3-Minute Thesis Award

Niveditha Ramadoss

Prickly Challenge to the Dead End Hypothesis from Native Cactus Cylindropuntia

Mentor: Lluvia Flores-Renteria

Sciences
3-Minute Thesis Award

Jocelyn Smith

Exploring the Knowledge and Attitudes of Emerging Health and Human Service Professionals Regarding Sexuality and Older Adults

Mentor: Megan Ebor

Health and Human Services
Arts Alive Award

Emily Deskin & Julia Elbert

Here With You

Mentor: Leslie Seiters
Professional Studies and Fine Arts
Arts Exhibit Award

Kieran Gomez-Rodriguez

No More Brownfields: Branding for Community Outreach

Mentor: Gary Benzel

Professional Studies and Fine Arts
Dean's Award: Business

Arvin Domier & Talia Finburgh

Investigating Power Loss and Its Impact on Disadvantaged Communities

Mentor: John McMillan
Fowler College of Business
Dean's Award: Business

Brenna Barnes, Angelina Thomas, Chuck Thompson & Isis Sylve

Why are Black Women in Sports Perceived Badly in The Media?

Mentor: Rachael Stewart
Fowler College of Business
Dean’s Award: Arts and Letters

Jorge Arana

Cognitive Approaches to Literature

Mentor: Jeanette Shumaker

Arts and Letters
Dean’s Award: Arts and Letters

Brenna Fowler

Utilizing Ultra-High Spatial Resolution Drone Imagery And Satellite Spectral Vegetation Indices (SVI) To Study Payments For Ecosystem Services (PES) Zones In Chitwan, Nepal

Mentor: Douglas Stow

Arts and Letters
Dean’s Award: Education

Alexis Hernandez

105 Miles from Home: Unveiling Operation Pedro Pan in a One-Act Play

Mentor: Katie Turner

Education
Dean’s Award: Education

Elizabeth Nguyen

Incorporating Culturally Relevant Pedagogy in Chemistry to Promote Success for Women of Color in STEM

Mentor: Dr. Felisha Herrera Villareal

Education
Dean’s Award: Engineering

Glorya Escobar

Assessing the Capabilities of a Real-time, Portable Fluorometer to Track Sewage Inputs in Urban Creeks

Mentor: Natalie Mladenov

Engineering
Dean’s Award: Engineering

Ella Knight

Marine Debris from River Margins: Wet and Dry Weathering Effects on the Fragmentation and Degradation of Discarded Plastic

Mentor: Natalie Mladenov

Engineering
Dean’s Award: Health & Human Services

Elora Shakoor

Aquatic Toxicological Assessment of Electronic Tobacco Products: Hazardous to California Wildlife

**Mentor:** Karilyn Sant

Health and Human Services
Dean’s Award: Health & Human Services

Alana Lopez
Assessing The Role Of Social Support As A Buffer Against Bias-Based Bullying And Depressive Symptoms Among Latinx Adolescents

Mentor: Jennifer Felner
Health and Human Services
Dean’s Award: Imperial Valley Campus

Julio Aguilar, Emilia Alcala, Camila Castro-Garcia, & Karla Miramontes Castro

Navigating Cancer Care at the US-Mexico Border

Mentor: Linda Abarbanell
SDSU Imperial Valley
Dean’s Award: Imperial Valley Campus

Sabine Ruiz

Book Talk: My Brilliant Friend

Mentor: Jeanette Shumaker

SDSU Imperial Valley
Dean’s Award: Professional Studies & Fine Arts

Sydney Stafford

Why Does Gender Matter? Student Perspectives on Leadership

Mentor: Tiffany Dykstra-Devette

Professional Studies and Fine Arts
Dean’s Award: Professional Studies & Fine Arts

Allison Gennette

Buying Was So Last Season: Persuasive Effects Of De-Influencers Versus Influencers On Purchase Intentions

