

Undergraduate Research Award Grantees - Spring 2012

College of Applied Sciences and Arts	Student	Faculty Mentor	Project Title
	Gomez, Abry Nguyen, Sophia Sanchez, Dannah Wertz-DeVera, Elizabeth	Roe, Kathleen Bandyopadhyay, Ranjan Stover, Diana Butryn, Ted	Las Flores de Salud-Afterschool girls health club for immigrants Rural Community-Based Tourism in California The Egyptian Revolution: Coverage by Al-Jazeera & CNN Dancing with (dis)empowerment: An existential phenomenological study of pole aerobics participants
College of Business	Student	Faculty Mentor	Project Title
	Nicholl, Monica Rezai, Jasmine	Virick, Meg Johnson, Camille	Solar Industry: A workforce analysis Effects of Personal Uncertainty on Competitive Behavior in Different Market Structures
College of Education	Student	Faculty Mentor	Project Title
	Gaitan, Rosalva	Burciaga, Maria Rebeca	Researching Latina Students' Pathways to Success, Project I
College of Engineering	Student	Faculty Mentor	Project Title
	Brown, Tyler Draper, Sean Flores, Steven Glover, Allan Hartono, Michelle Tumbaga, Charles	Sullivan-Green, Laura Rhee, Jinny Gleixner, Stacy Rhee, Jinny Lee, Sang-Joon (John) Morelos-Zaragoza, Robert	Variation in Carbonation Rates of High Volume Fly Ash Concrete Design of a Force Balance for Measuring Wind Loads on Solar Heliostats Metal Induced Crystallization of Silicon for Low Cost Solar Cells Design of Wind Tunnel Fittings for Wind Energy Experiments Ink Mobility Across a Porous Matrix for e-Paper Displays Radio Frequency Identification Experiment & Design
College of Humanities and the Arts	Student	Faculty Mentor	Project Title
	Avina, Daniela Bradfield, Hillary Cuneo, Desiree Griffith, Taylor Rode, Sara Rodriguez, Jermaine Sikoryak, Jessica	Speer, Leslie Chai, David San Fratello, Virginia Fleck, Andrew Coelho, Raquel Brada-Williams, Angela Noelle San Fratello, Virginia	Interaction Diner Project Edith & the Bear (Animated Film) 3D Printing Sustainable Building Components for Facades & as Window Investigating Introduction of Digital Humanities in a Traditional Literature Nicholas Immigration law in Asian-American & Latino Literature 3D Printing for the Design & Fabrication of Mass Customized Metal Interior Building Components

College of Science	Student	Faculty Mentor	Project Title
	Akos, Meggyes	Cordero, Eugene	Green Ninja Communication
	Babakhanyan, Greta	Beyersdorf, Peter	Design & construction of an electro-optic modulator
	Bagley, Richard	Clements, Craig	The Role of Nocturnal Atmospheric Drying Events on Bay Area Fire Weather
	Bortolazzo, Anthony	Khuri, Sami	Predicting Cryptic Splice Sites in Human Genes
	Deol, Kirandeep	Muller, Gilles	Speciation, Photophysical, & Chiral-Optical Properties of Eu(III)-Tetracycline Species
	Ha, Danny	White, Brandon	Characterization of Carbonylcyanide-3-chlorophenylhydrazone induction of cell death
	Haile, Samuel	Komives, Claire	Biofuels: Ethanol production from catalytic yeast
	Loy, Daniel	Beyersdorf, Peter	Develop & Test various computational routines for interferometer analysis
	Martin, Kyle	Mackie, Joshua	Identification of DNA microsatellites useful for future burrowing shrimp research
	Platner, Nick	Lambrecht, Susan	Selection on flower size in <i>Leptosiphon androsaceus</i> (Polemoniaceae)
	Strommen, Janis	Honda, Jeff	A Biological Description of an Uncharacterized Plant Bug: <i>Melanotrichus boydi</i>
	Tran, Ngoc-Han	Cheruzel, Lionel	Characterization of Light-Activated Hybrid P450 BM3 Enzymes as
	Vandaei, Eamon	Ouverney, Cleber	Metagenomic Analyses of Uncultivated Bacteria Using a Large Insert Fosmid Library
College of Social Sciences	Student	Faculty Mentor	Project Title
	Carrasco, Jessica	Pizarro, Marcos	Researching Latina Students' Pathways to Success, Project II
	Diez, Matthew	Edwards, Frances	California's Seismic Safety Commission: a Paradigm for Disaster Mitigation Collaboration
	Shefa, Yalda	Rogers, Altovise	Effects of Work Motivation on Job Stress through An Experience Sampling Method
	Tapia, Susana	Luna, Jennie	Danza Mexica Book Project
	Trevor, Sollitt	Feria, Cary	The Relationship Between Multiple Object Tracking Performance & Automobile Driving Ability in Elderly Drivers
	Zweier, Matt	Spano, Shawn	Difficult Discussions Project