

## SURP Grant Recipients

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## SURP Awards - 2007

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
<a href="#">Aaron C. Abajian</a>	Computer Science & Engineering, Mathematics	<a href="#">Professor Alexander McPherson</a>	Negating an Electron Density Map to Characterize the RNA in Satellite Tobacco Mosaic Virus
<a href="#">Shushmita M. Ahmed</a>	Biochemistry & Molecular Biology	<a href="#">Professor Sheryl Tsai</a>	Discovering and Developing: Crystallization of Hec1 and the Promise for Future Drug Design
<a href="#">Rose V. Alapat</a>	Biological Sciences	<a href="#">Professor Larry D. Jamner,</a> <a href="#">Professor Judith Profant</a>	The Tryptophan Connection - A Study of the Correlation Between Diet and Hostility
<a href="#">Janetta L. Arellano</a>	Biological Sciences	<a href="#">Professor Devin K. Binder</a>	Role of AQP-4 on the Neuron Cell Death and Degeneration in the Formation of Epileptic Networks in the Brain
<a href="#">Audrey Au</a>	International Studies, Literary Journalism	<a href="#">Professor Louis DeSipio,</a> <a href="#">Professor Robert G. Gonzales</a>	Surviving America and Striving for Higher Education: The Long Road to Success for Undocumented Asian Young Adults
<a href="#">Kimberly S. Balazs</a>	Ecology & Evolutionary Biology	<a href="#">Professor Oladele A. Ogunseitan</a>	Caffeine as a Cause of Coral Bleaching: Effects of Caffeine on the Proteins of Coral Symbiont Zooxanthellae
<a href="#">Jaclyn R.. Barrera</a>	Biological Sciences	<a href="#">Professor Petra Wilder-Smith</a>	Early Detection of Temporomandibular Disorders Using Optical Coherence Tomography

<a href="#">Patricia M. Bauler</a>	Chemistry	<a href="#">Professor Craig Martens</a>	Using Molecular Dynamics to Study the Purification of Water in an Electric Field and Nanoscale Environment
<a href="#">Rachel M. Bell</a>	Dance, English	<a href="#">Professor Diane Diefenderfer</a>	The Pilates Technique: An Investigation of Aesthetic Influence & Anatomical Effects on the Body
<a href="#">Reno F. Bowen</a>	Psychology	<a href="#">Professor Charles E. Wright,</a> <a href="#">Professor Charles F. Chubb</a>	Peripheral Motion Based Stimuli: Specially Functioning Exogenous Cues?
<a href="#">Joel G. Breuklander</a>	English, Creative Writing Emphasis in Fiction	<a href="#">Professor Michelle Latiolais</a>	New Critical Approaches to the Contemporary Short Story
<a href="#">Elena M. Briber</a>	Dance	<a href="#">Professor John Crawford,</a> <a href="#">Professor Lisa Naugle</a>	Active Space - The Interaction of Dance and Technology
<a href="#">Jessica H. Bruystens</a>	Biological Sciences	<a href="#">Professor Hartmut Luecke</a>	Structure Determination and Analysis of Uridyltransferases by Means of X-Ray Crystallography for Trypanoside Development
<a href="#">Lauren M. Burgeno</a>	Chemistry, Biology	<a href="#">Professor Daniele Piomelli</a>	Determination of the Role of Anandamide Signaling in Anxiety Induced by Corticotrophin-Releasing Factor
<a href="#">Clarisse E. Cadang</a>	Biological Sciences	<a href="#">Professor Danielle A. Simmons</a>	Role of Inflammation and Iron in Huntington's Disease Pathogenesis
<a href="#">Cross Candice</a>	Dance	<a href="#">Professor Lisa Naugle,</a> <a href="#">Professor John Crawford</a>	From Land to Sea: An Exploration of Human Interaction with Mother Earth
<a href="#">Jamie L. Carter</a>	Comparative Literature, European Studies	<a href="#">Professor Jane O. Newman</a>	Calderón and Emblem Theory: Opening a Space for the Skeptical Poet in Seventeenth-Century Spain and Today
<a href="#">Wesley Chin</a>	Biological Sciences	<a href="#">Professor F. Lynn Carpenter</a>	Invertebrate Diversity in Costa Rica: Is There

