

## 2023 SDSU Seed Grantees

College	First Name	Last Name	Department	Application
College of Arts and Letters	Rebecca	Bartel	Study of Religion	<i>Rites and Rituals of Protection: Cultural Production and Territorial Peacebuilding in Colombia</i>
	Todd	Braje	Anthropology	<i>Understanding the Past, Present, and Future Resilience and Sustainability of Pacific Islands</i>
	Yang	Liang	Economics	<i>Have Recreational Marijuana Laws Hurt Workplace Safety?</i>
	Efren	Lopez	English	<i>Nuestras Historias - Digital Humanities Project</i>
	Oliver	Paine	Anthropology	<i>The Nylsvley Hominin Dietary Ecology Project</i>
	Charmane	Perry	Africana Studies	<i>Bringing down the wall: Black Philadelphia and the desegregation of Girard College</i>
	Amy	Quandt	Geography	<i>Feasibility of agroforestry for climate change adaptation in San Diego County, California</i>
	Lauren	Schmidt	Spanish and Portuguese Languages and Literatures	<i>Spanish in San Diego Corpus</i>
	Stephen	Suh	Sociology	<i>Korean American Culinary Entrepreneurs in South Korea and the U.S.</i>
	Kimberly	Twist	Political Science	<i>Mainstreaming the Far Right</i>
<b>Funding Rate:</b>	<b>10 Funded Applications/23 Applications Submitted (43% funding rate)</b>			
Fowler College of Business	Parisa	Haim Faridian	Management	<i>From Open Source Community to Open Innovation: Seeking Strategic Advantages and Entrepreneurial Opportunities in Ecosystems</i>
	Carlos	Paternina-Arboleda	Management Information Systems	<i>Smart Optimization of Port Operations</i>
	Lin	Wang	Charles Lamden School of Accountancy	<i>Audit Committee Board Connections and Firm Cybersecurity Resilience</i>
	Justin	Wiegand	Management	<i>Fit matters: A re-examination of skills fit, interest fit, and job performance</i>
	Shengjie	Xu	Management Information Systems	<i>Towards robust and secure AI for learning-based cybersecurity systems</i>
<b>Funding Rate:</b>	<b>5 Funded Applications/9 Applications Submitted (56% funding rate)</b>			
College of Education	Ana	Duenas	Special Education	<i>Exploring Barriers to Culturally Responsive Practice in the Applied Behavior Analysis Workforce</i>
	Tanya	Gaxiola Serrano	Administration, Rehabilitation, and Postsecondary Education	<i>Resisting White Supremacy: Chicanx/Latinx Student and Faculty Leaders and Activist Plight for the Establishment of Ethnic Studies Requirements in California's Community Colleges</i>
	Vicki	Park	Educational Leadership	<i>Principal Life Histories in Relation to Reform</i>
	Patricia	Sanchez Lizardi	Counseling and School Psychology	<i>Global perspectives on teachers' wellbeing and mental health following the COVID-19 pandemic: The cases of Tijuana and San Diego</i>
<b>Funding Rate:</b>	<b>4 Funded Applications/9 Applications Submitted (44% funding rate)</b>			
College of Engineering	Sara	Adibi	Mechanical Engineering	<i>Applying Artificial Intelligence in Material Discovery and Design</i>
	Alicia	Kinoshita	Civil, Construction, and Environmental Engineering	<i>The impact of structure loss on water quality and supply after wildfire in California</i>
	Hanyang	Li	Civil, Construction, and Environmental Engineering	<i>Continuous monitoring of air toxics and assessment of pollution sources in Imperial Valley</i>
	Santosh	Nagaraj	Electrical and Computer Engineering	<i>Communication channel modeling for UAV-to-Ground links</i>
	Ignacio	Sepulveda	Civil, Construction and Environmental Engineering	<i>On the modeling and assessment of atmospheric-induced tsunami hazards</i>

