Student Research Symposium Awardees 2016
Congratulations to all!

1st Place Overall Oral Presentation at the Annual Student Symposium on Research, Scholarship & Creative Activity
PKP Travel Award:

Amaia Perta
M.S. Forensic Psychology
*Can Introducing Bias Against a Defendant Change Jurors’ Memory for Evidence?*
Faculty Mentor: Dr. Eisen

Cal State University, Los Angeles State Delegates for the 30th CSU Student Research Competition

**Arts, Humanities and Education**
Bradford Yamamoto Jr
B.A. Political Science
*Understanding Music Education Through the Lens of a Generalist: A Case Study of Teachers Beliefs*
Faculty Mentor: Dr. Anguiano

**Behavioral and Social Sciences**
Amaia Perta
M.S. Forensic Psychology
*Can Introducing Bias Against a Defendant Change Jurors’ Memory for Evidence?*
Faculty Mentor: Dr. Eisen

Christian Torres
B.A Latin American Studies & Pan-African Studies
*Todos Somos [We Are All] Ayotzinapa: Global Solidarity for the Missing 43*
Faculty Mentor: Dr. Verba

**Biological Sciences**
Kevin Murphy Parducho
B.S. Microbiology
*Human amniotic epithelial cells improve enzymatic activity and behavioral phenotype in mice with Ornithine Transcarbamylase Deficiency*
Faculty Mentor: Dr. Eivers

Don Clarke
M.S Biology
*Development of a Stem cell/gene therapy approach to treat Sanfilippo syndrome type B*
Faculty Mentor: Drs. Iacovino and Porter
Business, Economics, Public Administration and Health Care
Brittany Brinkman
M.S. Healthcare Management
The Challenge with Change
Faculty Mentor: Dr. McGuire

Chemistry and Biochemistry
Ariana Gonzalez
Co-authors: Lissette Estala and Michelle Gaines
B.S. Biochemistry
Mixed Thread/Paper Based Microfluidic Chip as a Platform for Glucose Assays
Faculty Mentor: Dr. Gomez

Engineering and Computer Science
Kin Li
M.S. Mechanical Engineering
Cooling System Optimization for a Terahertz Radiation Detector via Parametric Analysis of the Fluid-Solid Interaction Problem
Faculty mentor: Dr. Pacheco-Vega

Khashayar Olia
M.S. Electrical Engineering
Control Strategy Development for Emission Reduction in a Hybrid Electric Vehicle
Faculty Mentor: Dr. Blekhman

Physical and Mathematical Sciences
Arianna Brown and Jonathan Barnes
M.S. Physics
Determining the Youngest Protostars in NGC2264
Faculty Mentor: Dr. Terebey
The following students received an outstanding presentation award at the 24th Annual Student Symposium on Research, Scholarship and Creative Activities

ORAL PRESENTATIONS

Arts, Humanities and Education
Bradford Yamamoto Jr
B.A. Political Science
*Understanding Music Education Through the Lens of a Generalist: A Case Study of Teachers Beliefs*
Faculty Mentor: Dr. Anguiano

Stephanie Amaya and Maisha Lassiter
M.A. Psychology
*High-impact educational practices: Paving the road to success in college.*
Faculty Mentor: Dr. Fernando

Behavioral and Social Sciences I
Amaia Perta
M.S. Forensic Psychology
*Can Introducing Bias Against a Defendant Change Jurors’ Memory for Evidence?*
Faculty Mentor: Dr. Eisen

Behavioral and Social Sciences II
Christian Torres
B.A Latin American Studies & Pan-African Studies
*Todos Somos [We Are All] Ayotzinapa: Global Solidarity for the Missing 43*
Faculty Mentor: Dr. Verba

Richard Nicolas
M.A. Anthropology; Option: Archaeology
*Stones in Constructed Landscapes: Deciphering Lithic Artifacts from La Milpa Sinkhole (RB-25-A5)*
Faculty Mentor: Dr. Brady

Biological Sciences I
Christopher DeMarco
M.S. Biology
*Squirrel CSI: Conservation of the Western Gray Squirrel in Griffith Park*
Faculty Mentors: Dr. Muchlinski, Dr. Aguilar, Dr. Torres, and Mr. Cooper