			Greater Diversity Where There is More Plant Diversity?
<a href="#">Aysha R. Cohen</a>	Psychology & Social Behavior, Spanish and Educational Studies Minor	<a href="#">Professor Mark Warschauer</a>	The Role of Supportive Peer Relationships in Promising Afterschool Programs
<a href="#">Mark C. Combs</a>	Psychology	<a href="#">Professor Mireille Jacobson</a>	Internet Marketing and the Addiction Rehabilitation Industry
<a href="#">Amy I. Cooper</a>	English, Philosophy	<a href="#">Professor Linda F. Bauer</a>	Studying Doll Play to Discover Racial Identity Construction in Minority Children
<a href="#">Belinda M. Dao</a>	Biological Sciences	<a href="#">Professor Brian J. Wong</a>	Assessment of Keratinocyte Viability and Proliferation at the Basal Membrane after Cigarette Smoke Exposure in Organotypic Skin Models
<a href="#">Mona A. Dave</a>	Biological Sciences	<a href="#">Professor Frances Leslie</a>	The Role of Harmane and Norharmane in Tobacco Addiction
<a href="#">Alexander G. Davis</a>	Psychology	<a href="#">Professor Charlie Chubb</a> , <a href="#">Professor Charles E. Wright</a>	Applications of Equisalience Function Analysis
<a href="#">Cindy De La Cruz</a>	Psychology	<a href="#">Professor Sally S. Dickerson</a>	How Do Latinos Rate Themselves in Performance in a Social Evaluative Setting?
<a href="#">Denise Der</a>	Chemistry, Biology	<a href="#">Professor Gregory A. Weiss</a>	Site-Specific Single Molecule Attachment to a Covalently Functionalized Carbon Nanotube
<a href="#">Colin T. Devane</a>	English	<a href="#">Professor John H. Smith</a>	The Ethics of Interpretation: Foundations in Hermeneutic Theory
<a href="#">Bao T. Dinh</a>	Biomedical Engineering	<a href="#">Professor Steven C. George</a>	The Effect of TGFb2 on Collagen Synthesis by Lung Fibroblasts and Airway Smooth Muscle Cells Embedded in Collagen and Fibrin Gels Using Multiphoton Microscopy as a Non-

			Invasive Tool to Detect Second Harmonic Generation of Fibrillar Collagen
<a href="#">Amish P. Doshi</a>	Biological Sciences, Minoring in Management	<a href="#">Professor Jogeshwar Mukherjee</a>	Development of 18F-FBM for Detecting of $\beta$ -Amyloid Plaques and Neurofibrillary Tangles in Alzheimer's Disease
<a href="#">Alexander F. Edwards</a>	Computer Engineering	<a href="#">Professor Brian Demsky</a>	Bristlecone Language Development
<a href="#">Glenn T. Ellington</a>	Music	<a href="#">Professor Darryl G. Taylor</a>	Aspen Summer Vocal Program Experience
<a href="#">Satoru Emori</a>	Materials Science Engineering	<a href="#">Professor Regina Ragan</a>	Characterization of Platinum Nanoparticle Catalysts Using Kelvin Probe Force Microscopy
<a href="#">Barbara Escobar</a>	Chicano/Latino Studies, Psychology (Cognitive Sciences)	<a href="#">Professor Jeanett Castellanos</a>	Cultural Congruity and Perceptions of Culture in Latino/a College Students:
<a href="#">Daniel T. Eskander</a>	Biological Sciences	<a href="#">Professor Yi-hong Zhou</a>	The Role of PAX6 on Suppression of Angiogenesis in Glioma
<a href="#">Kathryn N. Farrar</a>	Art History	<a href="#">Professor Jane O. Newman</a>	French Artist, Italian Spirit: Deconstructing Nicolas Poussin's Role in Art Historical Methodology
<a href="#">Sean C. Fleming</a>	Sociology, Psychology and Social Behavior (Minor)	<a href="#">Professor Salvatore Maddi,</a> <a href="#">Professor Danielle S. Rudes</a>	Sexual Deviance and Psychosexual Development
<a href="#">Qian L. Gao</a>	Biological Sciences	<a href="#">Professor Steven L. Wechsler</a>	Study of the Mechanism by which Herpes Simplex Virus Latency Associated Transcript (LAT) Blocks Apoptosis
<a href="#">Juefeng Ge</a>	Economics, information and computer science	<a href="#">Professor Ramesh Jain</a>	Evolution of Virtual Social Networks
<a href="#">Joshua D. Gladieux</a>	Political Science	<a href="#">Professor Carole J. Uhlaner</a>	Unitary and Adversary Democracy in the Territory of Nunavut, Canada
<a href="#">Edward J. Gonzales</a>	International	<a href="#">Professor</a>	Analysis of Macro