	Elisa	Torresani	Mechanical	<i>Developing of a machine learning method predicting shape evolution for the integrated 3D-Printing – Spark-Plasma Sintering Manufacturing Technology</i>
	Junfei	Xie	Electrical and Computer Engineering	<i>Decentralized Onboard-Offboard Collaborative Computing for In-Time UAS Traffic Management</i>
<b>Funding Rate:</b>	<b>7 Funded Applications/16 Applications Submitted (44% funding rate)</b>			
<b>College of Health and Human Services</b>	Laura	Coco	Speech, Language, and Hearing Sciences	<i>Hearing Aid DIY</i>
	Stacy	Dunkerley	Social Work	<i>Effective Implementation of a Family Finding Program: Participant, Program Personnel, and Leadership Perspectives</i>
	Elana	Elkin	School of Public Health	<i>Effects of S-(1,2-dichlorovinyl)-L-cysteine (DCVC) exposure on Cytotoxicity and invasion capacity in the placenta cell line HTR-8/SVneo.</i>
	Shira	Goldenberg	School of Public Health	<i>Community-Engaged Research Evaluating Socio-Economic Determinants of Maternal and Infant Health Inequities faced by Refugee and Asylum-Seeking Women at the Mexico-U.S. Border</i>
	Jochen	Kressler	ENS	<i>Short, simple, exercise to improve circadian dependent postprandial glycemic responses</i>
	Nicolas	Lopez	Public Health	<i>Assessing the exposure to air pollutants produced from unregulated open burning of solid waste in the U.S.-Mexico border region</i>
	Leonardo	Nogueira	Exercise and Nutritional Sciences	<i>Cigarette smoke exposure effects on diaphragm's susceptibility for ventilator-induced diaphragm dysfunction</i>
	Jing	Zhao	School of Exercise and Nutritional Sciences	<i>Flavor characterization and improvement of algae proteins</i>
<b>Funding Rate:</b>	<b>8 Funded Applications/18 Applications Submitted (44% funding rate)</b>			
<b>SDSU Imperial Valley</b>	Linda	Abarbanell	Psychology	<i>Cultural differences in the experience of endometriosis</i>
	Helina	Hoyt	Nursing	<i>Project BSN Immersion: Using eXtended Reality to Prepare Baccalaureate Nurses</i>
	Huan	Qin	Division of Arts and Sciences	<i>Apply Multi-Output LASSO to Regressions and Time Series</i>
	Shiloh	Williams	School of Nursing	<i>Evaluation of Health Literacy and Access in Low Income, Diverse Communities Living in a Rural Border Region</i>
<b>Funding Rate:</b>	<b>4 Funded Applications/6 Applications Submitted (67% funding rate)</b>			
<b>Library</b>	Ashley	Wilson	Library	<i>Content notice?: Examining the efficacy of content warnings in library discovery systems: A case study</i>
<b>Funding Rate:</b>	<b>1 Funded Application/2 Applications Submitted (50% Funding Rate)</b>			
<b>College of Professional Studies and Fine Arts</b>	Ji Yoon (Karen)	Han	School of Journalism and Media Studies	<i>Moderating Role of Network Similarity: Social Network Effects of Mobile Health (mHealth) Applications for Patients with Cancer</i>
	Justina	Jose	School of Public Affairs	<i>The Impact of water- sewer financial conditions on credit ratings</i>
	Brandon	Mastromartino	L. Robert Payne School of Hospitality & Tourism Management	<i>Gendered Socialization in Sport Fandom</i>
	Jessica	McGaugh	Film, Television, and New Media	<i>Narrative Film Project: "Tina"</i>
	Chuyun	Oh	Dance	<i>K-pop Dance Education</i>
	Mary	Posatko	TFM	<i>The Wandering Lepidoptera</i>
	Madison	Swayne	School of Public Affairs	<i>Developing and pilot-testing a smartphone application to increase public restroom access in San Diego County</i>
	Tereza	Trejbalova	School of Public Affairs	<i>An Exploration of the Needs of Individuals Living in the Las Vegas Storm Tunnels and the Services Available to Them</i>

<b>Funding Rate</b>	<b>8 Funded Applications/18 Submitted Applications (44% Funding Rate)</b>			
<b>Student Affairs &amp; Campus Diversity</b>	<b>Ricky</b>	<b>Pope</b>	Office of Restorative Practice	<i>A Special Project: Telling Our Stories</i>
<b>Funding Rate</b>	<b>1 Funded Application/1 Application Submitted (100% Funding Rate)</b>			
<b>College of Sciences</b>	<b>Hyunjong</b>	<b>Choi</b>	Computer Science	<i>Context-Adaptive Asynchronous Accelerated Computation Pipeline for Resource Scalable Autonomous System Design</i>
	<b>Yuezhi</b>	<b>Mao</b>	Chemistry and Biochemistry	<i>Machine-Learning Assisted Simulation of Photochemical Processes in Complex Environments</i>
	<b>Miranda</b>	<b>Parker</b>	Computer Science	<i>Training Spatial Skills to Improve Outcomes in Computer Science</i>
	<b>Gena</b>	<b>Sbeglia</b>	Biology	<i>Development of the SEE instrument: Measuring TA's ability to See Equity in Education</i>
	<b>Jessica</b>	<b>Whiteside</b>	Geological Sciences	<i>Unexplored threats from pesticides and herbicides in the sediments of the modern Salton Sea</i>
	<b>Cristal</b>	<b>Zuniga</b>	Biology	<i>Genome-scale metabolic modeling of the opportunistic pathogen Achromobacter xylosoxidans</i>
<b>Funding Rate</b>	<b>6 Funded Applications/16 Applications Submitted (50% Funding Rate)</b>			
<b>Overall Funding Rate</b>	<b>54 Funded Applications/114 Applications Submitted (47% Funding Rate)</b>			