3-Minute Oral Presentation Winners

Session 1 All Disciplines Graduate Students

1st Place  Marisela Romero Alvarez & Kristal-Rose Ramos
Graduate, Department of Social Work
Faculty Mentor: Allen Lipscomb
Perspectives of Los Angeles County Child Welfare professionals towards the protection of the social work profession

2nd Place  Sandra Sanchez Conde & Placido Saldivar
Graduate, Department of Social Work
Faculty Mentor: Judith DeBonis
The Emotional Journey Behind the Decision; Stories from Conservators of Aging Adults with Intellectual Disabilities

Session 2 All Disciplines Undergraduate Student

1st Place  Jacki Manoukian
Undergraduate, Department of Chemistry and Biochemistry
Faculty Mentor: Jessica Vey
The Effect of mutagenesis of H391 residue on dibenzothiophene monooxygenase (DszC)

2nd Place  Frida Endinjok
Undergraduate, Department of Family and Consumer Sciences
Faculty Mentor: Annette Besnilian
Let's Grow Healthy: Evaluating the Effectiveness of Garden Enhanced Nutrition Education in Elementary School Children

Camino Thesis Talks Winners

1st Place  Christopher Rogers
Graduate, Department of Health Sciences
Faculty Mentor: Stephanie Benjamin
Perceived health trends and associated health factors reported in a college sample

2nd Place  Cathy Francisco
Graduate, Department of Kinesiology
Faculty Mentor: Steven Loy
Implementation of Community-Based Exercise Program Across the CSU System: A Specific Approach in Chico and Long Beach
10-Minute Oral Presentation Winners

Session 1: College of Social & Behavioral Sciences

1st Place  Jasmine Awad,
Graduate, Department of Psychology
Faculty Mentor: Stefanie Drew
Teal is Less Than Purple: A study on bidirectionality in synesthesia

2nd Place  Katie Alegria,
Graduate, Department of Psychology
Faculty Mentor: Erica Wohldmann
Does Nature Make Us Smarter?

Session 2: College of Health and Human Development and Social and Behavioral Sciences

1st Place  Christopher Rogers
Graduate, Department of Health Sciences
Faculty Mentor: Stephanie Benjamin
Prevalence of adverse childhood experiences and associated health and academic outcomes reported in a college sample

2nd Place  Gerardo Gutierrez
Undergraduate, Department of Environmental & Occupational Health
Faculty Mentor: Nola Kennedy
Determining the Genetic Requirement for BPA’s Effect on Germ Cell Epigenetic Regulation

Session 3: College of Engineering & Computer Science

1st Place  Steve Martinez, Jessica Shaffstall, John Paul Lionel, Adan Morales, Ricardo Navarro
Undergraduate, Department of Mechanical Engineering
Faculty Mentor: Peter Bishay
Integrated Morphing Winglet Design with Shape Memory Alloy Driven Actuation

2nd Place  Nasser Ramsis, Nomer Piol & Ian Sieker, Chris Mar, Mhartie Viray
Undergraduate, Department of Mechanical Engineering
Faculty Mentor: Peter Bishay
Development of a twist morphing wing design using an SMA based smart soft composite
Session 4: College of Science & Math

1st Place  Sa la Kim
Undergraduate, Department of Biology
Faculty Mentor: Jonathan Kelber
ITGA1 is an early biomarker in pancreatic cancer that potentiates stem-like cell survival and TGFβ/collagen-induced EMT, therapy resistance and metastasis

2nd Place  Samantha Hain
Undergraduate, Department of Biology
Faculty Mentor: Samantha Butler
Deriving Sensory Spinal Interneurons from Human Pluripotent Stem Cells

Session 5: College of Social and Behavioral Sciences

1st Place  Lyndsey Weiss
Graduate, Department of Social Work
Faculty Mentor: Allen Lipscomb
Sexual Violence Prevention Education Among Young Adults

2nd Place  Maira Areguin
Graduate, Department of Psychology
Faculty Mentor: Que-Lam Huynh
Reaping More than What They Sow: Latina/o Farm Workers’ Experiences with Environmental Microaggressions

Session 6: College of Science & Math

1st Place  Heather Carstensen
Undergraduate, Department of Biology
Faculty Mentor: Ray Hong
Characterization of a Dauer Constitutive Mutant in a Nematode

2nd Place  Gabriela Alvarez Azanedo
Undergraduate, Department of Biology
Faculty Mentor: Cindy Malone
FoxP3Δ3 Regulation of PD-L1 Expression in Bladder Cancer Cells

2nd Place  Carlos Vargas, BUILD PODER
Undergraduate, Department of Biology
Faculty Mentor: Robert Espinoza
Going Green Takes Guts: Plant-Eating Specializations in Gut Form and Function in the World’s Largest Skink
Session 7 College of Science & Math and Social & Behavioral Sciences

1st Place  Melissa Kurman
Graduate, Department of Biology
Faculty Mentor: Casey terHorst
Variable responses of Giant Kelp (Macrocystis pyrifera) individuals and populations to warming

2nd Place  Zoe Scott
Graduate, Department of Biology
Faculty Mentor: Casey terHorst
Effects of the invasive foundation species, Watersipora subtorquata, on fouling community structure are environmentally dependent

Session 8 College of Science & Math

1st Place  Lena Vincent
Graduate, Department of Biology
Faculty Mentor: David Bermudes
Heterologous Expression of Multigene Toxins in a Tumor-Targeted Salmonella

2nd Place  Alex Burkert
Graduate, Department of Biology
Faculty Mentor: Rachel Mackelprang
Identifying Changes in the Active, Dead, and Dormant Microbial Community Structures across a Chronosequence of Ancient Alaskan Permafrost

