

**Undergraduate Research Grants
2014-2015**

| Student Name | Faculty Name | Department | College | Project Title |
|------------------------|----------------------|--|-----------------|---|
| Alcala-Cabrera, Sophia | Barrera, Magdalena | Mexican-American Studies | Social Sciences | Representations of Mexicans in California's Americanization Manuals |
| Alvarez, Jose | Erogbogbo, Folarin | Biomedical, Chemical | Engineering | Coal as an abundant source of graphene QDs for biomedical Imaging |
| Chavez, Marisa | Pizarro, Marcos | Mexican-American Studies | Social Sciences | Working for Social Justice in Disenfranchised Communities |
| Durand, Denise | Zhang, Jing | Marketing and Decision Sciences | Business | Effects of Nutrition Information on Consumers' Food Choices |
| Elor, Ronny | Hawkins, Benjamin | Biomedical, Chemical and Materials Engineering | Engineering | Design of Biofeedback Orthotic for Corrective Treatment of Gait & Posture |
| Garcia, Jocelin | Pizarro, Marcos | Mexican-American Studies | Social Sciences | Working for Social Justice in Disenfranchised Communities |
| Henriquez, Edgar | Abramson, Tzvia | Biological Sciences | Science | Generation of Respiratory Specific Endothelial Cells |
| Hsu, Bo-Hsen | Hawkins, Benjamin | Biomedical, Chemical and Materials Engineering | Engineering | Design of Biofeedback Orthotic for Corrective Treatment of Gait & Posture |
| Johnson, Coreen | Romanowsky, Aaron | Physics & Astronomy | Science | Photometric transitions in the outer regions of early-type galaxies |
| Kallioinen, Nicholas | Tseng, Chris | Computer Science | Science | Motion learning & profiling with AI |
| Kwon, Anthony | Wilkinson, Katherine | Biological Sciences | Science | The Effects of Obesity on Muscle Contractile Function & Fatigability |
| Lee, Becky | Ouverney, Cleber | Biological Sciences | Science | Characterization of a novel gene in an uncultured bacterium |
| Lim, Alina | Erogbogbo, Folarin | Biomedical, Chemical | Engineering | Protecting the Heart with Targeted Nanoparticles |
| Llontop, Pedro | Abramson, Tzvia | Biological Sciences | Science | Mesenchymal Stem Cells as a vaccination platform for B. pertussis |
| Lorelli, Stephanie | Paul, Cassandra | Physics & Astronomy | Science | Instructor observation/reflection pairs constructed through SPOT |

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|---------------------|----------------------|------------------------------------|-----------------|--|
| Lu, Becky | Muller, Gilles | Chemistry | Science | Enantiomeric Recognition of Amino Acids |
| Ma, Celeste | Paul, Cassandra | Physics & Astronomy | Science | Analysis of instructor perception of Student Participation Observation |
| Moore, Zach | Oye, Michael | Biomedical, Chemical | Engineering | Growth of Zinc Oxide Nanowires |
| Nguyen, Thuy | Virick, Meghna | School of Management | Business | Construct validation study of workaholism |
| Novak, Kayla | Cordero, Eugene | Meteorology | Science | Communicating Climate Change to Young Audiences |
| Padilla, Amanda | Hawkins, Benjamin | Biomedical, Chemical | Engineering | Design of Biofeedback Orthotic for Corrective Treatment of Gait & |
| Sandoval, Michael | Romanowsky, Aaron | Physics & Astronomy | Science | Exotic stellar systems in the nearby universe |
| Sandoval, Rebecca | Johnson, Camille | Psychology | Social Sciences | How does prior smoking experience & current attitudes towards nicotine |
| Shorte, Ashley | Rogers, Altovise | Psychology | Social Sciences | Employees' Perception of Leadership Styles Based on Ethnicity |
| Silva, Adalberto | Pizarro, Marcos | Mexican-American Studies | Social Sciences | Working for Social Justice in Disenfranchised Communities |
| Smith, Zairac | Paul, Cassandra | Physics & Astronomy | Science | Development of classroom interaction data visualization & analysis software |
| Soder, Kyle | Erogbogbo, Folarin | Biomedical, Chemical and Materials | Engineering | Fluorescence Imaging of Single Nanoparticles using Google Glass |
| Tran, Aurokae | Hawkins, Benjamin | Biomedical, Chemical and Materials | Engineering | Design of Biofeedback Orthotic for Corrective Treatment of Gait & Posture |
| Truong, Ada | Mulvaney, Dustin | Environmental Studies | Social Sciences | Oil & gas well depth, productivity & water use |
| Wirth, Krista | Cargill, Shelley | Biological Sciences | Science | Effects of Lipopolysaccharide Induced Inflammation on Gonadal Integrity in Mice |
| Zaytseva, Darya | Wilkinson, Katherine | Biological Sciences | Science | Effects of fatigue on group III & IV afferent behavior in inflamed skeletal muscle |
| Zegers, William | Park, Younghee | Computer Engineering | Engineering | Efficient & Scalable Encryption technology for Terabytes of storage |