Session 1 Behavioral and Social Sciences, Undergraduate

Yohanna Brown, CSU Long Beach
1st
The Role of Glucagon Like Peptide 1 Receptors on the Rewarding Effects of Oxytocin in Male and Female Adolescent Rats

Silas Zelny, CSU Chico
2nd
The Role of Social and Familial Closeness on Reducing Transphobia

Session 2 Behavioral and Social Sciences, Graduate

Julia Moon, San Francisco State
1st
Time and Trepidation: An Examination of Thoughts and Feelings about the Past, Present, and Future and Anxiety among Adolescents

Rosa Hunt, CSU San Marcos
2nd
Children’s Decision to Trust and Reciprocate Information: Does Accuracy Outweigh Intentionality in Children’s Reasoning?

Session 3 Biological and Agricultural Sciences, Undergraduate

Sarah Caballero, Cal Poly Pomona
1st
Impact of Protein Type and Maillard Conjugation on Nanoemulsion Formation and Stability at Isoelectric Point

Thomas Nhu, Paul Maier, Cal Poly San Luis Obispo
2nd
Inglorious Baskers: Comparative Thermoregulative Behavior of Coastal and Inland Populations of Pacific Rattlesnakes

Session 4 Biological and Agricultural Sciences, Graduate

Janam Dave, Cal Poly Pomona
1st
Efficacy of Intravenous vs. Aerosol AmBisome Therapy for Murine Pulmonary Aspergillosis

Ryan Buck, San Diego State
2nd
Interspecies Hybridization in Pinyon Pines and its Consequences on Symbiotic Ectomycorrhizal Communities

Session 5 Business, Economics and Public Administration, Undergraduate and Graduate

Brishna Nader, Cris de los Santos, CSU Monterey Bay
1st
The Role of Internal LOC in Driving Pro-Environmental Behavior in Hospitality

Sambhav Gupta, San José State
2nd
Artificially Intelligent (AI) Tutors in the Classroom: A Need Assessment Study of Designing Chatbots to Support Student Success
Session 6 Engineering and Computer Science, Undergraduate
Gerardo Maldonado, Garrison Kanazawa, Stuart Geyer, Johnathan Hai, Minna Mattis, Cal Poly Pomona
Potential Repurposing of Reverse Osmosis Concentrate for Energy Applications
Eliana Aguilar, CSU Chico
Effect of Biomass Ash and Cementitious Materials on Air Content in Concrete

Session 7 Engineering and Computer Science, Graduate
Sarah Ortega, San José State
Exploring a Hybrid Design for a Short to Medium Range Transport Aircraft
Nha Uyen Huynh, Richard Lee San Diego State
Novel In-situ Dynamic Mechanical Characterization using Terahertz Waves

Session 8 Health, Nutrition, and Clinical Sciences, Undergraduate
Jagjeet Gil, CSU Bakersfield
Increased Spatiotemporal Gait Asymmetry in Older Adults is Related to Fall Risk and Falls
Kimberly Luna, CSU Northridge
Prevalence of Non-Academic Internet Use and its Relationship to Academic Achievement and Health: Findings from a Southern California University

Session 9 Humanities and Letters, Graduate
Avery Amerson, CSU Long Beach
Wittgenstein, Extended Cognition, and the Problem of Other Minds
David Hlusak, San Francisco State
First Came the Sound

Session 10 Physical Sciences and Mathematics, Undergraduate
Vanshika Gupta, San José State
Investigating Macromolecular Structures for the Transformation of Greenhouse Gases into Liquid Fuels
Yashank Varshney, Neha Singh, CSU East Bay
What is Particle Physics?

