

Student Research Symposium Awardees 2017

Congratulations to all!

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

PKP Travel Award:

Don Clarke

M.S. Biology

Development of A stem cell/ Gene therapy for Sanfilippo syndrome type B

Faculty Mentors: Dr. Edith Porter and Dr. Michelina Iacovino

Cal State University, Los Angeles State Delegates for the

31th CSU Student Research Competition

Behavioral and Social Sciences I

Dulce Montiel

M.A. Psychology

Media Use: Sleep, Well-Being, School-Belonging and Academic Performance

Faculty Mentor: Dr. Kaveri Subrahmanyam

Gabriela Cedré

M.S. Forensic Psychology

False memories for evidence presented at trial

Faculty Mentor: Dr. Mitchell Eisen

Behavioral and Social Sciences II

Kelly Ebeling

B.A. Psychology

Neuroticism, Smoking, and Perceptions of Quality of Life in HIV Positive Persons

Faculty Mentor: Dr. Durvasula

Gredma Dalesy Casasola

B.A. Latin American Studies

"Fueron los Subversivos": Reconstructing Guatemala's Conflict Through Oral History

Faculty Mentor: Dr. Ericka Verba, Dr. Enrique Ochoaa

Biological Sciences I

Natalia Ukhliivanova

B.S. Biochemistry

Disaggregation of amyloid beta peptides by ginnalin A and related compounds: biophysical, bioanalytical, and cytotoxicity studies

Faculty Mentor: Dr. Feimeng Zhou

Biological Sciences II

Don Clarke

M.S. Biology

Development of A stem cell/ Gene therapy for Sanfilippo syndrome type B

Faculty Mentors: Dr. Edith Porter and Dr. Michelina Iacovino

Humanities and Letters

Katherine Mishler

M.A. History

Concepts of Gender Sensationalized: Women and Their Industrial Injuries in Newspapers during World War I

Faculty Mentor: Dr. Carole Srole

Raquel Rojas

M.F.A Studio Arts and M.A. Art History

Un Camino Nuevo| A New Path

Faculty Mentor: Dr. Mika Cho

Physical and Mathematical Sciences I

Arianna Brown

M.S. Physics

Star Formation and AGN Activity: Correlation or Causation?

Faculty Mentor: Dr. Susan Terebey

Physical and Mathematical Sciences II

Grant Robinson

M.S. Mathematics

Coloring Distance Graphs

Faculty Mentor: Dr. Liu

The following students received an outstanding presentation award at the

25th Annual Student Symposium on Research, Scholarship, and Creative Activities

ORAL PRESENTATIONS

Behavioral and Social Sciences I

Jennifer Jones

B.A., Psychology

Showups Conducted in the Real World: How the Additional-Opportunities Instruction Reduces False IDs

Faculty Mentor: Dr. Mitchell Eisen

Gabriela Cedré

M.S. Forensic Psychology

False memories for evidence presented at trial

Faculty Mentor: Dr. Mitchell Eisen

Behavioral and Social Sciences II

Kelly Ebeling

B.A. Psychology

Neuroticism, Smoking, and Perceptions of Quality of Life in HIV Positive Persons

Faculty Mentor: Dr. Durvasula

Gloriana Lopez

M.A. Psychology

Reporting the Unique Experiences of LGBTQ Women

Faculty Mentor: Dr. Jessica Dennis

Biological Sciences I

Natalia Ukhivanova

B.S. Biochemistry

Disaggregation of amyloid beta peptides by ginnalin A and related compounds: biophysical, bioanalytical, and cytotoxicity studies

Faculty Mentor: Dr. Feimeng Zhou

Nathalie A. Del Rosario

M.S. Biochemistry

The investigation and use of natural wax-based supports to control fluidic flow on paper-based platforms

Faculty Mentor: Dr. Frank Gomez

Biological Sciences II

Don Clarke

M.S. Biology

Development of A stem cell/ Gene therapy for Sanfilippo syndrome type B

Faculty Mentors: Dr. Edith Porter and Dr. Michelina Iacovino

Karl Liboro

B.S. Microbiology

Regulation of Biofilm Formation in Candida albicans by Yeast Casein Kinase 2

Faculty Mentor: Dr. Hyunsook Park

Engineering and Computer Sciences I

Joseph Lucey

B.S. Civil Engineering

Global prediction of flood magnitudes using NASA satellite products

Faculty Mentor: Dr. Sonya Lopez

Joshua Baltazar

M.S. Mechanical Engineering

Parametric Analysis of Laminar Flow Wavy Channel Fuel Cells

Faculty Mentor: Dr. Arturo Pacheco-Vega

Engineering and Computer Sciences II

James Sunthonlap

M.S. Computer Science

Test Framework for Availability, Reliability, and Performance of Cloud-Based Services

Faculty Mentor: Dr. Jiang Guo

Humanities and Letters

Paula Sofia Ayala

B.A. Latin American Studies

Title of Presentation- Performing Memory: Re-tracing Trauma as Intergenerational Healing

Faculty Mentors: Dr. Ericka Verba and Dr. Enrique Ochoa

Raquel Rojas

M.F.A Studio Arts and M.A. Art History

Un Camino Nuevo| A New Path

Faculty Mentor: Dr. Mika Cho

Physical and Mathematical Sciences I

Arianna Brown

M.S. Physics

Star Formation and AGN Activity: Correlation or Causation?