	Studies, Environmental Analysis and Design	<a href="#">Caesar D. Sereseres</a>	Perspectives on U.S.- Mexico Relations and the Security, Prosperity, and Partnership Agreement
<a href="#">Alexander M. Grant</a>	Physics, Biomedical Physics concentration	<a href="#">Professor Anthony J. Durkin</a>	Characterization of a Fiber Based Probe for Quantitative Diffuse Optical Spectroscopy of Cutaneous Melanoma
<a href="#">Ashley A. Gray</a>	Chemistry	<a href="#">Professor Patrick J. Farmer</a>	Enzymatic Extraction of Keratin-Bound Melanin and Equilibrium Studies of the Natural Pigment
<a href="#">Clare E. Greene</a>	English, European Studies	<a href="#">Professor Jayne E. Lewis</a>	Eve's Recreation: Milton Remembered by Female Writers
<a href="#">Amber Greer</a>	Civil Engineering	<a href="#">Professor Ayman Mosallam</a>	Residual Strengths of Bridge Girders after Lateral Impact
<a href="#">Timothy J. Grigsby</a>	Psychology & Social Behavior	<a href="#">Professor Eric D. Knowles</a>	Computerized vs. Paper- and-Pencil Questionnaires: Evaluation of Test Setting, Social Desirability, and Mode of Administration
<a href="#">Amanda Y. Grummon</a>	Mathematics	<a href="#">Professor Natalia Komarova</a>	Mathematical Modeling of Language Learning from Inconsistent Input
<a href="#">Alex S. Hamil</a>	Biological Sciences, Cognitive Psychology	<a href="#">Professor Rainer K. Brachmann</a>	Identifying Novel DNA Binding Sites for p53 Cancer Mutants
<a href="#">Christopher M. Hardy</a>	Biological Sciences	<a href="#">Professor Michael Rose</a>	Comparing Average Longevity of Lines of Drosophila melanogaster with Known Genotypes at the hsp26 Locus
<a href="#">Christina V. Hoang</a>	Biological Sciences	<a href="#">Professor Devin K. Binder</a>	Glial Cell Changes Following the Onset of Spontaneous Seizures in Wild-Type vs. Aquaporin-4-Deficient Mice
<a href="#">Laura Anne Hogling</a>	Dance, Minor: Education	<a href="#">Professor Lisa Naugle</a>	Beyond the Choreography of American Ballet Theatre's Classical Repertoire