Helen Ha
B.S. Biochemistry; Minor: Forensic Science
*Drug Exposure Studies on Freshwater Planarians*
Faculty Mentor: Dr. Vargas

Biological Sciences
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B.S. Microbiology
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Khashayar Olia
M.S. Electrical Engineering
Control Strategy Development for Emission Reduction in a Hybrid Electric Vehicle
Faculty Mentor: Dr. Blekhman

Catherine Tang
B.S. Mechanical Engineering
Laminated Cotton-Polyester-Based Microfluidic Fuel Cells
Faculty Mentor: Dr. Gomez

Physical and Mathematical Sciences
Edward Ramirez
B.S. Electrical Engineering
Exploring the extrinsic nature of photon orbital angular momentum length scales
Faculty Mentor: Dr. Buren

Arianna Brown and Jonathan Barnes
M.S. Physics
Determining the Youngest Protostars in NGC2264
Faculty Mentor: Dr. Terebey
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POSTER PRESENTATIONS

Behavioral and Social Sciences
Kelly Ebeling and Cameron Chernobieff
B.A. Psychology, B.A. Psychology
*Psychotherapy and perceptions of health and quality of Life in HIV positive persons.*
Faculty Mentor: Dr. Durvasula

Nadia Syed
B.A. Psychology
*Personality Disorders, HIV/AIDS, Stress, and Coping*
Faculty Mentor: Dr. Durvasula

Dalton Menna and Desire’ Harriss
M.A. Psychology, B.A. Psychology
*Preventing Attrition Consideration Among African American College Students*
Faculty Mentor Dr. Dennis

Biochemistry Sciences
Chase Musson
B.S. Chemistry
*Optimization of SDS-PAGE for the Separation of Small Covalently Modified Peptides*
Faculty Mentor: Dr. Cecilia Zurita-Lopez

Ariga Bianca Yaghoobi and Rebecca Vargas
B.S. Biochemistry
*Effects of antifreeze protein from cold-adapted beetle on thermal protection of lactate dehydrogenase*
Faculty Mentor: Dr. Xin Wen

Biological Sciences
Maxine Bravo
M.S. Biology
*AK4 loss counteracts nutrient-induced stress in cancer cells through activation of the AMPK pathway*
Faculty Mentor: Dr. Lanning

Hugo Urritia and Abigail Aleman
B.S. Biology
*Screen to identify the phosphatase that dephosphorylates the linker domain of Drosophila melanogaster Mad*
Faculty Mentor: Dr. Eivers

Marlon Mendez
B.S. Microbiology
*Different Modes of Action Between the Antimicrobial Peptides Human Beta-Defensin 2 and 3 in the Biofilm Inhibition of Pseudomonas aeruginosa*
Faculty mentor: Dr. Porter

Nicolette Pollock
B.S. Biology, M.S. Biology
Establishing a protocol for the analysis of lipid accumulation in airway mucosa from patients with chronic rhinosinusitis
Faculty Mentor: Dr. Porter

Engineering and Computer Sciences
Gabriela Martinez
B.S. Civil Engineering
Faculty Mentor: Dr. Lopez

Health, Nutrition and Kinesiology
Alejandra Rivas
B.S Public Health; Option: Community Health
Gestational Diabetes as a Risk factor for Obesity and Type 2 Diabetes in Latino Children
Faculty Mentor: Dr. Toledo-Corral

Paula Garcia Rodriguez, Tyonie Patterson and Jane Lee
Post-Baccalaureate Certificate Communication Disorders – Speech-Language Pathology
An Overview of Interventions for Late Talkers: What We Know, What We Need to Know
Faculty Mentor: Dr. Ellis

Terence Traughber Jr
M.S. Kinesiology Exercise Science
Weight supported quadrupedal treadmill exercise improves insulin sensitivity in a rat model of spinal cord injury and diabetes
Faculty Mentor: Dr. de Leon

Physical Sciences: Chemistry and Geology
Jose Castellon
M.S. Chemistry
Probing the interactions between calcium carbonate crystals and a beetle antifreeze protein using an engineered antifreeze protein
Faculty Mentor: Dr. Wen

Audrey Kishishita and Joshua Lugo
B.S. Microbiology, B.S. Chemistry
Effects of antifreeze polypeptides on calcium carbonate crystallization
Faculty Mentor: Dr. Wen