



SAN DIEGO STATE
UNIVERSITY

Division of Research and Innovation

Congratulations to our 2021 SRS Award Recipients!

Research Awards for Diversity, Inclusion and Social Justice

Student Presenter: Brent Amenityro

College: College of Arts and Letters

Presentation: Twitter Bot Poetry: How Poetry Evolves to Serve Humanity

Mentor: Sandra Alcosser

President's Award

Student Presenter: Rachel Astete Vasquez

College: College of Engineering

Presentation: Bench-scale investigation of biophysicochemical processes occurring within a novel waterless flushing onsite sanitation system

Mentor: Natalie Mladenov

Provost's Award, College of Arts and Letters

Student Presenter: Anahy Barragan Diaz

College: College of Arts and Letters

Presentation: Crosslinguistic Interference in Word Retrieval in Spanish English Bilinguals – A Large Scale Behavioral Study

Mentor: Stephanie Ries

Dean's Award, College of Arts and Letters

Student Presenter: Jamie Bastide

College: College of Arts and Letters

Presentation: Negotiations of Identity and Masculinity at the Nathan Harrison Archaeological Site

Mentor: Seth Mallios

Dean's Award, College of Professional Studies and Fine Arts

Student Presenter: Sofia Bianconi

College: College of Professional Studies and Fine Arts

Presentation: Rethinking Management of Individuals Convicted of Sex Offenses: A Review of Supervision Conditions

Mentor: Kimberly Kras

Provost's Award, College of Professional Studies and Fine Arts

Student Presenter: Cynthia Bloodgood

College: College of Professional Studies and Fine Arts

Presentation: Technical Direction: Pippin

Mentor: Brian McVickers

President's Award**Student Presenter:** Angelica Bloomquist**College:** College of Sciences**Presentation:** Modeling the risk of SARS-CoV-2 transmission from environmental surfaces**Mentor:** Naveen Vaidya**President's Award****Student Presenter:** Natalie Buchbinder**College:** College of Health and Human Services**Presentation:** Healthcare Coverage and Vaccination Uptake Rates**Mentor:** Melody Schiaffino**Research Awards for Diversity, Inclusion and Social Justice****Student Presenter:** Bruno Calderon Hernandez**College:** College of Arts and Letters**Presentation:** Did the pandemic affect female workers and aged workers more than their respective counterparts?**Mentor:** Kangoh Lee**Dean's Award, Fowler College of Business****Student Presenter:** Lance Cameron**College:** Fowler College of Business**Presentation:** Threat Intelligence Modeling Environment**Mentor:** Bongsik Shin**President's Award****Student Presenter:** Janie Collins**College:** College of Arts and Letters**Presentation:** Boxers and Converts: The Place of Chinese Christian Converts in the Boxer Uprising, 1898-1901**Mentor:** Kathryn Edgerton-Tarpley**Charles Wei-hsun Fu Foundation Philosophy Award****Student Presenter:** Dylan Corliss**College:****Presentation:** Arterial Characteristics in Chronic Post-Stroke Aphasia**Mentor:** Tracy Love**President's Award****Student Presenter:** Kayla Daniels**College:** College of Arts and Letters**Presentation:** Black & Yellow: The Promise and Peril of Afro-Asian Solidarity**Mentor:** Matthew Kuefler**President's Award****Student Presenter:** Nathalie Delherbe**College:** College of Sciences**Presentation:** The role of root-associated methanotrophs in enhancing drought tolerance of plants, while sequestering the greenhouse methane from the atmosphere in (semi)arid ecosystems.**Mentor:** Marina Kalyuzhnaya

