San Diego State University Student Research Competition Winners
April 28-29, 2023

*Highlighted: No-shows

Campus	Session #	Place	Student Name	Co-Presenters	Project Title
CSU East Bay	1: Health Nutrition, and Clinical Sciences, Graduate	1st	Justin Matties	N/A	A Pilot Study: Effects of an 8-Week Training Intervention in Carbon-Plated Running Shoes
CSU Dominguez Hills	1: Health Nutrition, and Clinical Sciences, Graduate	2nd	Rebekah Boning	Nicole Stephanie Pantaleon	Behind the Mask: Impression Management in Women with ADHD
Sacramento State	2: Engineering and Computer Science, Undergraduate	1st	Julian Hernandez	N/A	Searching for Litter with Computer Vision
California State Polytechnic University, Pomona	2: Engineering and Computer Science, Undergraduate	2nd	Lauren Natividad	N/A	Energy Poverty and Social Benefit Factors: A MOLP Approach for the Design of a HRE Developed for a Rural Village in Mexico
CSU San Bernardino	3: Behavorial, Social Sciences, and Public Administration, Undergraduate	1st	Johnathan Solomon	N/A	The River's Retibution: Policy Impact Analysis of the QSA on a Dying Sea
CSU Monterey Bay	3: Behavorial, Social Sciences, and Public Administration, Undergraduate	2nd	Rosa Acevedo Duran	Kimberly Smith	Understanding Youth Mental Health Needs Through Participatory Action Research
Cal State Los Angeles	4: Behavorial, Social Sciences and Public Administration, Undergraduate	1st	Kimia Lavasari	N/A	Exploring Juror's Qualitative Verdict Justifications Based on Jury Instructions
CSU Northridge	4: Behavorial, Social Sciences and Public Administration, Undergraduate	2nd	Joseluz Sosa	N/A	The Unhoused of San Fernando Valley: Linguistic Distance and Assessment
California Polytechnic State University, San Luis Obispo	5: Biological and Agricultural Sciences, Graduate	1st	Jordan Richards	Jack Madden	Valorization of Carrot Processing Waste
CSU Monterey Bay	5: Biological and Agricultural Sciences, Graduate	2nd	Isaak Haberman	N/A	Disparities in Drivers of Subtidal and Intertidal Sea Urchin Reproductive Capacity
San Jose State University	6: Biological and Agricultural Sciences, Graduate	1st	Jaedyn Rollins	N/A	Utilization of the RhD Locus as a Safe Harbor for Gene Editing Applications
CSU Fullerton	6: Biological and Agricultural Sciences, Graduate	2nd	Kaitlyn Kern	N/A	A Morphological Investigation of the Holocephalan Tenaculum Through Ecology
CSU San Marcos	7: Biological and Agricultural Sciences, Undergraduate	1st	Jaeden Flury	N/A	Investigating Wound Microbiome Composition in Type 2 Diabetic Mice
CSU Fullerton	7: Biological and Agricultural Sciences, Undergraduate	2nd	Dema Ramlaoui	N/A	Lactic Acid Bacteria Lacticaseibacillus Rhamnosus "R3" Inhibitory Activity Against ESKAPE
	8:Physical and Mathematical Sciences, Graduate	1st	Ran Li	N/A	On the Memory Scalability of Spectral Clustering Algorithms
San Francisco State University	8:Physical and Mathematical Sciences, Graduate	2nd	Preet Agnihotri	N/A	Giant Radio Galaxies in MeerKAT Legacy Surveys
California Polytechnic State University, San Luis Obispo	9: Behavorial, Social Sciences, and Public Administration, Graduate	1st	Robin Bedard	Megan Rottenborn	Snake Relocation Policies and Pracices within the Continental United States
Sacramento State	9: Behavorial, Social Sciences, and Public Administration, Graduate	2nd	George Harris	N/A	Photo-ID Law's Impact on African-American Turnout Rates: An Extensicve Report on Voter, Suppression Within the American Democracy
Cal State Los Angeles	10: Humanities and Letters, Undergraduate	1st	Hazel Carias-Urbina	N/A	Conspirando en Los Angeles: History of Central American Organizing at MacArthur Park
California Polytechnic State University, San Luis Obispo	10: Humanities and Letters, Undergraduate	2nd	Ethan Gutterman	N/A	Special Collections at Kennedy Library: The Historic Black Community of San Luis Obispo
CSU Fresno	11: Education, Graduate	1st	Jose Maldonado	N/A	Fostering Familismo: Creating Community to Support Transfer Students
CSU San Bernardino	11: Education, Graduate	2nd	Rangel Zarate	N/A	From the Lens of (In)Visibility: A Photovoice Inquiry Into How Community Colleges Can Advance Filipino/a/x American Student Resilience
CSU Fullerton	12: Education, Undergraduate and Graduate	1st	Alondra Cervantes	N/A	Latina Mother's Understanding of Common Core State Standards
Sacramento State	12: Education, Undegraduate and Graduate	2nd	Michael Turgeon	N/A	The Effect of Local Pollution Exposure on Academic Achievement in California
California Polytechnic State University, Pomona	13: Engineering and Computer Science, Undegraduate and Graduate	1st	Oliver Reynolds	Christie Jolie Carino, Erick Delgado, Nathaniel Hasal, Amparo Medina, Paula Morales	Environmental Remediation of Surface Water Bodies in California
CSU Chico	13: Engineering and Computer Science, Undegraduate and Graduate	2nd	Sam Lloyd-Harry	N/A	Effect of Temperature on the Mechanical Properties of PEDGA-Hydrogels at Various Concentrations
San Diego State University	14: Engineering and Computer Science, Graduate	1st	Scarlett Alexander	N/A	Life Cycle Assessment: Cradle-to-Grave Carbon Dioxide Emissions of BEV and PHEV
San Jose State University	14: Engineering and Computer Science, Graduate	2nd	James Guzman	Surabhi Gupta	Deep Learning in AI Medical Imaging for Stroke Diagnosis
San Francisco State University	15: Business, Economics, and Hospitality Management, Undergraduate and Graduate	1st	Daniel Dubrovsky	N/A	Markup Madness!
