The **2023 CSUSM Symposium on Student Research, Innovation, and Creative Activities** took place on March 3, 2023. Up to ten finalists from CSUSM will compete against fellow CSU students at the statewide competition that will be held by San Diego State University, on April 28-29, 2023. Special thanks to all participants, their faculty mentors, and our judges and moderators. **The event would not be possible without their efforts.** And special thanks to Dr. Ray Malfavon-Borja for the fantastic prep-session for our students!

Many NSF programs are now offering virtual Office Hours, which provide an easy way to access Program Directors and ask specific questions. Please look at the [NSF events page](#) to find the upcoming webinars and the recordings of the past ones.

San Jose State University is hosting a webinar from the National Endowment for the Arts (NEA) on **Friday, 4/7/23 10:30am – 12 pm**. Topics will include an overview of their grant opportunities, tips and suggestions for competitive proposals, and a Q&A. RSVP Required: [Zoom Registration Link](#)

**APRIL ANNOUNCEMENTS**

**PROPOSALS**

**Proposals recently:**

- **Dr. Jackie Trischman** | CSTEM/ | University of California San Diego subaward, Office of Naval Research | **D-Enterprise: Diversifying and Engaging the Navy Through Technical Education and Recruitment Partnerships for Research Innovations in Science and Engineering.**

- **Drs. Reza Kamali Sarvestani, Yongjie Zheng, Stephen Tsui, Hamed Nademi, and Rick Fierro** | CSTEM/Engineering and Physics | National Science Foundation | Scholarships in STEM | **Realizing STEM Student Success Through Scholarships, Academic Advising, and Coaching (SAAC).**


- **Dr. Haylee DeLuca Bishop** | CHABSS/Psychology | National Institutes of Health | Dyadic Interpersonal Processes and Biopsychosocial Outcomes (R01) | **Dyadic Processes in Mental Health Outcomes.**

- **Drs. Paola Ometto, Carly Offidani-Bertrand, and Serhan Kotiloglu** | COBA/Management and CEHHS/Human Development | Minority Business Development Agency (U.S. Department of Commerce) | MBDA Capital Readiness Program Grant Competition | **ONE Project - A Comprehensive Experience for SEDI Entrepreneurs.**
Dr. Leonardo Silva | CHABBS/Modern Languages | Michigan State University subaward, Andrew W. Mellon Foundation | Less Commonly Taught and Indigenous Languages Partnership | Plural: Português pluricêntrico - workbook.

Dr. Yongjie Zheng | CSTEM/Computer Sciences | National Science Foundation | CCF - Software & Hardware Foundation | SHF: Small: RUI: Maintaining Architecture-Implementation Conformance to Enable Architecture-Centric Software Configuration and Adaptation.

Congratulations to those who received awards recently:

Dr. Blake Beecher | CEHHS/Social Work | Department of Health Care Access and Information (HCAI) | Social Worker Education Capacity Expansion (SWECE) | Social Worker Education Capacity Expansion (SWECE) at CSUSM.


Dr. George Brusch | CSTEM/Biological Sciences | Arizona State University subaward, National Science Foundation | Division of Integrative Organismal Systems (IOS) | IMAGiNE: Testing multi-level controls on an aridity tolerance phenotype over time through physio-genomic data integration.

Dr. Andrew Spieldenner | CHABSS/Communications | NSF | Science and Technology Studies | Research Community Development Grant: Collaborative Research: Knowledge of HIV/AIDS: Expertise, Participation, and the Archive in the Long Pandemic.

Dr. Richard Armenta | OTRES | UCSD subaward, CA Medicine Cal Medicine Scholars Program | California Hub of Healthcare Opportunity.

Program: Grants for Arts Projects
Sponsor: National Endowment for the Arts
Synopsis: Through project-based funding, the program supports opportunities for public engagement with the arts and arts education, for the integration of the arts with strategies promoting the health and well-being of people and communities, and for the improvement of overall capacity and capabilities within the arts sector.
Deadline: July 6, 2023

Program: Humanities for All
Sponsor: California Humanities
Synopsis: Humanities for All is a grant program that supports projects in the public humanities. This program responds to the needs and interests of Californians, encourages greater public participation in humanities programming, particularly by new and/or underserved audiences. It aims to promote understanding and empathy among all our state’s peoples in order to cultivate a thriving democracy.
Deadline: July 17, 2023
**Program:** NIH Research Enhancement Award (R15)  
**Sponsor:** National Institutes of Health  
**Synopsis:** Supports small-scale research projects at educational institutions that provide baccalaureate or advanced degrees for a significant number of the Nation’s research scientists but that have not been major recipients of NIH support. The goals of the R15 are to:  
- support meritorious research,  
- expose students to research, and  
- strengthen the research environment of the institution.  
**Deadline:** June 25, 2023

**Program:** Building Research Capacity of New Faculty in Biology (BRC-BIO)  
**Sponsor:** National Science Foundation  
**Synopsis:** Awards will provide the means for new faculty to initiate and build independent research programs by enhancing their research capacity. These projects might also include biology-focused research collaborations among faculty within the same institution, across peer-, or research-intensive institutions, or partnerships with industry or other non-academic partners that advance the candidate’s research program.  
**Deadline:** June 30, 2023

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**CSUSM Highlight (send submissions to grants@csusm.edu)**

The **2023 Symposium on Student Research, Innovation, and Creative Activities** took place on March 3, 2023, on our campus. The ten CSUSM finalists received a cash award and paid travel expenses to compete against fellow CSU students at the 37th statewide annual competition that will be held by San Diego State University, on Friday, April 28th and Saturday, April 29th, 2023.

CSUSM finalists:

**Jasmine O'Hara & Jessica Keatly:** Camera Trap Survey of Insect pollinators of Encinitas Baccharis (Baccharis vanessae) in San Diego, California (Biology, Biochemistry, Chemistry)

**Jocelyne Dates:** Voltage-gated Ion Channels Regulate Ion and Fluid Transport in the Malpighian Tubules of the Common Cabbage Looper larvae Trichoplusia ni (Biology, Biochemistry, Chemistry)

**Mason Laurin:** Malleable mouths: upper and lower beak kinematics of the Loggerhead Shrike in relation to bite force and velocity (Biology, Biochemistry, Chemistry)

**Cristina Velasquez & Jake Coast:** Identification of BST2 as a Biomarker for Alopecia Areata in Both Mice and Humans (Biology, Biochemistry, Chemistry)

**Jaeden Flury:** Investigating wound microbiome composition in Type 2 Diabetic mice (Biology, Biochemistry, Chemistry)

**Minjung (Michelle) Kang:** The Saturation Spectrum of Odd Cycles (Physical, Mathematical, and Computer Science)
Karissa Tran: Age of First Cannabis Use and Cannabis Misuse Linked for Men and Women and Explained by Depressive Symptoms among U.S. Young Adults (Behavioral and Social Sciences/Psychology Involving Human Subjects)

Marielle Castaneda: Seeing is Believing: Conservation and Welfare Effects of Repeated Exposure to Animals in Anthropomorphic Contexts (Behavioral and Social Sciences/Psychology Involving Human Subjects)

Nicolas Morales: Assessing compliance to in-person tobacco sales requirements in San Diego County (Health, Nutrition, and Clinical Sciences)

Leah Coe: Sex Differences in Hemodynamic Response to High Intensity Interval Exercise (Health, Nutrition, and Clinical Sciences)