<a href="#">Toby A. Howard</a>	International Studies	<a href="#">Professor Caesar D. Sereseres.</a> <a href="#">Professor Paula J. Garb</a>	Black on Both Sides: The Perceptions of African-Americans and Nigerians on Each Other
<a href="#">Megan M. Ikeda</a>	Neurobiology	<a href="#">Professor John F. Guzowski</a>	The Functional Significance of Persistently Higher Levels of Immediate-Early Gene Arc Expression in the Watermaze Overtraining
<a href="#">Aditi Iyengar</a>	Biological Sciences	<a href="#">Professor J. Lawrence Marsh</a>	Development of New Drosophila Models of Polyglutamine Disorders to Characterize Common Pathomechanisms
<a href="#">Nicole Jardine</a>	Psychology	<a href="#">Professor Emily Grossman</a>	Subjective Judgments of Biological Motion Speed as Modulated by Stimulus Contrast
<a href="#">Nelson Jen</a>	Biomedical Engineering	<a href="#">Professor Xiaorong Wang.</a> <a href="#">Professor Lan Huang</a>	Investigation of the Biological Roles of ADRM1 Phosphorylation
<a href="#">Karanjodh S. Johal</a>	Biological Sciences	<a href="#">Professor Randall F. Holcombe</a>	Synergism of Erbitux and Resveratrol on EGFR and Wnt Signaling Pathways in Colorectal Cancer Cell Lines
<a href="#">Kameran R. Johnson</a>	Developmental & Cell Biology	<a href="#">Professor Bruce Blumberg</a>	The Role of SXR in Breast Cancer Stem Cells
<a href="#">Cheryl C. Johnson</a>	Physics	<a href="#">Professor Roger D. McWilliams</a>	Two-Dimensional Ion Velocity Distributions in the Sheath and Pre-Sheath of Two-Species Argon-Xenon Plasma
<a href="#">Oliver F. Kamari-Bidkorpheh</a>	Chemistry, Biological Sciences	<a href="#">Professor Sheryl Tsai</a>	Analysis of Ketoreductase and Polyketides Produced by a Ketoreductase Mutant Engineered in an In Vivo Host, Streptomyces Coelicolor CH999
<a href="#">Jacob S. Kanady</a>	Chemistry	<a href="#">Professor Chris Vanderwal</a>	Polychlorinated Natural Products—Biological Interest, Stereochemistry, and

			Synthesis
<a href="#">Albert L. Kang</a>	Psychology	<a href="#">Professor Ramesh Srinivasan</a>	Does Videogame Playing Modify Cortical Networks Involved in Visuospatial Attention?
<a href="#">Samantha Kao</a>	International Studies	<a href="#">Professor Michael L. Burton</a>	A Study on Sustainable Fisheries and the Environmental Constraints of the Turks & Caicos Islands
<a href="#">Amit B. Karmur</a>	Biological Sciences	<a href="#">Professor Arthur Weis</a>	The Effects of Severe Drought and Late-Season Rain on Flowering Time in Brassica rapa
<a href="#">Samuel J. Kaufman</a>	Informatics	<a href="#">Professor David G. Kay</a>	Animex: Visualization of Object-Oriented Program Execution
<a href="#">Katherine A. Keith</a>	International Studies	<a href="#">Professor Lina Kreidie</a>	Citizen Diplomacy in US/Iranian Relations
<a href="#">Ramni Khattar</a>	Biological Sciences	<a href="#">Professor Jagat Narula</a>	HAPPY: Heart Attack Prevention is a Possibility
<a href="#">Juliet P. Kim</a>	Biological Sciences	<a href="#">Professor Alan G. Barbour</a>	Differential Temperature Sensitivity on Survival of Borrelia burgdorferi and Borrelia hermsii
<a href="#">Danielle Y. Kirkwood</a>	African-American Studies	<a href="#">Professor Frank B. Wilderson</a>	Afro-Pessimism and Black Masculinity in Film: Representations of Black Men in Cinema from 1967-2005
<a href="#">Nicolas D. Klute</a>	Psychology & Social Behavior	<a href="#">Professor Larry D. Jamner</a>	Alternative Explanations to Occurrence of Preclinical Markers for CVD in ADHD Patients Taking Stimulant Medication
<a href="#">Chuuk Wing B. Ko</a>	Biological Sciences	<a href="#">Professor Paolo Sassone-Corsi</a>	Identifying the Action of Dopamine on the HAT Activity CLOCK
<a href="#">Sharon J. Kung</a>	Dance, Economics	<a href="#">Professor Molly Lynch</a>	American Dance Festival: The Artistic Voice
<a href="#">Eric P. Kuo</a>	Biomedical Engineering	<a href="#">Professor Edwin S. Monuki,</a> <a href="#">Professor Noo Li Jeon</a>	Characterization of Cortical Precursor Cells' Response to Microfluidic BMP4 Gradient