Session 11 Physical and Mathematical Sciences, Undergraduate
Onkar Phul, Owen Roth, Stanislaus State
Characterization of Toluene o-Xylene Monoxygenase for Chlorobenzene Degradation
Gabriel Lopez, CSU San Bernardino
Self Assembling DNA Wheel Graph
Session 12 Behavioral and Social Sciences, Undergraduate
Torrey Sanseverino, Cal Poly San Luis Obispo
Utilizing Mixed Methods for Development: Engineering Water Projects

Kendra Paquette, Jessica Barragan, CSU Fullerton
When a Perpetrator Wears a Disguise: Which Lineup is Best to Test Eyewitness Memory

Session 13 Behavioral and Social Sciences, Graduate
Alyssa Dye, Stanislaus State
Paternal Perinatal Depression: Barriers to Treatment and the Influence of Social Support on Help-seeking

Yesenia Mendoza, Cal State LA
Exploring how Oncologists Communicate about Treatment

Session 14 Biological and Agricultural Sciences, Undergraduate
My Tran, San Diego State
Mechanical Injury Alters APP and BACE-1 Interaction in hiPSC-derived Neurons

Chloe Welch, Sacramento State
The Autism-Associated Chromatin Modifier, Chromodomain Helicase DNA Binding Protein 8/kismet, Affects Axon Guidance and Behavioral Phenotypes in Drosophila Melanogaster

Session 15 Biological and Agricultural Sciences, Graduate
Evelyn Bond, CSU Fullerton
The Role of Genital Papillas in the Reproductive Biology of Male Surfperches (Embiotocidae; Teleostei)

Gabriel Goff, Humboldt State
Physiological Responses of Quercus garryana to Conifer Encroachment and Removal in Northern California

Session 16 Creative Arts and Design, Undergraduate and Graduate
James Getomer, San Francisco State
Project Daybreak

David Madrid, CSU Bakersfield
Symbolism in Debussy: Tracing Debussy's Depiction of Symbolist Poetry
Session 17 Engineering and Computer Science, Graduate

Thilakraj Shivakumar, CSU Fullerton  
1st  
The Effects of Process Parameters on Mechanical Properties in Liquid Holographic Volumetric Additive Manufacturing Process

Ghanshyam Mishra, San Diego State  
2nd  
Wide Angle Beam Steering Cylindrical Parabolic Reflector with Phased Array as a Feed Source for Ku-Band Applications

Session 18 Education, Undergraduate and Graduate

Jennifer Montepeque Diaz, CSU Long Beach  
1st  
Cebolla que Hace Llorar, da Sabor a la Comida: Promoting College Enrollment for Latinas with Disabilities

Khanh Tran, San Francisco State  
2nd  
The Alma Project: Reflective Journaling to Promote Belonging and Persistence in STEM

Session 19 Health, Nutrition, and Clinical Sciences, Graduate

Victoria Smith, Cal Poly San Luis Obispo  
1st  
Western Diet-Induced Dysbiosis is Associated with Intestinal Hyperplasia and Dysregulation of FXR-FGF19 Gene Expression in Juvenile Iberian Pigs

Cathryn McCandless, Sacramento State  
2nd  
Therapeutic Intervention for a 3-Year-Old Girl with Cask Genetic Disorder

Session 20 Humanities and Letters, Undergraduate and Graduate

Scott Thiele, San Diego State  
1st  
A Gendered Perspective of the Actions of Formerly Enslaved Men and Women in the American South in the 1860s

Jaedyn Baker, CSU Dominguez Hills  
2nd  
Unchecked Curiosity and "Masculine" Science: Foes of a Domestic Eden in Mary Shelley's Frankenstein (1831)

Session 21 Interdisciplinary, Undergraduate and Graduate

Margaret Stack, San Diego State  
1st  
Assessing the Distribution and Impact of Marine Endocrine Disrupting Compounds in the Critically Endangered California Condor and Marine Mammals

Moiz Mir, Sacramento State  
2nd  
Companion Planting as an Understory Restoration Strategy Along the American River
Session 22 Physical and Mathematical Sciences, Graduate

Brandon Van Over, San Francisco State  
On Arithmetical Numerical Monoids with Some Generators Omitted

Phillippe Ly, Codi Pace, CSU Long Beach  
Rapid Enantiomer Ratio Determination of P-Chiral Compounds with Eu(hfc)3