

Student Research Symposium Awardees 2014

Congratulations to all!

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

PKP Travel Award:

Carolyn Kan

B.S. Biochemistry

Synthesis and Characterization of Kinase Inhibitors Encapsulated in mPEG-PLGA NPs for Anticancer Drug Delivery
Faculty Mentor: Yong Ba

CSULA State Delegates for the 28th CSU Student Research Competition:

Behavioral and Social Sciences I

Sarah Conklin

M.A. Counseling (ABA Option)

Parents as Behavior Change Agents

Faculty Mentor: Michelle Wallace

Darin Brown

M.A. Psychology

Multimodal Emotion Enhanced Memory: Congruent vs. Incongruent Cross Processing Effect on Recall

Faculty Mentor: Joel Ellwanger

Behavioral and Social Sciences II

Justin D'Agostino

M.A. Anthropology

Symbolizing Colors and Directions to Hidden Food Items

Faculty Mentor: James Brady

Biological Sciences

Chance Anderson

M.S. Biology

Liposomes Formulated With Host Derived Lipids Inhibit Biofilm Formation of Pseudomonas Aeruginosa and Induce Bacterial Aggregation

Faculty Mentor: Edith Porter

John Berriman

M.S. Biology

Describing New Species and Quantifying Diversity in the Sacoglossan Genus Oxynoe, a Proposed Biocontrol Vector, Using Molecular and Morphological Data
Faculty Mentor: Patrick Krug

Chemical Sciences

Carolyn Kan
B.S. Biochemistry
Synthesis and Characterization of Kinase Inhibitors Encapsulated in mPEG-PLGA NPs for Anticancer Drug Delivery
Faculty Mentor: Yong Ba

Engineering and Computer Science

Daniel Collister
B.S. Mathematics (Applied Option)
The Coloring of the Number Line and the Lonely Runner
Faculty Mentor: Daphne Liu

Meline Baghdasarian
M.S. Mechanical Engineering
Mixing in Thermally Stratified Nonlinear Spin-Up with Sources and Sinks
Faculty Mentor: Arturo Pacheco-Vega

Jeanette Cobian-Iñiguez
M.S. Mechanical Engineering
Parametric Analysis of a Compact Fin and Tube Heat Exchanger
Faculty Mentor: Arturo Pacheco-Vega

Humanities and Education

Jimmy Solis
M.A. History
Establishing the Nation's First Chicano Studies Department at CSULA
Faculty Mentors: Francisco Balderrama, Enrique Ochoa, Carol Srole, Michael Soldatenko and Mark Wild

Alternates for the State Delegates Competition:

Patricia Alonzo
M.A. Anthropology (Archaeology Option)
Ancient West Mexico: An Archaeological Analysis on Burial Offerings
Faculty Mentor: James Brady

Cynthia Alarcon, Abel Garcia, Matthew Mora and Louis Lopez
B.A. Psychology
Cognitive and Socioemotional Costs and Benefits of Virtual Labs in Science Education
Faculty Mentor: Ji Y. Son

The following students received an outstanding presentation award at the 22nd Annual Student Symposium on Research, Scholarship and Creative Activities.

ORAL PRESENTATIONS

Group 1 – Behavioral and Social Sciences I

Cynthia Alarcon, Abel Garcia, Matthew Mora and Louis Lopez

B.A. Psychology

Cognitive and Socioemotional Costs and Benefits of Virtual Labs in Science Education

Faculty Mentor: Ji Y. Son

Sarah Conklin

M.A. Counseling (ABA Option)

Parents as Behavior Change Agents

Faculty Mentor: Michelle Wallace

Darin Brown

M.A. Psychology

Multimodal Emotion Enhanced Memory: Congruent vs. Incongruent Cross Processing Effect on Recall

Faculty Mentor: Joel Ellwanger

Maisha Lassiter

B.A. Psychology

Personality Traits, Stress, and Well-Being in College Students

Faculty Mentor: Gaiithri Fernando

Group 2 – Behavioral and Social Sciences II

Justin D'Agostino

M.A. Anthropology

Symbolizing Colors and Directions to Hidden Food Items

Faculty Mentor: James Brady

Toni Gonzalez and Cristina Verdugo

M.A. Anthropology

"In a Stygian Cave Forlorn": Recent Discoveries from Chultuns at Ka'Kabish, Belize

Faculty Mentor: James Brady

Group 3 – Biological Sciences

Lissette Estala

B.S. Biochemistry

Paper Microfluidic-Based Enzyme Catalyzed Double Microreactor

Faculty Mentor: Frank Gomez

Chance Anderson

M.S. Biology

Liposomes Formulated With Host Derived Lipids Inhibit Biofilm Formation of Pseudomonas Aeruginosa and Induce Bacterial Aggregation