Mentor: Alanna Peebles

Professional Studies and Fine Arts
Dean’s Award: Sciences

Megan Keene

Unveiling the Role of ID1-4 proteins in Cancer Stem-Like Cell Maintenance and Contribution to Ovarian Cancer Recurrence Following Chemotherapy

Mentor: Carrie House

Sciences
Dean’s Award: Sciences

Omar Lujano Olazaba

The TWEAK-Fn14-NF-κB Signaling Axis Enhances Expression Of Integrin αVβ3 in a Post-Chemotherapy Tumor Microenvironment

Mentor: Carrie House

Sciences
Graduate Research Excellence Award

Anil Singh

Mechanical Properties of Additively Manufactured Fiber-Reinforced Composites

Mentor: George Youssef

Engineering
Graduate Research Excellence Award

Brandon Huffman

Material Hybridization for Tunable Performance of 3D Printed Lattice Structures

Mentor: George Youssef

Engineering
Graduate Research Excellence Award

Ahmad Abushanab, Paulette Suro, Neharika Ravichandran & Saja Sinnawi

A Novel Approach in Diabetes Management: The Development and Clinical Implications of a MEMS Cuff Electrode for Vagus Nerve Stimulation

Mentor: Sam Kassegne
Engineering
Graduate Research Excellence Award

Karina Cerda

Tri-Trophic Interaction: Two Fungi And A Pine Tree

Mentor: Lluvia Flores-Renteria

Sciences
Graduate Research Excellence Award

Tamsen Dunn
Hunting For Genomic Fossils: Inferring The Characteristics Of Ancient Polyploidization Events From Modern Plant Genomes

Mentor: Arun Sethuraman

Sciences
Graduate Research Excellence Award

Anurima Saha

Predicting Crime Resolution in Los Angeles

Mentor: Ming Tsou

Arts and Letters
HSI Award

Aurora Valdez De La Torre

Fear Embodied: Transforming Temor into Resistance Along the Borderlands

Mentor: Irene Lara

Arts and Letters
HSI Award

Marian Carbajal

The Increase in Mother-Daughter Closeness After Participation in the Conmigo Program: An Intervention Program for Latina Mothers and Daughters

Mentor: Elva Arredondo

Sciences
Library Award

Grace Dearborn

E.C. and the Nuclear Unit: What a Difference a Code Makes!

Mentor: Elizabeth Pollard

Arts and Letters
Library Award

Darya Ardehali

Indigenous Art for Perspective

Mentor: Desmond Hassing

Arts and Letters
Library Award

Jocelyn Smith

Exploring the Knowledge and Attitudes of Emerging Health and Human Service Professionals Regarding Sexuality and Older Adults

Mentor: Megan Ebor

Health and Human Services
Library Award

Kylie Macias

Smell-Based Wearable and Portable Devices in Health Improvement - A Scoping Review

Mentor: Surabhi Bhutani

Sciences
Library Award

David Neuhausler

Prediction of Delisting using a Machine Learning Ensemble

Mentor: Juanjuan Fan

Sciences
Outstanding Creative and Performing Arts Award

Alyssa Moreno

Entremedio / In-between

Mentor: Jess Humphrey

Professional Studies and Fine Arts
Charles Wei-Hsun Fu Foundation Philosophy Award

Chiara Malvestiti

The Hypocrisy of the Homo Economicus: Surveillance Capitalism and Law of Profit

Mentor: Tawny Whaley

Arts and Letters
President's Award

Belen Rashidi & Elena Miller

Stigmatization of Public Housing: A Sociological Exploration of the Frontier Housing Project

Mentor: Charlene Holkenbrink-Monk
Arts and Letters
President's Award

Victoria Rietz

Examining the Interaction Between Teachers and their Students in Head Start Classrooms

Mentor: Wendy Ochoa

Education
President's Award

Trinity Magdalena-Weary

Analysis of Dry and Wet Weathered Plastic Marine Debris using Scanning Electron Microscopy