<a href="#">David Lai</a>	Biomedical Engineering	Professor <a href="#">Andrew Putnam</a>	The Effects of 3-D Extracellular Matrix Stiffness on Osteoblast Cell Migration and Invasion
<a href="#">Jason K. Lam</a>	Biological Sciences, International Studies	Professor <a href="#">Arthur Weis</a>	The Effects of Assortative Mating by Flowering Time on Other Phenological and Morphological Traits
<a href="#">Trevor T. Law</a>	Biomedical Engineering	Professor <a href="#">Zoran Nenadic</a>	Brain-Machine Interface Algorithm Development
<a href="#">Maxim M. Lazarov</a>	Computer Science	Professor <a href="#">Aditi Majumder</a>	Immediately Adaptive Dynamic Range Camera
<a href="#">Ronny Le</a>	Biological Sciences	Professor <a href="#">Arthur Weis</a>	The Effects of Severe Drought and Late-Season Rain on Flowering Time in Brassica rapa
<a href="#">Brian Leon</a>	Chemistry	Professor <a href="#">Larry E. Overman</a>	Progress Towards the Synthesis of Sieboldine A
<a href="#">Veronica A. Lewis</a>	Biological Sciences	Professor <a href="#">Mahtab Jafari</a>	The Effect of Anti-Aging Botanical, Rhodiola rosea, on the Physical Characteristics of Drosophila melanogaster Progenies
<a href="#">Denise Y. Li</a>	Comparative Literature, Humanities & Arts	Professor <a href="#">Stephen Barker</a>	Spatiotemporal Manipulation in Experimental Writing and Performance
<a href="#">Kevin Li</a>	History	Professor <a href="#">Rajagopalan Radhakrishnan</a>	Keep Moving: Toward a Relational Analysis of Mobility and Immobility in the Airport Terminal
<a href="#">Joseph J. Lim</a>	Computer Science	Professor <a href="#">Max Welling</a>	Mobile Sensor Localization
<a href="#">Aaron J. Lin</a>	Biological Sciences	Professor <a href="#">James S. Nowick</a>	Folding Studies on 54-Membered Ring Macrocyclic Peptides
<a href="#">Pui Yu Ling</a>	Earth & Environmental Sciences	Professor <a href="#">James T. Randerson</a>	Analysis of the Seasonal Cycle of Atmospheric Carbon Dioxide in the Arctic (50°N) from 1971 to 2005 and Implications for Terrestrial Ecosystems
<a href="#">Leslie S. Liu</a>	Informatics	Professor <a href="#">Joerg Meyer</a>	Distributed and Fractal



			Pixel Sensors
<a href="#">Veronica Lopez</a>	Sociology, Criminology	<a href="#">Professor Jeanett Castellanos</a>	Latina/o Students and Academic Families
<a href="#">Lynly M. Lumibao</a>	Criminology, Law & Society, Political Science	<a href="#">Professor Scott A. Bollens</a>	Implications of Urban Policies in the Netherlands: Integration or Conflict?
<a href="#">Trinh Luu</a>	Comparative Literature, Asian American Studies	<a href="#">Professor Rajagopalan Radhakrishnan</a>	The Economy of Mobility in Airport Terminals
<a href="#">Annie A. MacDougall</a>	Dance	<a href="#">Professor Lisa Naugle</a>	A Study in Dance Improvisation
<a href="#">Ana E. Macias</a>	Dance	<a href="#">Professor Loretta Livingston</a>	Paul Taylor Summer Dance Intensive
<a href="#">Nick M. Masellis</a>	International Studies	<a href="#">Professor Caesar D. Sereseres</a>	The Impact of Counterinsurgency Doctrine on Military Readiness and Effectiveness: U.S. Forces vs. Unconventional Warfare
<a href="#">Krystal A. Matsuyama</a>	Dance, Minor: Digital Arts	<a href="#">Professor Jodie Gates</a>	San Francisco Conservatory of Dance & Jiri Kylian
<a href="#">Kimia Menhaji</a>	Genetics	<a href="#">Professor J. Lawrence Marsh</a>	Suitable Site for Targeted Insertions in Transgenic HD <i>Drosophila</i>
<a href="#">Julie Ann M. Minaai</a>	Dance	<a href="#">Professor Lisa Naugle</a>	Studying Diverse Dance Techniques in Relation to Creating Movement Form, Function and Aesthetic Shaping of Personal Expression
<a href="#">Siddharth Mohan</a>	Biological Sciences	<a href="#">Professor Yi-Hong Zhou</a>	Novel Tumor Suppressor Gene on Chromosome 10 Linked to Pax6 Expression in Glioblastomas
<a href="#">Charne E. Moore</a>	Biological Sciences	<a href="#">Professor Harald Biessmann</a>	Knocking Down Gene Expression of Odorant Binding Proteins and Odorant Receptors in <i>Anopheles gambiae</i> by RNAi
<a href="#">Laura E. Muscianese</a>	Dance, Biology	<a href="#">Professor Lisa Naugle</a>	A Contemporary Feud: Should the Royal Danish

