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SDSU
STUDENT
SYMPOSIUM



San Diego State
University

Research, Scholarship and Creative Activities Graduate Mentor Awards

Audrey Beck

Arts and Letters



San Diego State
University

Research, Scholarship and Creative Activities Graduate Mentor Awards

Sam Kassegne

Engineering



San Diego State
University

Research, Scholarship and Creative Activities Undergraduate Mentor Awards

Christal Sohl

Sciences



San Diego State
University

Research, Scholarship and Creative Activities Undergraduate Mentor Awards

Shawn O'Connor

Health and Human Services



San Diego State
University

SDSU Grad Slam (3-minute Thesis) Award

Mary Gowen

Decentering Social Norms: Neurodivergent Resistance in Art

Mentor: Gillian Sneed

Professional Studies and Fine Arts



San Diego State
University

SDSU Grad Slam (3-minute Thesis) Award

Chris Rodriguez

Over-the-Counter Hearing Aid Management and Technology
Familiarity

Mentor: Laura Coco

College of Health and Human Services



San Diego State
University

Undergraduate Research Excellence Award

Alexandria Dunkhase

Europa Clipper: Application of Artificial Neural Networks for
Identifying Thermal Ion Compositions in Europa's Plasma
Environment

Mentor: Michael Stevens

Sciences



San Diego State
University

Undergraduate Research Excellence Award

Elena Enriquez

Soleil Madonia

Promoting STEM engagement in Latina Communities Through
Elementary and High School Outreach Activities

Mentor: Stephanie Ries-Cornou
Health and Human Services



San Diego State
University

Undergraduate Research Excellence Award

Jaime Antoshak

Leyla Galindo

Ainsley Jennieve Perez

When words collide: An eye-tracking study examining the impact of top-down and bottom-up input during bilingual picture-word matching

Mentor: Henrike Blumenfeld

Arts and Letters



San Diego State
University

Undergraduate Research Excellence Award

Ava Halkola

Selin Childs

Extraterrestrial Farming: Assessing the Effects of Perlite and Gypsum Amendments on Lunar and Martian Regolith Hydraulic Properties, and Alfalfa Plant Growth

Mentor: Marta Miletic
Engineering



San Diego State
University

Undergraduate Research Excellence Award

Angelica Castillo

Reclaiming Personhood Through Participatory Art: An
Analysis of Yoko Ono and Adrian Piper's Works

Mentor: Eunice Uhm

Professional Studies and Fine Arts



San Diego State
University

Undergraduate Research Excellence Award

Stephania Uribe Garcia

Rasquachismo: Leveraging the Resourcefulness of First Generation Latino Parents and their Contributions to their Children's Wellbeing

Mentor: Wendy Ochoa

Education



San Diego State
University

Undergraduate Research Excellence Award

Linda Diaz

Maria Gil

Evelyn Suarez

Voices for Change: Three Case Studies Exploring Limitations in
Cancer Care in the Imperial Valley, CA

Mentor: Linda Abarbanell
SDSU Imperial Valley



San Diego State
University

Undergraduate Research Excellence Award

Justin Deppiesse

Inclusion of Generative Artificial Intelligence Policies in Undergraduate Accounting Syllabi: A Systematic Review

Mentor: Aner Zhou

Fowler College of Business



San Diego State
University

Undergraduate Research Excellence Award

Amanda Williams

Knee Brace-Associated Improvements in Walking Kinematics
Among Knee Osteoarthritis Patients

Mentor: Shawn Oconnor

Health and Human Services



San Diego State
University

Undergraduate Research Excellence Award

Josselyn Jacobo

Structural insights of isocitrate dehydrogenase 1 derived
from the É'-10 helix

Mentor: Christal Sohl

Sciences



San Diego State
University

Dean's Award: Arts and Letters

Siddharth Suresh Babu

Mapping Public Sentiment: A Data-Driven Analysis of
Covid-19 Discourse on Social Media in Italy

