**SDSU Seed Grant Program Funding 2022**

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| **Last Name** | **First Name** | **College**  | **Department** | **Title** | **Funding** |
| Alonso | LLuliana | SDSU IV | Division of Education | Rural Latina/o Fronterizx pre-service teachers: educational trajectories into and through teacher education programs | $7,500 |
| Alonzo | Crystle | CHHS | Speech, Language, & Hearing Sciences | Knowledge learning and cognitive control impacts on comprehension in bilingual preschoolers with and without DLD | $7,500 |
| Barber | Larissa | COS | Psychology | Understanding after-hours availability expectations and well-being among STEM workgroups | $7,500 |
| Bedau | Dani | PSFA | School of Theatre, Television, and Film | Ziggy, Stardust, and me: A musical adaptation for young audiences | $7,500 |
| Bhalla | Amneet Pal | ENG | Mechanical Engineering | Optimal control informed multiphase modeling of wave energy converter devices | $7,500 |
| Bordelon | Suzanne | CAL | Rhetoric and Writing Studies | The segregation of Mexican-origin children in California: Toward a transnational archival methodology | $7,489 |
| Brown | Jeffrey | COE | Counseling and School Psychology | Developing strategies for supporting immigrant gender and sexually diverse students | $7,500 |
| Brown | Lauren | CHHS | Public Health | Race/ethnic and ancestry-based differences in salivary telomere length among older adults | $7,474 |
| Brum | Christopher | COE | Special Education | Literacy for students with complex support needs: Instructional strategies, materials and teacher perceptions | $7,500 |
| Bukalova | Dominika | SDSU IV | Division of Professional Studies/School of Public Affairs | Leadership starts here: A survey assessing local government leadership development in Southern California | $7,500 |
| Caldwell | Avery  | PSFA | Art + Design | Semiotics in the landscape, phase 1 | $7,100 |
| Cohen | Shira | FCOB | Lamden School of Accountancy | Climate risk and executive compensation | $7,500 |
| Cripps | Richard | COS | Biology | Defining roles of nuclear membrane proteins in muscle | $7,500 |
| Faraone | Gloria | ENG | Civil, Construction and Environmental Engineering | Nonlinear modeling of reinforced concrete shear walls including strength degradation | $7,500 |
| Felner | Jennifer | CHHS | Public Health | Leveraging mixed methods research and health communication strategies to address community opposition to equitable public bathroom access in San Diego | $7,498 |
| Flores Renteria | Lluvia | COS | Biology | Origin of species in islands of Baja California | $7,500 |
| Frieberg | Annika | CAL | History | Soap and democracy: Polish immigrants and Swedish labor activists in the support networks for solidarity, 1981-1989 | $7,500 |
| Giles | Jerome | COS | Mathematics & Statistics | Neural network mathematical modeling | $6,646 |
| Heng | Greta | LIB | Content Organization and Management | The missing link: Creating scholar profiles to broaden SDSU's research reputation | $7,405 |
| Hong | Mee Young | CHHS | Exercise and Nutritional Science | Effectiveness of mHealth applications for weight management in a low socioeconomic, type II diabetic, Latinx population | $7,500 |
| Hu | Brian | PSFA | School of Theatre, Television, Film | Asian American cinema and genre analysis | $7,500 |
| Humphrey | Jessica | PSFA | School of Music and Dance | Portal: Transborder dance dialogues | $7,415 |
| Kang | John | ENG | Mechanical Engineering | Real-time multi-sensor deep learning method to identify and classify defects during the laser powder-bed fusion process | $7,500 |
| Kannan | David | SDSU IV | Division of Professional Studies/School of Public Affairs | School-level disparity, community engagement, and California public high school performance | $7,500 |
| Keeney | Annie | CHHS | Social Work | Understanding the impact of agriculture occupations on child welfare outcomes in a US-Mexico border region | $7,500 |