Mentor: Natalie Mladenov

Engineering
President's Award

Erica Axtell, McKenna Lee, Laura Fitzgerald & Jessica Kramer

Cross-Linguistic Interactions in Bilinguals During Word Retrieval: A Cognate and Noncognate Production Study

Mentor: Henrike Blumenfeld
Health and Human Services
President's Award

Sierra Aguilar & Katie Williams

Evening Chronotypes are at Higher Risk of High Sugar Consumption due to Greater Sweet Taste Preference

Mentor: Surabhi Bhutani
Health and Human Services
President's Award

Crystal Choi

Making Art Museums More Accessible: The Laguna Art Museum, A Case Study

Mentor: Gillian Sneed

Professional Studies and Fine Arts
President's Award

Annika Wong

Exploring Student-to-Student Confirmation, Communication Apprehension, and Academic Self-Efficacy in (Post) Carceral Education

Mentor: Tiffany Dykstra-DeVette

Professional Studies and Fine Arts
President's Award

Meghen Bishop

Effects of Postnatal Choline Supplementation on Lipid Profiles and Liver Function Markers in Alcohol-Exposed Sprague Dawley Rats

Mentor: Meeyoung Hong

Sciences
President's Award

Sofia Howe

The Role Of Obese Preadipocytes In The Ovarian Cancer Tumor Microenvironment

Mentor: Carrie House

Sciences
President's Award for the Arts

Chasley Schoettle

Dancing Beyond Boundaries

Mentor: Jess Humphrey

Professional Studies and Fine Arts
Provost's Award: Arts and Letters

Fernanda Carrillo

Empowering Women's Well-Being: A Comprehensive Approach to Social Health Disparities

Mentor: Dr. Gabriela Fernandez

Arts and Letters
Provost's Award: Arts and Letters

Elizabeth Bushnell

Shrinking Coastlines: Use of Uncrewed Aerial Systems to Map and Monitor Rocky Intertidal Habitats

Mentor: Doug Stow

Arts and Letters
Provost's Award: Business

Ayoob Abed

Why Does California Need to Lower its Taxes?

**Mentor:** Eddy Benton

*Fowler College of Business*
Provost's Award: Business

Alyssa Yearick & Phillip Scott

Bridging the Gap Between Engineering and Society: Communicating Earthquake Risk via Media

Mentor: Gloria Faraone
Fowler College of Business
Provost's Award: Education

Rose Anh Ngoc Do

Supporting Emergent Multilingual Learners' Informal Science Education Experience

Mentor: Tamara Collins-Parks

Education
Provost's Award: Education

Lucyann Atkins, Nikki Lane, Elvan Guzman & Ayda Akkoyun

Caregiving History and Attachment State of Mind in Foster Caregivers

Mentor: Teresa Lind

Education
Provost's Award: Engineering

Shiloh Bolden

Removal of Sulfamethoxazole with a Novel Modified Anaerobic Baffled Reactor

Mentor: Natalie Mladenov
Engineering
Provost's Award: Engineering

Alexandra Grant

In The Tijuana River Estuary, How Do Rates Of Fecal Indicator Bacteria Reduction From The Border To The Estuary Compare To The Degradation Rates Of Other Wastewater Surrogates?

**Mentor:** Natalie Mladenov

Engineering
Provost's Award: Health & Human Services

Samantha Suess & Alice Xayavong

Exploring Secondhand Exposure to Vaping: A Dyad Study Using Wristband Nicotine and Urinary Cotinine

Mentor: Eyal Oren
Health and Human Services
Provost's Award: Health & Human Services

Kevin Nugent

A Review Of Registered Breast Cancer Clinical Trials and Mortality Using The Surveillance, Epidemiology, and End Results (SEER) Program from 2006-2020

Mentor: Humberto Parada

Health and Human Services
Provost's Award: Professional Studies & Fine Arts

Jose Ramos Alonso & Hannah Cecilio

Life is Just a Bowl of Post-Racialism: The Black Discourse of Julia

Mentor: Brie Iatarola
Professional Studies and Fine Arts
Provost's Award: Professional Studies & Fine Arts