Sustainability Award sponsored by the Center for Regional Sustainability**Student Presenter:** Paola Diaz de Regules**College:** College of Professional Studies and Fine Arts**Presentation:** Nongovernmental Organizations in Mexico: Impacts on Food Policy**Mentor:** Shawn Flanigan**Undergraduate Research Excellence Award****Student Presenter:** Jessica Embury**College:** College of Arts and Letters**Presentation:** COVID-19 and Population Vulnerability in San Diego County**Mentor:** Ming-Hsiang Tsou**Undergraduate Research Excellence Award****Student Presenter:** Fernanda Espinoza**College:****Presentation:** Evaluating explanatory models of cancer at the US-Mexico border: An experimental approach**Mentor:** Linda Abarbanell**Dean's Award, Imperial Valley****Student Presenter:** Carlos Fitch**College:** Imperial Valley Campus**Presentation:** Chinese Mythology and Contemporary Pride in Mexicali**Mentor:** Gilberto Reyes**Research Awards for Diversity, Inclusion and Social Justice****Student Presenter:** Hannah Friesen**College:** College of Arts and Letters**Presentation:** A Need For "Skirted Soldiers": The Campaign to Recruit American Women into the Military During World War II**Mentor:** Gregory Daddis**Dean's Award, Fowler College of Business****Student Presenter:** Isabella Gaffney**College:** Fowler College of Business**Presentation:** Big Data Analytics and Visualization: P-Card Fraud**Mentor:** Yan Luo**Dean's Award, Imperial Valley****Student Presenter:** Virginia Gallardo Reyes**College:** Imperial Valley Campus**Presentation:** Reading and Writing in Early Modern Spain and Their Potential Connections to the Ways We Read and Write in the 21st Century**Mentor:** Magdalena Altamirano**Provost's Award, Health and Human Services****Student Presenter:** Moriah Harden**College:****Presentation:** Web-based eye-tracking for bilingual psycholinguistics research: A pilot study of the cognate effect**Mentor:** Henrike K. Blumenfeld

Provost's Award, Health and Human Services**Student Presenter:** Amber Henmi**College:****Presentation:** Encoding meaning using only linguistic information**Mentor:** Alyson Abels**Dean's Award, College of Health and Human Services****Student Presenter:** Lindsay Hill**College:** College of Health and Human Services**Presentation:** Online Administration of the Comprehensive Aphasia Test**Mentor:** JoAnn Silkes**Provost's Award, College of Engineering****Student Presenter:** Sophia Jorge**College:** College of Engineering**Presentation:** Impacts of Wildfires on Coastal Discharges in the Amazon River Basin**Mentor:** Alicia Kinoshita**Undergraduate Research Excellence Award****Student Presenter:** Solana Kenyon**College:** College of Sciences**Presentation:** Prosocial Behavior Boosts Socioemotional Well-being During Chronic Stress**Mentor:** Tristen Inagaki**Undergraduate Research Excellence Award****Student Presenter:** Emma Kerr**College:** College of Sciences**Presentation:** Categorizing the skin microbiome of California rays**Mentor:** Elizabeth Dinsdale**Dean's Award, Sciences****Student Presenter:** Davis Klein**College:** College of Sciences**Presentation:** Examining Differences in Human and Non-Human Primate Brain Organoids**Mentor:** Ralph Feuer**Provost's Award, College of Sciences****Student Presenter:** Kouta Lee**College:** College of Sciences**Presentation:** The role inflammatory signaling crosstalk on human exocrine and beta cells**Mentor:** Ralph Feuer**Dean's Award, College of Education****Student Presenter:** Nora Leyva**College:** College of Education**Presentation:** The Impact of Research and Mentoring Programs on Black and Latinx Female Social Science Students' Pathway to the Professoriate**Mentor:** Felicia Black

Research Awards for Diversity, Inclusion and Social Justice

Student Presenter: Elisa Mendez-Pintado

College:

Presentation: Links between socioeconomic factors and early developmental skills in young children with autism spectrum disorder

Mentor: Inna Fishman

Arts Exhibit Award

Student Presenter: John Mollet

College: College of Arts and Letters

Presentation: Howka: deconstructing colonialist narratives and establishing a radical alternate past through art and media.

Mentor: David Kamper

Library Award

Student Presenter: Christopher Nguyen

College:

Presentation: How do Vietnamese-speaking children acquire English grammar?

Mentor: Giang Pham

Provost's Award, College of Arts and Letters

Student Presenter: William Nicewonger

College: College of Arts and Letters

Presentation: Regional Effects of Deforestation on Dry-Season Climate in the Brazilian Amazon

Mentor: Fernando De Sales

Dean's Award, College of Health and Human Services

Student Presenter: Ivan Noriega

College: College of Health and Human Services

Presentation: The Effects of COVID-19 on Masters of Social Work Graduate Students Digital Technology Use, and Psychological and Mental Health

Mentor: Lianne Urada

Library Award

Student Presenter: Jenny O'Connor

College:

Presentation: Stroop Effect Highlights Deficits in Cognitive Control in Binge Drinkers

Mentor: Ksenija Marinkovic

Dean's Award, College of Engineering

Student Presenter: Daniel O'Haire

College: College of Engineering

Presentation: Water Table Experiment: Interaction of complex geometry with a hydraulic jump