			Ballet Update the Original Choreography of Augustus Bournonville?
<a href="#">Jessica M. Newman</a>	Women's Studies, English	<a href="#">Professor Kavita Philip</a> , <a href="#">Professor Robert G. Moeller</a>	The Inheritance of Apartheid: Rape in Post-Apartheid South Africa
<a href="#">Jackson Nguyen</a>	Biological Sciences	<a href="#">Professor Yi-Hong Zhou</a>	In Situ Detection of PAX6 and EFEMP-1 in Glioblastoma multiforme
<a href="#">Nhu P. Nguyen</a>	Biological Sciences	<a href="#">Professor Stephen G. Weller</a> , <a href="#">Professor Ann K. Sakai</a>	The Significance of Inbreeding Depression in the Evolution of Distyly in <i>Oxalis alpina</i>
<a href="#">Guita Nouranian</a>	Psychology & Social Behavior	<a href="#">Professor William Thompson</a>	Expert Witnesses: Hired Guns or Impartial Informers? Jurors' Perceptions of Experts in the Courtroom
<a href="#">Pamela A. Ny</a>	Biological Sciences	<a href="#">Professor Mahtab Jafari</a>	Screening <i>Rhodiola Rosea</i> in <i>Drosophila Melanogaster</i> Using DNA Microarrays
<a href="#">Jenna N. Otter</a>	Dance, Biology	<a href="#">Professor Molly Lynch</a>	The San Francisco Conservatory of Dance: An Exploration of Contemporary Ballet Choreography and Technique
<a href="#">Rachel B. Pace</a>	Dance	<a href="#">Professor John Crawford</a>	Active Space Studio: Order vs. Chaos
<a href="#">Rebecca A. Paquette</a>	Biological Sciences	<a href="#">Professor Michael D. Cahalan</a>	The Temperature Dependence and Energetics of Lymphocyte Motility
<a href="#">Kevin M. Pease</a>	Psychology & Social Behavior	<a href="#">Professor Keith Fowler</a>	Addressing Pertinent Social Issues through the Medium of Playwriting
<a href="#">Kevin Pham</a>	Biological Sciences	<a href="#">Professor Paolo Sassone-Corsi</a>	<i>Drosophila</i> Circadian Regulator dCLOCK is a Histone Acetyltransferase?
<a href="#">Angelo L. Pioli</a>	Informatics	<a href="#">Professor Andre Hoek</a>	Mobile Audio Knowledge Sharing
<a href="#">Dorothy F. Pirtle</a>	Social Science	<a href="#">Professor Frank B.</a>	Roses that Grow from Concrete

