2024 SDSU Seed Grantees

College	Applicant First Name	Applicant Last Name	Department	Proposal Title
Arts and Letters	Lashon	Daley	English and Comparative Literature	Coming of (R)age: Charting Black Girl Lit Studies
Arts and Letters	Kathryn	Edgerton-Tarpley	History	The Wartime Dismantling of China's City Walls as Event, Experience, and Memory, 1938-2023
Arts and Letters	Annika	Frieberg	History	The Letters from Poland: Democracy, Human Rights and Humanitarianism in Polish-Swedish Relations, 1982-1989
Arts and Letters	Amanda	Kearney	Anthropology	What is the future of Anthropology? Modeling a post-conventional anthropology through the prioritizing of graduate aspirations, multi-sector
Arts and Letters	Matthew	Lauer	Anthropology	Human-fish relations in San Diego's spearfishing community
Arts and Letters	Yang	Liang	Economics	More Robots, More Crime?
Funding Rate:	6 Funded Applications/9 Applications Submitted (66% funding rate)			
Business	Kaveh	Abhari	MIS	Augmented Coaching Systems: A Paradigm Shift in Talent Management and Employee Development in Knowledge-Based Enterprises
Business	Gabi	Eissa	Management	Examining bottom-line mentality in the workplace
Business	Amy	Randel	Management	Mattering at Work and its Relationship with Inclusion
Business	Taekjin	Shin	Management	Women and racial minorities on the board: How board diversity and group faultlines affect firm outcomes
Business	Nita	Umashankar	Marketing	Drivers of Employability: The person, the skill, or the need?
Business	Alex	Yao	Marketing	Crowdfunding Activism: Impact on Backers and Success
Business	Aner	Zhou	Lamden School of Accountancy	Internal Connectedness and Accounting Quality: Evidence from Employee LinkedIn Connections
Funding Rate:	7 Funded Applications/11 Applications Submitted (63% funding rate)			
Education	Mary	Baker-Ericzen	Administration, Rehabilitation and Post-Secondary Education (ARPE)	Feasibility and Effects of Long-term Employment Outcomes in Evidence-Based Community Vocational Training Program for Autistic Adults
Education	Monica	Baldonado-Ruiz	School of Teacher Education	Cuentos, Testimonio, and Oral History: A Community Writing Workshop
Education	Brittany	Glover	Counseling and School Psychology	Preparing School Counseling Students to Serve Children with Special Needs
Funding Rate:	3 Funded Applications/3 Applications Submitted (100% funding rate)			
Engineering	Sara	Adibi	Mechanical Engineering	SMART Tissues: Advancing Tissue Engineering through Machine Learning-Enhanced Scaffold Design