Faculty Mentor: Edith Porter

John Berriman

M.S. Biology

Describing New Species and Quantifying Diversity in the Sacoglossan Genus Oxynoe, a Proposed Biocontrol Vector, Using Molecular and Morphological Data

Faculty Mentor: Patrick Krug

Group 4 – Chemical Sciences

Carolyn Kan

B.S. Biochemistry

Synthesis and Characterization of Kinase Inhibitors Encapsulated in mPEG-PLGA NPs for Anticancer Drug Delivery

Faculty Mentor: Yong Ba

Mary Arrastia

B.S. Chemistry

Development of Paper-Based Microfluidic Enzyme-Linked Immunosorbent Assays (ELISAs)

Faculty Mentor: Frank Gomez

Julio Avila

M.S. Chemistry

Design and Development of a Passive Direct Methanol Fuel Cell

Faculty Mentor: Frank Gomez

Group 5 – Engineering and Computer Science

Daniel Collister

B.S. Mathematics (Applied Option)

The Coloring of the Number Line and the Lonely Runner

Faculty Mentor: Daphne Liu

Meline Baghdasarian

M.S. Mechanical Engineering

Mixing in Thermally Stratified Nonlinear Spin-Up with Sources and Sinks

Faculty Mentor: Arturo Pacheco-Vega

Jeanette Cobian-Iñiguez

M.S. Mechanical Engineering

Parametric Analysis of a Compact Fin and Tube Heat Exchanger

Faculty Mentor: Arturo Pacheco-Vega

Ethian Ting and Luis Orozco

B.S. Mechanical Engineering

Efficacy of Custom-Design and Manufacture of Affordable and Fully Functioning Orthoses

Faculty Mentor: Samuel Landsberger

Group 6 – Humanities and Education

Dickson Perey

Ed.D. Educational Leadership

Using Photovoice to Empower School Stakeholders to Enhance Public School Climate

Faculty Mentor: Sharon Ulanoff

Susan Dibaei, Andrea Smith and Rachel Crowe

M.B.A. Marketing

Your Time is Now

Faculty Mentor: Tyrone Jackson and Steve McGuire

Jimmy Solis

M.A. History

Establishing the Nation's First Chicano Studies Department at CSULA

Faculty Mentors: Francisco Balderrama, Enrique Ochoa, Carol Srole, Michael Soldatenko and Mark Wild

Poster Presentations

Behavioral and Social Sciences I

Timothy J. Bussell

MSW Social Work

The Effect of Parental Incarceration on High School Outcomes

Faculty Mentor: Anh-Luu Huynh-Hohnbaum

Belen Ocegueda and Krizeyda Portal

M.A. Psychology

I Think I Can: Degree Persistence among First Generation College Students

Faculty Mentor: Gaithri Fernando

Behavioral and Social Sciences II

Guadalupe Gutierrez and Sherry Wang

B.A. Psychology

Mexican American Women's Perspectives on a Culturally Adapted Cognitive-Behavioral Therapy Guided Self-Help Program for Binge Eating Disorders

Faculty Mentor: Munyi Shea

Biological Sciences

Matthew Juarez

B.S. Biology

Identifying the Kinase that Phosphorylates Mad-Linker Domain During BMP Signaling.

Faculty Mentor: Edward Eivers

Eileen Gonzalez

B.S. Microbiology

Mitochondrial Dynamics in the Type 2 Diabetic Heart

Faculty Mentor: Katrina Yamazaki

Chemical Sciences

Alejandra Rios

B.S. Biochemistry

Probing the Binding Side of Antifreeze Proteins to Trehalose Crystals

Faculty Mentor: Xin Wen

Abegail Tadle

M.S. Chemistry

Sequential [4+2] Diels Alder Reaction of 3,4,5 Trimethoxy-Trans-Stilbene with Singlet Oxygen

Faculty Mentor: Matthias Selke

Education

Jessica Angulo and Nancy Castillo

B.A. Psychology

The Child Goes "Moo": Do Children Who Use Sound-Effects Have Better Narrative Skills?

Faculty Mentor: Kaveri Subrahmanyam

Engineering and Computer Science

Omid Niayesh

M.S. Mechanical Engineering

Pest Oxidation of Molybdenum Disilicide

Faculty Mentor: Adel Sharif

Health, Nutrition, and Clinical Sciences

Samantha Ton, Whitney Olson, Christopher Rangel and Monique Wilcots

B.S. Food Science and Technology, M.S. Nutritional Science

The Efficacy of Different Household Washing Methods on the Microbial Load and Color of Selected Vegetables and Fruits

Faculty Mentor: Sunil Mangalassary

Jesse Garcia Castillo, Yvette Avila, Maureen De Guzman and Rocio Delgado,

B.S. Exercise Science, B.S. Nursing, B.A. Psychology, B.S. Microbiology

What is a Serving? A Look at Portion Sizes and Nutrient Deficiency

Faculty Mentor: Emily Acevedo