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

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

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M.S. Mechanical Engineering
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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

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
A Regional Framework for Evaluating Hydrologic Sensitivity to a Changing Climate using Best Management Practices
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 quadreupedal 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