College	First Name	Last Name	Department	Project Title
Engineering	Naim	Ahmed	Electrical and Computer Engineering	Integrated Semiconductor Laser Advancements: TFLN-Based Hybrid Laser Design
Engineering	Reza	Akhavian	Civil, Construction, and Environmental Engineering	3D Worker-Robot Collaboration Simulator Using BIM-Rich Environments
Engineering	Baris	Aksanli	Electrical and Computer Engineering	Multi-layered Defense for Machine Learning Against Adversarial Attacks in the Internet of Things
Engineering	Hassan	Davani	Civil, Construction & Environmental Engineering	Ultrasonic Homogenization of Stormwater Microplastic Pollutions to Quantify the Removal Efficiency of Green Infrastructure
Engineering	Gloria	Faraone	Civil Construction and Environmental Engineering	Developing inclusive resilience in natural hazard preparedness in the San Diego - Tijuana transborder region
Engineering	Tong	Huang	ECE	Accelerating Transient Stability Assessment of Large-scale Power Electronics-interfaced Microgrids Using Machine Learning
Engineering	Lingping	Kong	Mechanical Engineering	Grain Boundary Engineering for Safe Solid-State Batteries
Funding Rate:	**8 Funded Applications/12 Applications Submitted (66% funding rate)**			
Health and Human Serv	Antoinette	Domingo	Doctor of Physical Therapy Program	Electrical spinal stimulation and activity based therapies in Parkinson's Disease to improve gait
Health and Human Serv	Elana	Elkin	Public Health-Environmental Health	Effects of tris(4-chlorophenyl)methane (TCPM) and tris(4-chlorophenyl)methanol (TCPMOH) on exposure on cytotoxicity and
Health and Human Serv	Teresa	Girolamo	Speech, Language, and Hearing Sciences	A feasibility study of strategic scoring for grammar in diverse autistic youth
Health and Human Serv	Jennifer	Green	Exercise and Nutritional Sciences	A pilot study testing the feasibility of a prenatal yoga app in African American women
Health and Human Serv	Danisha	Jenkins	Nursing	A Descriptive Study of Medically Fragile Persons Experiencing Houselessness
Health and Human Serv	Melanie	Nicholls	Social Work	Understanding the Needs of Mental Health Practitioners Who Work with Severe and Persistent Mental Illness (SPMI) in San Diego County
Health and Human Serv	Sasha	Reschechtko	Exercise & Nutritional Sciences	Insights into finger force control with high-resolution fingertip imaging
Health and Human Serv	Frankie	Wade	Exercise and Nutritional Sciences	Assessing the influence of neighborhood environment on walking adaptability
Funding Rate:	**8 Funded Applications/15 Applications Submitted (53% funding rate)**			
Imperial Valley Campus	Tingting	Tang	Mathematics	Comparing and Examining Different Methods of Determining Structural and Practical Identifiability of a Vector-Host Model
Funding Rate:	**1 Funded Applications/1 Application Submitted (100% funding rate)**			
Library	Lisa	Lamont	Library	Collections without borders: promoting international cooperation through our shared interests in preserving indigenous languages
Library	Nerissa	Lindsey	Library	Using AI Models to Catalog California State Documents
Library	Sarah	Tribelhorn	Library	Showcasing SDSU Campus Sustainability Initiatives Through Linked Data on the Web

Funding Rate:	**3 Funded Applications/5 Applications Submitted (60% funding rate)**			
Professional Studies an	Ava	Avnisan	Art and Design, Journalism and Media Studies	1-800-trans*missions
Professional Studies an	Denitsa	Bliznakova	School of Theatre, TV, and Film	SDSU/Timken Museum Touch and See Project
Professional Studies an	Yea-Wen	Chen	School of Communication	Belonging and Identity Negotiations of International Students in U.S. Academia: A Case Study with Taiwanese Students
Professional Studies an	Rati	Kumar	Communication	Rohingya Narratives of Health and Displacement in the Cox's Bazar Refugee Camp
Professional Studies an	Scott	Lipscomb	School of Music and Dance	BubbleMachine
Professional Studies an	Jessica	McGaugh	Television, Film & New Media	Grown Up: An Original Film Project
Professional Studies an	Randy	Reinholz	Theatre, Television, and Film	Development and production of Desire
Professional Studies an	Gillian	Sneed	School of Art and Design	"The Imaginary Amazon" Exhibition
Funding Rate:	**8 Funded Applications/15 Applications Submitted (53% funding rate)**			
Sciences	Lacie	Barber	Psychology	Understanding Optimal Work Availability Strategies in Work Teams
Sciences	Bryan	Donyanavard	Computer science	Enabling Flexible Autonomous Systems
Sciences	Matthew	Edwards	Biology	Growing kelps in tumble tanks: developing land-based aquaculture for large seaweeds at SDSU
Sciences	Christopher	Harrison	Chemistry and Biochemistry	Electrophoretic Separations in Deep Eutectic Solvents
Sciences	Teresa	Monkkonen	Biology	Unbiased Assessment of Autophagy in Lactation
Sciences	Mauro	Tambasco	Physics	Developing and Optimizing a Novel Transportable Cell Culture Platform (TCCP) to Assess Relative Biological Effectiveness of Radiotherapy Beams
Sciences	William	Welsh	Astronomy	Developing the Resonance Correlation Function
Funding Rate:	**7 Funded Applications/11 Applications Submitted (63% funding rate)**			
Overall Funding Rate:	**51 Funded Applications/82 Applications Submitted (62% funding rate)**			