bich-Chau Nguyen	Biological Sciences/ Economics	Professor Alvin Glasky	Effects of AIT-082 on Gene Expression of Neurotrophic Factors
Tuan Nguyen	Biological Sciences/ Chemistry	Professor Murray Korc	TGF- β -Regulated Expression of Human Pancreatic Cells
Ha Nguyen	International Studies/ Music	Professor Caeser Sereseres	Fragmentation of Vietnamese-American Politics In Orange County
Gemi Nguyen	Biological Sciences	Professor James Fallon	The Efficacy of Administrations of TGF- α in Inducing Neuronal Recovery at Variable Intervals After Brain Injury
Karen O'Bosky	Biological Sciences	Professor David Fruman	The Role of p85 α in v-Abl Transformation of B Cells
Vahagn Ovasapyan	Biological Sciences	Professor Arnold Starr	Pre-Stimulus Potentials in a Self-Initiated Target Detection Task

Nidhi Pandhoh	Biological Sciences	Professor Brian Wong	Proliferation of Chondrocytes Following Laser Irradiation
Joseph Papac	Mechanical Engineering	Professor Derek Dunn-Rankin	Measuring Real-Time Air Pollutant Emissions of Oscillating Combustion
Basmina Parmakhtiar	Biological Sciences	Professor Ralph Purdy	The Effects of Simulated Microgravity on the Various Components of Arachidonic Acid Pathway
Nilesh Patel	Information & Computer Science	Professor Tatsuya Suda	Live Media Multicast
Jennifer Quirin	Anthropology/ Political Science	Professor Etel Solingen	Agrarian Reform and the Indigenous Population of Chiapas, Mexico
Jessica Rickert	History/ Neurobiology	Professor Ron Frostig	Experiential Tuning of Cortical Maps and Behavioral Discrimination
Sharon Santana	Psychology & Social Behavior	Dr. Jeanette Castellanos	American Indians: Ways of Life and Coping Mechanisms
Shawna Shaw	Political Science	Dr. Pamela Kelley	Faith Based Initiatives: A Closer Look
Alia Shbeeb	Biological Sciences	Professor Ralph Purdy	Effects of Simulated Microgravity on Vascular Contractility: Alteration of Cytosolic Calcium Levels
Parastou Shilian	Biological Sciences	Professor Arthur Grant	Auditory Perception in People with Temporal Lobe Epilepsy
Nisha Singh	Political Science	Professor Ceaser Sereseres	The Interaction of Nuclear Weapons and Jammu and Kashmir in Indo-Pak Relations
Donna Sir	Biological Sciences	Professor Laurance Mueller	<i>Drosophila</i> in Ammonia Stress Environment
Ryan Stafford	Biological Sciences/ Chemistry	Professor Gregory Weiss	Mutation Resistant Anti-Viral Small Molecules from Library vs. Library Screens
Adriana Torres	Psychology	Professor Virginia Mann	Home-Based Activities Building Language Acquisition (HABLA)
Yvonne Tu	Biological Sciences	Professor Edward Nelson	Developing an Anti-Tumor DNA Vaccine with TARC as the Biological Adjuvant
Christopher Van der Westhuizen	Information & Computer Science	Professor Adriaan Van der Hoek	ArchDiff: Algorithms for Architectural Differencing and Merging
Christine Vo	Biological Sciences	Professor Oswald Steward	The Construction of GFP Fusion Genes for Transgenically Labeled Glial Cells in Zebrafish
Sara Walker	Dance/ Environmental	Professor Lisa Naugle	Integrating Text and Movement

	Analysis & Design		
Toby Warden	History	Professor James Given	Female Prophets in Medieval Europe

Number of Proposals Submitted = 91
Number of Fellowships Awarded = 63
Number of Honorary Fellowships = 2

Total Funds Requested = \$267,000
Total Funds Awarded = \$157,500

For more information, please contact:

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