Mentor: Gabriela Fernandez

Arts and Letters



San Diego State
University

Dean's Award: Arts and Letters

Emma Puckett

AI and the Student Experience: Gender Perceptions and
Student Fears in AI Platforms

Mentor: Elisa Sobo

Arts and Letters



San Diego State
University

Dean's Award: Education

Tasnim Alsidnawi

The Brightness of Education and UDL (Universal Design for Learning) to Better the Academic Experience of Newcomers

Mentor: Tamara Collins

Education



San Diego State
University

Dean's Award: Education

Wendy Verbyla

The impact of ethnicity and preferred language on parent engagement in parent coaching interventions for toddlers with or at risk of Autism.

Mentor: Jessica Suhrheinrich

Education



San Diego State
University

Dean's Award: Engineering

Praneel Singla

Investigating Transition Temperature and Aggregation of
Elastin-Like Polypeptides for Enhanced Scaffold Design in Tissue
Engineering

Mentor: Sara Adibi

Engineering



San Diego State
University

Dean's Award: Engineering

Alek Zhang

Prince Jed Catacutan

Evaluation of Biopolymer-Amended Soils for Sustainable and Climate-Resilient Infrastructure: Mechanical Properties, Durability, and Recycling Potential

Mentor: Marta Miletic
Engineering



San Diego State
University

Dean's Award: Business

Daniel Diner

Board Composition of Closed-End Funds

Mentor: Liang Ma

Fowler College of Business



San Diego State
University

Dean's Award: Business

Avery Kryger

Fear Campus mapping

Mentor: Bruce Appleyard

Fowler College of Business



San Diego State
University

Dean's Award: Health & Human Services

Kara Howard

The Association Between Precipitation Shifts and Autumn
Coccidioidomycosis Prevalence in San Diego County Regions
from 2004 to 2023

Mentor: Richard Shaffer

Health and Human Services

Dean's Award: Health & Human Services

Mia Gault

Evaluation of Urinary Biomarkers Linked to Acute Kidney Injury in Firefighters Exposed to Occupational Hazards

Mentor: Nicolas Lopez Galvez

Health and Human Services



San Diego State
University

Dean's Award: Professional Studies & Fine Arts

Olivia Parisette

Examination of Racial and Ethnic Differences in Injuries
Sustained Due to Use of Police Force in San Diego County

Mentor: Timothy Brown

Professional Studies and Fine Arts



San Diego State
University

Dean's Award: Professional Studies & Fine Arts

Andrew Ginzel

In My Ears and In My Eyes: Hauntology and Post War
Dreams in "Penny Lane"

Mentor: Eric Smigel

Professional Studies and Fine Arts



San Diego State
University

Dean's Award: Sciences

Dorsa Naderpour

Prenatal CBD Exposure Impairs Spatial Memory in a
Sex-Dependent Manner

Mentor: Jennifer Thomas

Sciences



San Diego State
University

Dean's Award: Sciences

Emily Rodriguez

Assessing the role of obesity in ovarian tumor metastasis

Mentor: Carrie House

Sciences



San Diego State
University

Dean's Award: Imperial Valley Campus

Bryan Alexander

Examining the cultural and structural factors that Mr. Chacon faced while living in the rural area of Imperial Valley

Mentor: Linda Abarbanell

SDSU Imperial Valley



San Diego State
University

Dean's Award: Imperial Valley Campus

Neyda Hernandez

Adrian Guzman

Perla Soto-Urzua

Alexia Reyes

A Photovoice Collaborative Autoethnography: Exploring Transfronterizx College Students'™ Intersections of Gender and Sense of Belonging at the Imperial Valley-Mexicali Borderlands

Mentor: Vannessa Falcon Orta
SDSU Imperial Valley



San Diego State
University

Library Award

Sudha Singh

A Program Evaluation of SDSU's Health Expo

Mentor: Heather Corliss

Health and Human Services



San Diego State
University

Library Award

Claudia Pruitt

Transformative Teaching: Mentoring Preservice Secondary
Math Teachers in Trauma-Informed Pedagogy