		<a href="#">Wilderson</a>	
<a href="#">Shahrzad T. Radbod</a>	Political Science	<a href="#">Professor Mark P. Petracca</a>	Comparison of Assimilation and Political Participation Rates of Jewish Political and Economic Refugees
<a href="#">Ardeshir S. Rahman</a>	Biological Sciences	<a href="#">Professor Jorge Busciglio</a>	Investigation of Neuronal Abnormalities Due to Dosage Alterations of Intersectin (ITSN) as a Result of Trisomy on Chromosome 21 in Down's Neurons
<a href="#">Sheilamae Reyes</a>	Sociology, Anthropology	<a href="#">Professor David Meyer</a>	The Illegal Immigration Debate in Mainstream Media
<a href="#">Eric T. Richard</a>	Chemical Engineering	<a href="#">Professor Zhibin Guan</a>	A Self-Assembly Mediator for Divalent Gold Nanoparticles
<a href="#">Carla Rodriguez-Gonzalez</a>	Sociology, Psychology and Social Behavior	<a href="#">Professor Caesar D. Sereseres</a>	Border Security Strategies, Immigration Trends, and U.S-Mexico Relations
<a href="#">Ashley L. Russell</a>	Applied Ecology	<a href="#">Professor F. Lynn Carpenter</a>	Potential for Bioremediation of Costa Rican Soil
<a href="#">Sobia Saleem</a>	English, Global Cultures	<a href="#">Professor Beheroze Shroff</a>	Weaving through Film and Literature: An Examination of Lahiri's The Namesake and Nair's Cinematic Adaptation, in Reference to Gogol's The Overcoat
<a href="#">Kaivan M. Salehpour</a>	Biological Sciences	<a href="#">Professor Devin K. Binder</a>	Epileptic Seizures Regulate the Expression of AQP4 in the Brain
<a href="#">Luis A. Sarmiento</a>	Sociology	<a href="#">Professor Victoria Beard</a>	Oaxaca and Southern California: Transnational Strategies of Community-Based Development and Poverty Alleviation
<a href="#">Rachel K. Schreyer</a>	Biological Sciences	<a href="#">Professor Edwin S. Monuki</a>	Measuring the Activity of BMP in the Developing Mouse Cortex
<a href="#">Marcus M. Seldin</a>	Biological Sciences	<a href="#">Professor Devin K. Binder</a>	Expression of Aquaporin4 mRNA in Epileptic Mice
<a href="#">Ashley M. Shapiro</a>	Women's Studies	<a href="#">Professor Jennifer Terry</a>	Basic Training: Gender Performativity within the

			United States Military
<a href="#">Amir Shbeeb</a>	Biological Sciences	<a href="#">Professor Aileen Anderson</a> , <a href="#">Professor Brian Cummings</a>	Complement Affects Neurite Growth on Myelin Substrate
<a href="#">Amanda M. Shin</a>	Environmental Analysis & Design	<a href="#">Professor Oladele A. Ogunseitan</a>	Mercury Detoxification by Aquatic Bacteria: A Biotic Solution for Environmental Mercury Pollution
<a href="#">Negin Singh</a>	Drama	<a href="#">Professor Donald Hill</a>	Much Ado About Nothing - A Night in the Park
<a href="#">Kulwinder Singh</a>	Psychology & Social Behavior	<a href="#">Professor Larry D. Jamner</a>	Does Anger and Anxiety Contribute to Adolescent Smoking in the Home Environment?
<a href="#">Amanda N. Siu</a>	Biological Sciences	<a href="#">Professor Stephen G. Weller</a> , <a href="#">Professor Ann K. Sakai</a>	Changes in Fruit Allocation after Artificial Selection in <i>Schiedea salicaria</i>
<a href="#">Jeffrey R. Smith</a>	Political Science, International Studies	<a href="#">Professor Cesar D. Sereseres</a>	Hugo Chavez: Didactic Analysis of Perceived Antagonist
<a href="#">Kulginder S. Sran</a>	Biological Sciences	<a href="#">Professor Petra Wilder-Smith</a>	A Non-Invasive Optical Approach to In Vivo Periodontitis Under Diabetes Mellitus
<a href="#">Roy B. Taggug</a>	Psychology & Social Behavior, Criminology, Law, and Society	<a href="#">Professor Roxane C. Silver</a>	Media Portrayal of Social Disasters: Analysis of the Local and National Media Coverage Surrounding the Massacre at Blacksburg, Virginia
<a href="#">Roy A. Tiburcio</a>	Information & Computer Science	<a href="#">Professor Susan E. Sim</a>	Filtering and Visualization of User Story Cards in Software Development
<a href="#">Michael Todhunter</a>	Biochemistry & Molecular Biology	<a href="#">Professor Gregory A. Weiss</a>	Expression and Purification of Vif for Use in Novel HIV Treatments
<a href="#">Sandy T. Tran</a>	Chemical Engineering, Material Science Engineering	<a href="#">Professor James C. Earthman</a>	Incorporation of Plant-Based Chemicals into Silicone Coatings
<a href="#">Connie N. Tran</a>	Anthropology,	<a href="#">Professor Mark</a>	Creating a Positive