| Li | Yu (Valerie) | FCOB | Lamden School of Accountancy | Top management cohesiveness and financial reporting fraud | $4,950 |
| Long | Jeremy | COS | Biology | Climate change-mediated impacts and management of Sargasso on Yucatan jungles | $7,500 |
| Manshadi | Saeed | ENG | Electrical and Computer Engineering | An integrated optimization and machine learning framework for the zero emission energy and mobility paradigm shift | $7,500 |
| Mattson | Sarah | COS | Psychology | Internet study of COVID-19, alcohol, and neurocognition in college-age young adults (the iCAN Study) | $7,500 |
| Murdock | Esme | CAL  | American Indian Studies | Blood, bone, & land | $7,500 |
| Nasrollahi Shahri | Naseh | CAL | Linguistics and Asian/Middle Eastern Languages | The Influence of dynamic actions in text making: Second language college writers in focus | $7,500 |
| Navarro | Melissa | COE | Dual Language and English Learner Education | Critical STEM Sin Fronteras in the Cali-Baja Region: preparing K-6 teachers to teach STEM inclusive of transnational migrant students | $7,500 |
| Nili Ahmadabadi | Zahra | ENG | Mechanical Engineering | An evasion and exploration information system for swarm of vehicles in adversarial environments | $7,500 |
| Osborne | Jeffery | SDSU IV | Division of Professional Studies/School of Public Affairs | Creating an active shooter incident information database | $7,500 |
| Penrose Jr | Walter | CAL | History | Artemisia II: Power, patronage, and the creation of the mausoleum | $7,500 |
| Placeres | Vanessa | COE | Counseling and School Psychology | How to practice what we preach: School counseling and multicultural counseling competence | $7,272 |
| Reed | Elizabeth | CHHS | Public Health | Cyber sexual harassment in relation to health and social outcomes among adolescents: Data analysis from the national Adolescent Brain and Cognitive Development Study | $7,500 |
| Riestra | Angelica | COS | Biology | Investigating the contribution of Trichomonas vaginalis flagellar motility to pathogenesis | $7,500 |
| Schmeid | Emily | CHHS | Public Health | Examining secondary effects of the COVID-19 pandemic among patients with chronic conditions | $7,072 |
| Sciurba | Katie | COE | Teacher Education | Relevance as literacy transformation | $7,500 |
| Sepulveda | Ignacio | ENG | Civil, Construction and Environmental Engineering | Towards a new era of non-stationary probabilistic hazard assessments in a changing climate | $7,500 |
| Seshagiri | Sridhar | ENG | Electrical and Computer Engineering | Control of microgrid systems utilizing first-life and second-life electric vehicle batteries | $7,000 |
| Sharma | Eesha | FCOB | Marketing | Perceived financial scarcity and intertemporal choice | $7,500 |
| Stahl | Valerie | PSFA | School of Public Affairs | 10 Years of the Rental Assistance Demonstration Program in California: Analyzing Evictions in Changing Public Housing | $7,490 |
| Tavakol | Hassan | ENG | Civil, Construction and Environmental Engineering | Understanding the fate and transport of microplastics in Green Infrastructure using fluorescent microscopy | $7,500 |
| Thomases | Drew | CAL | Study of Religion | Hinduism by many other names: Yoga, spirituality, and appropriation | $7,500 |
| Umashankar | Nita | FCOB | Marketing | Using marketing principles to reduce negative perceptions of women: A field experiment with a gender repositioning intervention in India | $7,500 |
| Vann | Burrel | PSFA | Public Affairs | The causes and consequences of national news discourse about marijuana | $7,499 |
| Vaughn | Allison | COS | Psychology | Mechanisms underlying student-focused motivationally-supportive pedagogical Strategies | $7,200 |
| Warren | Chris | PSFA | School of Theatre, Television, Film and School of Music and Dance | 3D printed Foley instruments | $6,740 |
| Wu  | Regina | CAL | Linguistics and Asian/Middle Eastern Languages | A cross-linguistic study of complaining in English and Chinese conversation | $7,500 |
| Yao | Alex | FCOB | Marketing | Targeting breadth in behaviorally targeted display advertising | $7,500 |