Mentor: Kathleen Schenkel

Education



San Diego State
University

Library Award

Jamey O'Neill

CarD-T: An Automated Pipeline for the Nomination and
Analysis of Probable Human Carcinogens

Mentor: Parag Katira

Engineering



San Diego State
University

Library Award

Arwa Alkhawaja

Velia Huerta

Examining the Impact of Racial Trauma on Mental Health in Minority Youth: A
Quantitative Study on Racial Stress and Psychological Well-Being

Mentor: Aaron Iffland
Education



San Diego State
University

Library Award

Leticia Camacho

En Busca de Provecho: Exploring the Relationship Between
Food Deserts and Gestational Diabetes Mellitus Among
Latinas

Mentor: Gretchen Bandoli

Health and Human Services



San Diego State
University

Food Insecurity Awareness & Solutions Awards - Oral

Oswaldo Napoles Robledo

Resilience and Community Building among Street Food
Vendors: A Foodscape Case Study of the City of San Diego

Mentor: Fernando Bosco

Arts and Letters



San Diego State
University

Food Insecurity Awareness & Solutions Awards - Poster

Stacey Lehrer

Vital Tidal: An Affordable Meal Replacement to Address Food Insecurity and Nutrient Deficiency in Southern California'

Mentor: Changqi Liu

Health and Human Services



San Diego State
University

Sustainability Award

Tamsen Dunn

Deciphering the Polyploid Ks Histogram with Forward Time
Simulations

Mentor: Arun Sethuraman

Sciences



San Diego State
University

Summer Undergraduate Research Program (SURP) Award

Savana Hampton

Prenatal Cannabidiol Exposure Alters Emotion-Related
Behavior

Mentor: Jennifer Thomas

Sciences



San Diego State
University

Summer Undergraduate Research Program (SURP) Award

Charlize Chu

The Impact of Asylum-Deterrence Policies and Other Socio-Structural
Factors on Sexual and Reproductive Health Outcomes for
Asylum-seeking women in Transit to the United States: A Systematic
Review

Mentor: Shira Goldenberg

Health and Human Services



San Diego State
University

Outstanding Creative and Performing Arts Award

Sean Burt

Code Red

Mentor: Jessica McGaugh

Professional Studies and Fine Arts



San Diego State
University

Arts Exhibit Award

Mary Gowen

Decentering Social Norms: Neurodivergent Resistance in Art

Mentor: Gillian Sneed

Professional Studies and Fine Arts



San Diego State
University

Arts Alive Award

Rebecca Murillo

Someone tell the story "American School Shooting Culture;
The Missing Perspective from Modern Day Productions of
Stephen Sondheims Assassins

Mentor: Rob Meffe

Professional Studies and Fine Arts



San Diego State
University

Hispanic Serving Institution Award

Colten Mouzin

Brianna Angel

Noise-Induced Hearing Loss in Latino Farmworkers

Mentor: Laura Coco
Health and Human Services



San Diego State
University

Hispanic Serving Institution Award

Fernanda Carrillo

The Chiara Project Dashboard: Empowering Women and Addressing Health Inequalities at the US-Mexico Border

Mentor: Gabriela Fernandez

Arts and Letters



San Diego State
University

Research Award for Diversity, Inclusion and Social Justice

Cleo Spencer

Anti-Trans Abuse in Intimate Partner Violence and Its Impact
on Transgender and Nonbinary Health

Mentor: Erik Storholm

Health and Human Services



San Diego State
University

Research Award for Diversity, Inclusion and Social Justice

Irish Rhea Edusada

Exploring the Relationship Between Socialization and Substance
Use Among Youth Experiencing Homelessness (YEH)

Mentor: Jennifer Felner

Health and Human Services



San Diego State
University

Research Award for Diversity, Inclusion and Social Justice

Giovanna Arantes de Oliveira Campos

Cerebellar white matter tracts in young children with autism
spectrum disorder

Mentor: Inna Fishman

Sciences



San Diego State
University

Research Award for Diversity, Inclusion and Social Justice

Timothaus Haddad
Sofia Biddle
Elena McCann

Exploring the role of ABC Transporters in the development of stem cells for future
egg and sperm