Session 9 College of Science & Math

1st Place  Ismail Hossain
Graduate, Department of Chemistry and Biochemistry
Faculty Mentor: Taeboem Oh
Imidazolium Based Room Temperature Ionic Liquids in Organic Synthesis

2nd Place  Kellee Eberle
Graduate, Department of Chemistry and Biochemistry
Faculty Mentor: Jessica Vey
Initial Studies of Amino Acid Residue Mutations in the Active Site of Dibenzothiophene monooxygenase (DszC)

Session 10 College of Health and Human Development

1st Place  Hallie Bui
Graduate, Department of Kinesiology
Faculty Mentor: Taeyou Jung
Physical and Psychological Outcomes Following Aquatic Exercise in Individuals with Total Knee Arthroplasty: A Case Study
2nd Place  Kyle Geary  
Graduate, Department of Kinesiology  
Faculty Mentor: Teri Todd  
**Difference in postural sway between college students with and without ASD**

1st Place  Chiemelie Onyekonwu, BUILD PODER  
Undergraduate, Department of Psychology  
Faculty Mentor: Virginia Huynh  
**Examining the Relationship Between Ethnic-Racial Socialization and Stress Among Latino/a Students**

2nd Place  Eryn Talevich  
Undergraduate, Department of Anthropology  
Faculty Mentor: Heidi Schumacher  
**Telling Fortunes**

1st Place  Felicia Conlan  
Graduate, Department of Educational Leadership and Policies Studies  
Faculty Mentor: Dimpal Jain  
**Concussion to Classroom: Post-Concussion Academic Reintegration of Collegiate Club Sports Athletes**

2nd Place  Jasmine Ruffin  
Undergraduate, Department of Deaf Studies  
Faculty Mentor: William Garrow  
**Where Are the Interpreters of Color? Understanding Racial Diversity within Interpreting Training Programs**

1st Place  Paulo Yu  
Graduate, Department of Mechanical Engineering  
Faculty Mentor: Vibhav Durgesh  
**Experimental Study of Fluid Flow in Aneurysm**

2nd Place  Gelareh Jahangiri  
Graduate, Department of Manufacturing Systems Engineering and Management  
Faculty Mentor: Maryam Tabibzadeh  
**A Proactive Risk Assessment Framework to Enhance Patient Safety in Operating Rooms**
Session 14 College of Art Media & Communication and Social & Behavioral Science

1st Place Spencer Myers & Ryanne Smith
Undergraduate, Department of Cinema and Television Arts
Faculty Mentor: Dianah Wynter
The Feminist Nature of Mad Max: Fury Road

2nd Place David Kano & Ray Roman
Graduate, Department of Journalism
Faculty Mentor: Melissa Wall
Virtual Reality: Sports Perspectives

Session 15 College of Humanities

1st Place Caitlin Postal
Graduate, Department of English
Faculty Mentor: Scott Kleinman
He Just Can’t Wait to Be King . . . Or Can He? The Impact of Language on King Horn’s Journey from Child to King

2nd Place Gabriela Almendarez
Graduate, Department of English
Faculty Mentor: Colleen Tripp
(Re)mapping Womanhood: Feminicide, Space, and the Search for Identity in Desert Blood

Session 16 College of Science & Math

1st Place Joshua Manning
Graduate, Department of Biology
Faculty Mentor: Robert Carpenter
Differential effects of wounding and ocean acidification on tropical crustose coralline algae

2nd Place Russell Dauksis
Graduate, Department of Biology
Faculty Mentor: Mark Steele
Top-Down Versus Bottom-up Processes in a Protected Eelgrass Bed (Zostera Marina)

Session 17 College of Science & Math

1st Place Desiree Goetting
Graduate, Department of Biology
Faculty Mentor: Cheryl Van Buskirk
Multiple signaling pathways mediate plasticity in sleep drive
2nd Place  Alina Adamian
Graduate, Department of Biology
Faculty Mentor: Cindy Malone
Small Lymphocytic Lymphoma Associated miR-155 Promoter Isolation, Characterization and Analysis
Poster Winners

**Graduate Student**

1st Place  
Da Chun  
Graduate, Department of Family and Consumer Sciences  
Faculty Mentor: Elizabeth Sussman  
*Effectiveness of the Patient Assistance Nutritional Supplementation Program in Dialysis Patients in Arizona*

2nd Place  
Jamie Carrafa  
Graduate, Department of Biology  
Faculty Mentor: David Bermudes  
*Characterization of Bacteria-Secreted Chimeric Protease Inhibitors*

2nd Place  
LaFrance Daniels Jr  
Graduate, Department of Biology  
Faculty Mentor: Cindy Malone  
*Comparing Expression of Protein Markers in Small Cell Lung Cancer Cell Lines Cultured in 2D Versus 3D Cancer Organoid System*

2nd Place  
Erin Jaco  
Graduate, Department of Biology  
Faculty Mentor: Mark Steele  
*Species-specific responses to protection in Marine Protected Areas measured with stereo-video*

**Undergraduate Student**

1st Place  
Shawntel Barreiro  
Undergraduate, Department of Linguistics  
Faculty Mentor: Heidi Schumacher  
*Linguistic perspectives on the current Mohegan language Revival*

1st Place  
Tanya Estrada Gomez  
Undergraduate, Department of Biology  
Faculty Mentor: Cristian Ruiz Rueda  
*Contamination by Carbapenem-Resistant Bacteria in the Public Transportation System in the San Fernando Valley*

2nd Place  
Sam Mahdi  
Undergraduate, Department of Chemistry and Biochemistry  
Faculty Mentor: Karin Crowhurst  
*The investigation of allostery and dimerization in hRGS7 using NMR techniques*