	Educational Studies	<a href="#">Warschauer</a>	Learning Space for Girls and Technology
<a href="#">My Hanh D. Tran</a>	Biological Sciences	<a href="#">Professor Ann K. Sakai</a> , <a href="#">Professor Stephen G. Weller</a>	Male and Female Floral Allocation after Artificial Selection in <i>Schiedea salicaria</i> , a Gynodioecious Species
<a href="#">Andrew K. Treister</a>	Biological Sciences	<a href="#">Professor Devin K. Binder</a>	The Differences of Wild-Type vs. AQP4-Knockout Mice in Response to Pilocarpine
<a href="#">Tiffany J. Tu</a>	Biological Sciences	<a href="#">Professor Sheryl Tsai</a>	3-Dimensional Structure of the LovB Megasyntase
<a href="#">Ana S. Urzua</a>	Anthropology	<a href="#">Professor Michael Montoya</a>	Urban "Revitalization": Assessing the Effects of and Responses to Gentrification
<a href="#">Huy N. Vo</a>	Computer Engineering, Electrical Engineering	<a href="#">Professor Henry P. Lee</a>	Polarization Representation and Conversion
<a href="#">Roger D. Vu</a>	Biological Sciences	<a href="#">Professor Edwin S. Monuki</a>	Border Refinement in the Dorsal Midline-Cerebral Cortex by <i>Msx1</i> and <i>Lhx2</i>
<a href="#">Kunalkumar K. Vyas</a>	Biological Sciences	<a href="#">Professor Jogeshwar Mukherjee</a>	Development of an Imaging Agent for D3 Dopamine Receptor Systems
<a href="#">Kaivalya J. Vyas</a>	Biological Sciences, Psychology	<a href="#">Professor John H. Weiss</a>	Investigating BMAA-Induced Motor Neuron Degeneration in Organotypic Spinal Cord Cultures: Possible Evidence for a Feedforward Model of ALS Pathogenesis
<a href="#">Tracy J. Wu</a>	Global Cultures, Spanish	<a href="#">Professor Carol M. Burke</a>	Human Trafficking in Guatemala: Cultural Contexts and the Role of Journalism
<a href="#">Steven W. Wu</a>	Biomedical Engineering	<a href="#">Professor Lan Huang</a>	Characterization of Newly Synthesized Crosslinkers for the Study of Protein-Protein Interaction Using Mass Spectrometry
<a href="#">Joanne S. Wyrembak</a>	Neurobiology	<a href="#">Professor Doug C. Wallace</a>	Mitochondrial Energetics in Triple Transgenic

			Alzheimer Model Mice
<a href="#">Owen Yang</a>	Biomedical Engineering	Professor <a href="#">Bernard Choi</a>	Use of Graphics Processing Unit (GPU) in the Analysis of Arterial Blood Flow from Laser Speckle Imaging
<a href="#">Sherine M. Yassa</a>	Biological Sciences	Professor <a href="#">Christine Suetterlin</a>	The Role of Gas11 on Golgi Apparatus Morphology, Dynamics and Function
<a href="#">James J. Yeh</a>	Biological Sciences	Professor <a href="#">Devin K. Binder</a>	Changes in Water Content of Brain Regions: A Predictor of Epileptic Seizure Onset
<a href="#">Philip K. Yuen</a>	Chemistry	Professor <a href="#">Patrick Farmer</a>	Intelligent Design of Synthetic Resveratrol Derivatives for Cancer Prevention and Treatment
<a href="#">Christina N. Zdenek</a>	Ecology & Evolutionary Biology	Professor <a href="#">Kathleen Treseder</a>	Mycorrhizal Fungi Abundance in Pristine Chaparral Versus Degraded Sites: Implications for Restoration Projects in Southern California
<a href="#">Paul M. Zelaya</a>	Aerospace Engineering, Mechanical Engr.	Professor <a href="#">Richard Nelson</a> , Professor <a href="#">John LaRue</a>	Design and Fabrication of Test Bench for Biopotential IC
<a href="#">Jan-Mitchell A. Zerrudo</a>	Political Science	Professor <a href="#">Sherilyn K. Sellgren</a>	The Seldom Known Stories of Supreme Court Justices

Number of Proposals Submitted = 178

Number of Fellowships Awarded = 138

Number of Honorary Fellowships = 22

Total Funds Requested = \$505,439.50

Total Funds Awarded = \$243,400

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For more information, please contact:

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