Mentor: Catherine Schrankel
Sciences



San Diego State
University

Research Award for Diversity, Inclusion and Social Justice

Amy Zarate

Am I Being Served : A Critical Autoethnography by a Latina
Transfer Student at a Hispanic Serving Institution

Mentor: Marissa Vasquez

Arts and Letters



San Diego State
University

Women in Engineering Award 1st Place

Mia Pollasky

Investigating the Photodegradation of Organic and
Fluorescent Contaminants in Wastewater and Its Impact on
Human Fecal Indicator Bacteria

Mentor: Natalie Mladenov

Engineering



San Diego State
University

Women in Engineering Award 2nd Place

Katie Naretto

Jessica Munoz

Ali Awarke

Erik Gamez

Daniel Butron

Glassy carbon BioFETS: Employing transistor technology for bio-analyte detection

Mentor: Samuel Kassegne
Engineering

Women in Engineering Award 3rd Place

Emily Sok

Traumatic Brain Injury (TBI) and its Progression to Neurodegeneration Using Cortical Brain Organoids Derived From Human Induced Pluripotent Stem Cells (hiPSC).

Mentor: Ester Kwon

Engineering



San Diego State
University

Charles Wei-Hsun Fu Foundation Philosophy Awards

Maximus Miesner

Come and Get These Memories: Motown Records, Detroit &
the American Dream in the Postwar Era

Mentor: Eve Kornfeld

Arts and Letters



San Diego State
University

SDSU VISTA Student Presentation Award

Walter Thomas

Facts are Facts: "A Better Way to Lower Recidivism"

Mentor: Tereza Trejbalova

SDSU Valuing Incarcerated Scholars Through Academia



San Diego State
University

SDSU VISTA Student Presentation Award

Phillip Christianson

The Art of Rehabilitation

Mentor: Tereza Trejbalova

SDSU Valuing Incarcerated Scholars Through Academia



San Diego State
University

Provost's Award: Arts and Letters

Vanessa Castro
Kimberly Garcia

Linguistic Attitudes and Perceptions of Indigenous Languages Among Students
and Professors at a private University in , Oaxaca City

Mentor: Lauren Schmidt
Arts and Letters



San Diego State
University

Provost's Award: Arts and Letters

Nathan Rosenthal

Disparities in Social Security and Medicaid Program
Participation among Same-sex vs Different-sex Couples:
Evidence from COVID-19 Pandemic Shocks

Mentor: Joseph Sabia

Arts and Letters



San Diego State
University

Provost's Award: Education

Shaye Phung

Cultural Competency Preparedness-Student Readiness for
Self-Actualization as an Undergraduate

Mentor: Liz Buffington

Education



San Diego State
University

Provost's Award: Education

Leslie Castillo Lopez

Best Second Language Acquisition Practices: An Intersection
Between Visual Art and Second Language Development

Mentor: Sera Hernandez

Education



San Diego State
University

Provost's Award: Engineering

Zackary Skinner

3d Printing Martian Soil using Selective Laser Melting

Mentor: Eugene Olevsky

Engineering



San Diego State
University

Provost's Award: Engineering

Jesse Hurtado

Alvarado Creek: Time Series Analysis of High-Frequency
Fluorescence Spectroscopy Data in Urban Water Systems

Mentor: Natalie Mladenov

Engineering



San Diego State
University

Provost's Award: Business

Rosabel Ibrahim

AI and the Student Experience: How Advertisements Are Promoting AI-Powered Educational Services to Target the Student Market.