CSU Long Beach	15: Business, Economics, and Hospitality Management, Undergraduate and Graduate	2nd	Justin Gamoras	N/A	Application of Economic Game Theory and Nash-Q Reinforcement Learning in Studying Data Preservation Sensor Nodes
CSU Dominguez Hills	16: Health, Nutrition, and Clinical Sciences, Undergraduate and Graduate	1st	Aysa Monae Collins	N/A	The Impact of Maternal Pregnancy Complications and Prenatal Care on Infant Mortality
	16: Health, Nutrition, and Clinical Sciences, Undergraduate and Graduate	2nd	Kendall Hernandez	Sophia Winchell	Effectiveness of Attentional Focus on a Pirouette Skill in Both Novice and Skilled Dancers
San Diego State University	17: Creative Arts & Design, undergraduate and Graduate	1st	Hana Foo	N/A	Gemstone Apothecary
CSU Northridge	17: Creative Arts & Design, undergraduate and Graduate	2nd	Adam McCrory	N/A	Opera in the Time of COVID: Creating "Gianni Schicchi, An Animated Opera"
CSU Long Beach	18: Behavorial, Social Sciences, and Public Administration, Undergraduate and Graduate	1st	Kalani Lopez	N/A	Evaluating GUIDES: Results from Officer Focus Group
CSU San Marcos	18: Behavorial, Social Sciences, and Public Administration, Undergraduate and Graduate	2nd	Marielle Castaneda	N/A	Effects of Repeated Exposure to Animals in Anthropomorphic Contexts
San Francisco State University	19: Behavorial Social Sciences and Public Administration, Graduate	1st	Morgan Butler	N/A	Watching Protests Unfold: An Analysis of Visual Framing in Live Bay Area Broadcast News Coverage of Black Lives Matter Protests
CSU Chico	19: Behavorial Social Sciences and Public Administration, Graduate	2nd	Christopher Robinson	N/A	Child Welfare Social Worker Retention: The Relationship of Secondary Trauma and Pandemic Stressors
Cal State Los Angeles	20: Humanities & Letters, Graduate	1st	Katherine Lainez	N/A	The Erosion of Family Caused by 'Land Grabbing' in Honduras: Migration, Gendered Epectations, and those Left-Behind in Honduras
Sacramento State	20: Humanities & Letters, Graduate	2nd	Jie Liu	N/A	On Emily Dickinson's Use of Carnal Language to Depict Immortality
Sacramento State	21: Biological and Agricultural Sciences, Undergraduate	1st	Carson Marsch	Raman Kaur	Kismet Affects the Gut Microbiome in Drosophilia Melanogaster
San Diego State University	21: Biological and Agricultural Sciences, Undergraduate	2nd	Scott Monahan	N/A	Population Genomics of the Invasive Pink Rice Borer Moth, Sesemia Inferens
CSU Fullerton	22: Biological and Agricultural Sciences, Undergraduate	1st	Trina Miller	N/A	Talking Trash-Categorizing and Quantifying Marine Debris on the Rocky Shores of San Pedro, CA
CSU Monterey Bay	22: Biological and Agricultural Sciences, Undergraduate	2nd	Pepper St. Clair	N/A	Analysis of Antibiotic Pressure on Conjugation Efficiency of Antimicrobial Resistance Genes in E.coli
California Polytechnic State University, San Luis Obispo	23: Physical and Mathematical Sciences, Undergraduate	1st	Madeleine Goertz	N/A	The Torus of Triangles
Sacramento State	23: Physical and Mathematical Sciences, Undergraduate	2nd	Rachel Sedillos	N/A	Investigations into the First Total Synthesis of Lorneic Acid F
Cal Poly Humboldt	24: Physical and Mathematical Sciences, Undergraduate	1st	Claire Rogers	N/A	Numerical Modeling of an Active Leveling Scheme for Short-Range Tests of Gravity
Sonoma State University	24: Physical and Mathermatical Sciences, Undergraduate	2nd	Lily Harmon	Vanessa Reyes	Organic Synthesis of Carbazole Deriatives