Faculty Mentor: Dr. Susan Terebey

Hsinting Tseng

B.S. Business-Marketing

Assessing dust proxies in Atmospheric River events from the US west coastal states

Faculty Mentor: Dr. Staryl McCabe-Glynn

Physical and Mathematical Sciences II

Grant Robinson

M.S. Mathematics

Coloring Distance Graphs

Faculty Mentor: Dr. Liu

Wilson Lee

B.S. Chemistry

Optimization of the Fabrication of Microfluidic Paper-Based Analytical Devices (μ PADs)

Faculty Mentor: Dr. Frank Gomez

The following students received an outstanding presentation award at the

25th Annual Student Symposium on Research, Scholarship, and Creative Activities

POSTER PRESENTATIONS

Behavioral and Social Sciences

Jingyi Zhang

M.A. Social Science

The Effect of Family Bicultural Socialization and Community on Bilingual Usage and Proficiency among Young Adult Immigrants

Faculty Mentor: Dr. Jessica Dennis

Alyssa Lawson

M.A. Psychology

The Effect of Conceptual and Procedural Explanations in Mathematical Transfer

Faculty Mentor: Dr. Ji Son

Sarah Diaz and Angie Barrera Alonso

M.A. in Education; Option: Educational Foundations

Gentrification and Transportation: Neoliberalism in Motion

Faculty Mentor: Dr. Allison Mattheis

Jonathan Perdomo, Vanessa Orozco, Jenny Velasco

B.S. Criminal Justice

Sexual Assault Policies in California's University and College Websites

Faculty Mentor: Dr. Nicole Smolter

Biological Sciences I

Janielle Cuala

B.S. Biochemistry

Investigating the Role of Methylated Arginine Residues in PGC-1 α , a Protein Implicated in Cellular Metabolism

Faculty Mentor: Dr. Cecilia Zurita-Lopez

Jonathan Aldana-Mendoza

B.S. Biochemistry

Investigating the Role of the DYW Deaminase in RNA Processing

Faculty Mentor: Dr. Michael L. Hayes

Joshua Silva

M.S. Biology

Glioma Cell Proliferation Promoted by AK4 Regulated mTORC1 Pathway Activation

Faculty Mentor: Dr. Nathan Lanning

Joshua Alvarado, Kadie Ishida, Helma Zecena and Jessica Hsueh

B.S. Biochemistry; B.S. Biology; B.S. Biology; B.S. Biochemistry

Generation of Leigh Syndrome Cell Models

Faculty Mentor: Dr. Nathan Lanning

Daisy Aguirre

M.S Chemistry: Biochemistry Option

Cryoprotective Effects of Antifreeze Proteins on Enzymes

Faculty Member: Dr. Xin Wen

Biological Sciences II

Roger Berton

M.S. Biological Science

Establishing a Biofilm Assay with Mycobacterium smegmatis

Faculty Mentor: Dr. Edith Porter

Maryam Setayesh

M.S. Biological Sciences

The Contribution of Cholesteryl Esters to the Antimicrobial Properties of the Alveolar Type II Cell Line A549

Faculty Mentor: Dr. Edith Porter

Business, Economics, and Public Administration

Timothy Hoang and Yin Kau Chan

B.S. Computer Information Systems

Data Analysis of Green Environment in California

Faculty Mentor: Dr. Shilpa Balan

Daniel Tran

M.S. Mathematics

Modeling and Forecasting Stock Market Prices with Sigmoidal Curves

Faculty Mentor: Dr. Melisa Hendrata

Engineering and Computer Sciences

Ianko Gueorguiev, Nazir Tokhi, and Alex Zaragoza

B.S. Mechanical Engineering; M.S. Mechanical Engineering

Rotation Friction Coefficients of Polymer Sheets under Vacuum

Faculty Mentor: Dr. Riccardo DeSalvo

Brian Chua and Segal Ismael

B.S. Civil Engineering - Transportation

Effect of Traffic Combination on Environmental Emissions

Faculty Mentor: Dr. Mehran Mazari

Health, Nutrition, and Clinical Sciences

Lloyd Ruiz

M.S., Kinesiology

Body weight supported training modulates muscle NF- κ B P65 expression induced by spinal cord injury

Faculty Mentors: Dr. Stefan Keslacy and Dr. Ray de Leon

Physical Sciences: Chemistry and Geology

Samuel Garza

M.S. Biology

*Landscape Genomics of the Vernal Pool Tadpole Shrimp (*Lepidurus packardii*)*

Faculty Mentor: Dr. Andres Aguilar

Melanie Medina

M.S. Biology

*An analysis of sexual selection of cryptic nudibranchs of the *Elysia tomentosa* complex*

Faculty Mentor: Dr. Patrick J. Krug

Physical and Mathematical Sciences

Joshua Lugo and Audrey Kishishita

B.S. Chemistry, B.S. Microbiology

Effects of Antifreeze Proteins on Calcium Carbonate Formation

Faculty Mentor: Dr. Xin Wen

Seth Linker

M.S., Physics

Measurement of Q Factor for Dielectric Coatings Used for Gravity Wave Detection

Faculty Mentor: Dr. Riccardo DeSalvo

Greta O’Dea and Morgan Shaner

M.S., Physics

*ROLE OF AVALANCHES OF ENTANGLED DISLOCATIONS AS A SOURCE OF MECHANICAL NOISE
IN HIGH PRECISION MEASUREMENTS*

Faculty Mentor: Dr. Riccardo DeSalvo

Most Creative Poster Presentation

Maha A. Alharbi

M.A. Art, Fashion, Fiber and Materials

Culture and Technology: Abaya with 3D printer

Faculty Mentor: Dr. Rebecca Davis and Professor Carole Lung