Kerry Soori McEachern

Tranquil Hub: Crafting Calm in Contemporary Design

Mentor: Arzu Ozkal

Professional Studies and Fine Arts
Provost's Award: Sciences

Noemi Garcia Rodriguez

Investigating the Effects of Family Structure on Early Language Acquisition

Mentor: Margaret Friend

Sciences
Provost's Award: Sciences

Priyanshi Shah

A Machine Learning Approach to Predicting Tumor Status through Telomere Length Variation (TLV) Analysis

Mentor: Arun Sethuraman

Sciences
Provost’s Award: Imperial Valley Campus

Malia Huff & Lauren Johnston

Engaging Nursing Students in Service Learning to Understand Rural Communities

Mentor: Shiloh Williams
SDSU Imperial Valley
Research Award for Diversity, Inclusion and Social Justice

Shaye Phung

Critical Analysis of an Undergraduate Minor: Curriculum Alignment for the Multicultural Learning And Working Environment

Mentor: Liz Buffington

Education
Research Award for Diversity, Inclusion and Social Justice

John William Edwards, III

“My Barber is Like a Therapist”: The Influence of Trauma-Informed Advocacy on Psychological Openness and Help-Seeking Behaviors Among African American Males During a Barber Visit

Mentor: Megan Ebor

Health and Human Services
Research Award for Diversity, Inclusion and Social Justice

Chris Rodriguez

Hearing Loss in U.S. / Mexico Border Farmworkers

Mentor: Laura Coco

Health and Human Services
Research Award for Diversity, Inclusion and Social Justice

James Marsh, Anna Nguyen, Garen Vehouni & Chloe Salazar

The Impact of Spatial Skills in a Mid-Major Computer Science Course

Mentor: Miranda Parker
Sciences
Research Award for Diversity, Inclusion and Social Justice

Jenna Luc

Identifying The Mode Of Microbial Origin Of Black Spot Disease In Sea Urchin Lytechinus pictus

Mentor: Catherine Schrankel

Sciences
Summer Undergraduate Research Program (SURP) Award

Mena Shammmas

Understanding the Effects of Chemotherapy on a Fibroblast Cell-Derived Matrix

**Mentor:** Carrie House

*Sciences*
Summer Undergraduate Research Program (SURP) Award

Alexi Olney

Investigating the Environmental Fate of Marine Debris: Insights from Outdoor Exposure Experiments and Tumbling Simulations

Mentor: Natalie Mladenov

Sciences
Sustainability Award

Kristine Bernabe & Liliana Torres

Soil Temperature Profile Exploration of Thermokarst Features

Mentor: Donatella Zona
Sciences
Undergraduate Research Excellence Award

Allison Gallant

Fighting For Gaza: Assessing Student Mobilization Movements and Shifting Foreign Policy Perspectives

Mentor: Jonathan Graubart

Arts and Letters
Undergraduate Research Excellence Award

Mia Quintana

The Role of Mothers in Preadolescent Latinas’ Health and Eating Behaviors

Mentor: Elva Arredondo

Arts and Letters
Undergraduate Research Excellence Award

Magdalen Acker & Tiana Weeks

Over-the-Counter Hearing Aids: How User-Friendly Are They?

Mentor: Laura Coco
Health and Human Services
Undergraduate Research Excellence Award

Elizabeth Brownlee, Kathryn Avila & Ava Guerra

Investigating Processing Speed in Aphasia

**Mentor:** JoAnn Silkes

*Health and Human Services*
Undergraduate Research Excellence Award

Alicia Linsky, Noelle Abbott & Brianna O’Boyle

The Relationship between Cerebral Blood Flow and Language Impairment in Developmental Language Disorder

Mentor: Tracy Love
Health and Human Services
Undergraduate Research Excellence Award