Mentor: Elisa Sobo

Fowler College of Business



San Diego State
University

Provost's Award: Business

Jahaziel Sanchez

The Role of Mentoring in a Community College
Undergraduate Research Program

Mentor: Marissa Vasquez

Fowler College of Business



San Diego State
University

Provost's Award: Health & Human Services

Raina Davis

Confronting Prejudiced Responses (CPR): Addressing
Implicit Biases and Disparities in Cardiac Arrest Survival for
Women and People of Color

Mentor: Jennifer Felner

Health and Human Services



San Diego State
University

Provost's Award: Health & Human Services

Emma Johnson

Odor nudging promotes short term weight loss

Mentor: Surabhi Bhutani

Health and Human Services



San Diego State
University

Provost's Award: Professional Studies & Fine Arts

Sophia Simmons

Hits That Make You Make You Hit Harder: Roller Derby and
Musical Identity

Mentor: Eric Smigel

Professional Studies and Fine Arts



San Diego State
University

Provost's Award: Professional Studies & Fine Arts

Tamarra Sylber

A New Brain: From Sketch to Stage, How's it Made?

Mentor: Brian McVicker

Professional Studies and Fine Arts



San Diego State
University

Provost's Award: Sciences

Angelica Tharpe

Exploring Implicit Bias and Political Participation Among
Asian Americans: The Impact of Group Efficacy,
Self-Assertion, and Model Minority Theories

Mentor: Thierry Devos

Sciences



San Diego State
University

Provost's Award: Sciences

Darius Hyde

Purification and site-directed mutagenesis within the IDH2
enzyme

Mentor: Christal Sohl

Sciences



San Diego State
University

Provost's Award: Imperial Valley Campus

Emily Figueroa Salazar

Klarissa Martinez

Evelyn Suarez

The Right to Stay Cool: Coping with Extreme Heat in the Imperial Valley

Mentor: Erika Robb Larkins
SDSU Imperial Valley



San Diego State
University

Provost's Award: Imperial Valley Campus

Ana Tolentino

Christine Valadez

Karina Lopez

Antonio Romo

Structural Barriers in Cancer Care Within the U.S-Mexico Border

Mentor: Linda Abarbanell
SDSU Imperial Valley



San Diego State
University

President's Award

Andres Reyna

Bosque Urbano De Las Californias: A Transnational Urban
Forest In Urban Mediterranean North America

Mentor: Amy Quandt

Arts and Letters



San Diego State
University

President's Award

Esperanza Ochoa

Reality of Parental Involvement in Secondary Education in
Mathematics Education In Two Local Schools Serving
Minoritized Communities: Charter and Public

Mentor: William Zahner

Education



San Diego State
University

President's Award

Eric Wilkinson

Properties of Cellulose Acetate Extracted from Littered
Cigarette Filters

Mentor: George Youssef

Engineering



San Diego State
University

President's Award

Shreya Patil

The Influence of AI on Education in Spain Compared to the
United States

Mentor: Mei Zhong

Fowler College of Business



San Diego State
University

President's Award

Samantha Sidline

Between Violence and Resilience: Depression and Anxiety in
Pregnant and Postpartum Asylum-Seekers at the U.S.-Mexico
Border

Mentor: Dianne Ciro

Health and Human Services



San Diego State
University

President's Award

Janeth Shayo

Musical Theater in Tanzania

Mentor: Rob Meffe

Professional Studies and Fine Arts



San Diego State
University

President's Award

Maria Jose Duran

From Migrant Caravans to the End of Title 42: Immigration as
a Critical Incident in Spanish-language Television News

Mentor: Lourdes Cueva Chacon

Professional Studies and Fine Arts



San Diego State
University

President's Award

Cecylia Quintero

Evaluating undergraduate students Perceptions of the Magnitude of Variation (PMoV) across biological phenomena

Mentor: Gene Sbeglia

Sciences



San Diego State
University

President's Award

Ella Horvath

Microhabitat Use of Red Diamond Rattlesnakes (*Crotalus ruber*) In Southern California Coastal Sage Scrub

Mentor: Rulon Clark

Sciences



San Diego State
University

President's Award for the Arts

Lila Zeichner

Designing for Disability: Color Coded Buttons for Jonah

Mentor: Sondra Sherman

Professional Studies and Fine Arts