Mentor: Gustaaf Jacobs

Provost's Award, College of Professional Studies and Fine Arts

Student Presenter: Jennifer Ousey

College: College of Professional Studies and Fine Arts

Presentation: An Alternative Vire

Mentor: Junichi Satoh

President's Award for the Creative Arts**Student Presenter:** Adam Parrocha**College:** College of Professional Studies and Fine Arts**Presentation:** Art Direction for The Hudsucker Proxy**Mentor:** David Morong**Library Award****Student Presenter:** Jessica Pereira**College:****Presentation:** Syndemic on São Vicente Island: Tracking the Dengue Fever and SARS-CoV-2 Co-Outbreaks**Mentor:** Ramona Perez**Dean's Award, College of Engineering****Student Presenter:** Dawod Rafoka**College:** College of Engineering**Presentation:** LOTUS**Mentor:** Teh Ying Khai**Dean's Award, College of Professional Studies and Fine Arts****Student Presenters:** Sarah Roberts**College:** College of Professional Studies and Fine Arts**Presentation:** A Student Narrative of Resilience: Autoethnographic Reflections on the Virtual Learning Transition**Mentor:** Tiffany Dykstra-Devette**President's Award****Student Presenter:** Jonathan J.D. Robinson Anthony**College:** College of Health and Human Services**Presentation:** Investigating word representation, processing, and awareness in adult bilinguals with a history of Developmental Language Disorder**Mentor:** Henrike K. Blumenfeld**Provost's Award, College of Engineering****Student Presenter:** Alma Rocha**College:** College of Engineering**Presentation:** Persistence of SARS-CoV-2 in Natural Waters**Mentor:** Natalie Mladenov**President's Award****Student Presenter:** Maria Isabel Rojas**College:** College of Sciences**Presentation:** SARS-CoV-2 on commonly touched and rarely disinfected surfaces of the urban environment in San Diego County**Mentor:** Forest Rohwer**Dean's Award, Sciences****Student Presenter:** Antonio Ruiz**College:** College of Sciences**Presentation:** Effects of prenatal cannabis and nicotine exposure on open field activity**Mentor:** Jennifer Thomas

Provost's Award, College of Sciences**Student Presenter:** Kaitlyn Sabo**College:** College of Sciences**Presentation:** Analysis of the role of the α 10 helix in catalysis and inhibition of isocitrate dehydrogenase 1**Mentor:** Christal Sohl**President's Award****Student Presenter:** Ashley Schwartz**College:** College of Sciences**Presentation:** Network models for analyzing the deformities induced by the ecotoxicological contaminant Tris(4-chlorophenyl)methanol (TCPMOH) in developing zebrafish (*Danio rerio*)**Mentor:** Uduak George**Outstanding Creative and Performing Arts Award****Student Presenter:** Christopher Shin**College:** College of Professional Studies and Fine Arts**Presentation:** Injury Risk Reduction in the Professional Musical Theatre Performing Artist**Mentor:** Robert Meffe**Library Award****Student Presenter:** Victoria Telles**College:****Presentation:** Cultural Adaptations of Interventions to Improve Obesity-related Health Outcomes among Latino Youth: A Systematic Literature Review**Mentor:** Elva Arredondo**Library Award****Student Presenter:** Marisa Torres-Ruiz**College:****Presentation:** Faces and Places of Research: Factors that Influence Participant Engagement in Research Among Latinx Communities**Mentor:** Elva Arredondo**Undergraduate Research Excellence Award****Student Presenter:** Savannah Verret**College:****Presentation:** Supporting Intervention Research in Speech-Language Pathology: A focus on transcription reliability**Mentor:** Irina Potapova**President's Award****Student Presenter:** Jennifer Waters**College:** College of Sciences**Presentation:** Role of IGFBP5 in Ovarian Cancer Metastasis**Mentor:** Carrie House**Dean's Award, College of Arts and Letters****Student Presenter:** Alec Whitson**College:** College of Arts and Letters**Presentation:** Down the Drain: The Enforcement of Prohibition in San Diego, California**Mentor:** Eve Kornfeld

Dean's Award, College of Education

Student Presenter: Amir Zargar

College: College of Education

Presentation: Race and Attainment Differences in Postsecondary Students' Academic and Social Integration

Mentor: Aaron Iffland