Mikaela García

Concussion Care Seeking Intentions and Behavior Does Not Differ Between Ethnicities in Collegiate Athletes

Mentor: Michelle Weber Rawlins
Health and Human Services
Undergraduate Research Excellence Award

Noelle Villegas, Abbie Brandt & Alishba Chaudhary

Semantic Abilities in Children and the Effects of SES

Mentor: Alyson Abel
Health and Human Services
Undergraduate Research Excellence Award

Tanner Kocher

Quantum Algorithm for Resolving the Prisoner's Dilemma via Nash Equilibrium

Mentor: Krishna Murthy Kattiyan Ramamoorthy

Sciences
Undergraduate Research Excellence Award

MariaIsabel Gutierrez Miller

Examining Autistic Adults’ Driving Skills and Needs Through Driving Simulator Sessions

Mentor: Mary Baker-Ericzén

Sciences
Undergraduate Research Excellence Award

Molly Hedin

An Ab Initio Investigation of the Energetic Properties of HC3O Radicals

Mentor: Andrew Cooksy

Sciences
Undergraduate Research Excellence Award

Cameron Schilling

More than Soil: Digging Deeper Into the Relationships of Space, Equity, and Policy of Urban Agriculture in San Diego, CA

Mentor: Pascale Joassart-Marcelli

Sciences
Undergraduate Research Excellence Award

Oscar Lopez

Thirdhand Smoke in Homes: Fate, Characterization, and Remediation

Mentor: Nicolas Lopez-Galvez

Sciences
Undergraduate Research Excellence Award

Connor Allain & Travis Johnson

Seed Depth Limits Emergence Of An Invasive Shrub In Southern California

Mentor: Nicholas Barber
Sciences
Undergraduate Research Excellence Award

Melisa Gonzalez

Pandemic-Related Disruptions to Childcare and English-Spanish Bilingual Language Acquisition

Mentor: Margaret Friend

Sciences
Undergraduate Research Excellence Award

Camille Movafagian

Determining Cloning in Native Succulent Population

Mentor: Lluvia Flores-Renteria
Sciences
Undergraduate Research Excellence Award

Christina Vialva

Designing Research Diets Using USDA Food Composition Tables and ICP-OES

Mentor: Connie Weaver

Sciences
Undergraduate Research Excellence Award

Maria Christina Huerta-Avila


Mentor: Georg Matt

Sciences
Undergraduate Research Excellence Award

Paul Kauvaka

Tensile Behavior of Density-Graded Polyurea Elastomeric Foams

Mentor: George Youssef

Engineering
Undergraduate Research Excellence Award

Ansel Flanagan

Characterization of 3D Printed Fiber-Reinforced Composites

**Mentor:** George Youssef

Engineering
Undergraduate Research Excellence Award

Ryan Spaulding

Fluorescence Spectroscopy: A Rapid, Cost-Effective Method of Photo-Resistance Determination

Mentor: Natalie Mladenov

Engineering
Women in Engineering Award 1st Place

Celia Rufo Martin

Multi-Faceted Mechanics Analysis of Novel Auxetic Meta-Structures

Mentor: George Youssef

Engineering
Women in Engineering Award 2nd Place

Maryam Ghorbani
Effects Of Physical Properties and Binder Chemistry on Mechanical Behaviour, and Biocompatibility of Hydroxyapatite Bioceramic Scaffolds Using Binder Jet 3D Printing

Mentor: Elisa Torresani

Engineering
Women in Engineering Award 3rd Place

Ramya Chandrasekaran

Surface and Subsurface Flows in Different Wildfire-Affected Landscapes

Mentor: Alicia Kinoshita

Engineering
Research, Scholarship and Creative Activities Graduate Mentor Award

Eve Kornfeld

Arts & Letters
Research, Scholarship and Creative Activities Graduate Mentor Award

Karilyn E. Sant

Health & Human Services
Research, Scholarship and Creative Activities Undergraduate Mentor Award

Marta Miletić

Engineering