Student Research Symposium Awardees 2015

Congratulations to all!

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

PKP Travel Award:

Angela Wu
B.S./M.S. Mechanical Engineering
Numerically-Based Parametric Analysis of Plain Fin and Tube Compact Heat Exchangers
Faculty mentor: Dr. Arturo Pacheco-Vega

CSULA State Delegates for the 29th CSU Student Research Competition:

Behavioral and Social Sciences
Alma Olaguez and Gabrielle Aroz
M.S. Forensic Psychology/B.A. Psychology
*Ripple Effects: How Biased Evidence Can Cause Distortion in Juror’s Memory*
Faculty Mentor: Dr. Mitchell Eisen

Jessica Pope Mayers
M.S. Forensic Psychology
*A controlled field study of showups: Examining the effect of suggestion and suspect similarity*
Faculty Mentor: Dr. Mitchell Eisen

Humanities and Social Sciences
Miguel Arriola
M.A. History
*The Cossacks: Variable Representations and the Development of a Russian National Mythology*
Faculty Mentor: Dr. Choi Chatterjeee

Karen Koocharian Pekachekey
B.S. Public Health
*The Health Bus*
Faculty Mentor: Dr. Susan Saul

Business and Education
Hoover Zariani
M.A. Education; Option: Educational Foundations
*Impact of the Students Talk About Race Program*
Faculty Mentor: Dr. Allison Mattheis
Dalton Meena  
M.A. Psychology  
Black Student Success  
Faculty Mentor: Dr. Jessica Dennis

**Physical and Mathematical Sciences**

Andre Leon  
B.S. Biochemistry  
*Detection of D-(-)-Glucose Using a Novel Handheld Surface Plasmon Resonance Device*  
Faculty Mentor: Dr. Frank A. Gomez

**Biological Sciences**

Kevin R. Parducho  
B.S. Microbiology  
*Human-β-Defensin 2 and lipids synergistically reduce Pseudomonas aeruginosa biofilm formation*  
Faculty Mentor: Dr. Edith Porter

**Engineering and Computer Science**

Edith Soto  
M.S. Mechanical Engineering  
*Temperature Determination of Young Stellar Objects in near star forming regions.*  
Faculty Mentor: Dr. Susan Terebey

Angela Wu  
B.S./M.S. Mechanical Engineering  
*Numerically-Based Parametric Analysis of Plain Fin and Tube Compact Heat Exchangers*  
Faculty mentor: Dr. Arturo Pacheco-Vega

The following students received an outstanding presentation award at the **23rd Annual Student Symposium on Research, Scholarship and Creative Activities.**

**ORAL PRESENTATIONS**

**Behavioral and Social Sciences**

Jia Shen  
M.A. Psychology  
*Language Brokering, Family Conflict, and Parent-child Communication among Latino American Young Adults*  
Faculty Mentor: Dr. Jessica Dennis

Alma Olaguez and Gabrielle Aroz  
M.S. Forensic Psychology/B.A. Psychology  
*Ripple Effects: How Biased Evidence Can Cause Distortion in Juror’s Memory*  
Faculty Mentor: Dr. Mitchell Eisen

**Humanities and Social Sciences**

Justin D'Agostino  
M.A. Anthropology
A preliminary analysis of the behavioral contexts of red langur (Presbytis rubicunda) loud calls in the Wehea Forest, East Kalimantan, Indonesia  
Faculty Mentor: Dr. Joyce Parga  
Karen Koocharian Pekachekey  
B.S. Public Health  
The Health Bus  
Faculty Mentor: Dr. Susan Saul

**Business and Education**

Hoover Zariani  
M.A. Education; Option: Educational Foundations  
*Impact of the Students Talk About Race Program*  
Faculty Mentor: Dr. Allison Mattheis  
Xiting Lin  
B.S. Biochemistry  
*Assessing General Chemistry Students’ Ability to Translate Between Multiple Representations*  
Faculty Mentors: Drs. James Rudd and Ji Son

**Physical and Mathematical Sciences**

Andre Leon  
B.S. Biochemistry  
*Detection of D-(+)-Glucose Using a Novel Handheld Surface Plasmon Resonance Device*  
Faculty Mentor: Dr. Frank A. Gomez  
Alejandra Rios  
M.S. Physics  
*Detection of Methylated Arginine Using Whispering-Gallery Microcavities.*  
Faculty Mentors: Drs. Cecilia Zurita-Lopez and Andrea Arman

**Biological Sciences**

Kevin R. Parducho  
B.S. Microbiology  
*Human-β-Defensin 2 and lipids synergistically reduce Pseudomonas aeruginosa biofilm formation*  
Faculty Mentor: Dr. Edith Porter  
Helen Yip  
M.S. Biology  
*Energetic constraints in the Mytilus-Pisaster interaction*  
Faculty Mentor: Dr. Carlos Robles

**Engineering and Computer Science**

Angela Wu  
B.S./M.S. Mechanical Engineering  
*Numerically-Based Parametric Analysis of Plain Fin and Tube Compact Heat Exchangers*  
Faculty mentor: Dr. Arturo Pacheco-Vega

**POSTER PRESENTATIONS**

**Behavioral and Social Sciences**

Claudia Mota  
B.A. Psychology
Mexican-American Dual Language Learners’ Distinction Between Mass and Count Nouns  
Faculty Mentor: Dr. Kaveri Subrahmanyam

**Andrew Chavez and Ruby Fletes**
M.A. Psychology/B.A. Psychology; Minor: Biology

**Endorsement of Traditional Latino Values and Educational Values among Latino College Students**
Faculty Mentor: Dr. Jessica Dennis

**Yanting Luo, Gloriana Lopez and Linda Gonzalez**
M.A. Psychology

**Gender Role Conflicts and Adjustment among Latino and Asian College Students**
Faculty Mentor: Dr. Jessica Michele Dennis

**Biological and Biochemical Sciences**

**Kumar Tiger**
M.S. Biology

**Identifying MyoD knockdown cell lines using qRT-PCR assays for MyoD and Myogenin mRNAs**
Faculty Mentor: Dr. Sandra Sharp

**Ariga Yaghoobi and Sona Mnatsakanyan**
B.S. Biochemistry

**Effects of a Beetle Antifreeze Protein on the preservation of bacterial stock**
Faculty Mentor: Dr. Xin Wen

**Jonathan Castillo**
M.S. Chemistry; Option: Biochemistry

**In vivo study of t-Darpp’s protein-protein interactions**
Faculty Mentor: Dr. Jamil Momand

**Education**

**Venessa Lizarde**
M.A. Education; Option: Creative Literacies

**Creating Story Boxes to Enhance Literary Experiences for Children with Visual Impairments**
Faculty Mentor: Dr. Ambika Raj

**Carolina Sandoval**
M.A. Educational Technology and Leadership

**Campus as a Living Lab: Learning Community of Environment and Sustainability Educators**
Faculty mentor: Dr. Manisha Javeri

**Physical and Mathematical Sciences**

**Antonio Garcia**
B.S. Chemistry

**Quantifying Polycyclic Aromatic Hydrocarbons in Particulate Matter**
Dr. Krishna Foster

**William Hua**
B.S. Mathematics; Option: Applied

**Effects of pH on singlet oxygen reactivity with 3,4',5-trimethoxy-trans-stilbene and derivatives**
Faculty Mentor: Dr. Matthias Selke