

## CSUBIOTECH Announces 9 Grant Awards to CSU Faculty at 7 Campuses

November 9, 2023

The CSU Biotechnology Program (CSUBIOTECH) is pleased to announce the Fall 2023 round of Faculty-Student Collaborative Research: Development Grant Program awards. Overall CSUBIOTECH is making 9 awards totaling \$134,975 to CSU faculty at 7 CSU universities.

The Research Development Grant program aims to provide CSU faculty with support to fill gaps in external funding for ongoing research projects or to pilot new, but as-yet unfunded, research directions for established investigators.

The following CSUBIOTECH Research Development Grants were approved for funding:

1. **Navid Amini** (Computer Science, California State University, Los Angeles)  
Award: \$15,000 for the proposal titled "Investigation of Foot Clearance During Ambulation in Glaucoma Patients"
2. **Matt Brown** (Kinesiology, California State University, Sacramento)  
Award: \$15,000 for the proposal titled "Evaluating the feasibility and effectiveness of acute intermittent hypoxia and static transcranial magnetic field stimulation on Parkinson's disease"
3. **Jason Burke** (Chemistry and Biochemistry, California State University San Bernardino)  
Award: \$15, 000 for the proposal titled "Substrate Binding and Oligomerization in Dioxygenases in the Plant Flavonoid Pathway"
4. **Amanda Kahn** (Moss Landing Marine Laboratories, San José State University)  
Award: \$14,975 for the proposal titled "Symbiont loads as drivers of niche spaces for California sponges"
5. **Niroshika Keppetipola** (Chemistry and Biochemistry, California State University, Fullerton)  
Award: \$15,000 for the proposal titled "Determining the role of acetylation in PTBP1 alternative splicing activity"
6. **Thomas Minehan** (Chemistry and Biochemistry, California State University, Northridge)  
Award: \$15,000 for the proposal titled "Inhibition of Protein-DNA interactions with Major Groove Binding Molecules"
7. **Laura Newcomb** (Biology, California State University, San Bernardino)  
Award: \$15,000 for the proposal titled "Novel cheetah and domestic feline macrophage cell lines for pathogen research."
8. **Anand Ramasubramanian** (Chemical and Materials Engineering, San José State University)  
Award: \$15,000 for the proposal titled "Mechanophenotyping ME/CFS in RBC"

9. **Arun Sethuraman** (Biology, San Diego State University)

Award: \$15,000 for the proposal titled “The Genomic Landscape of Archaic Ancestry in Modern Humans”

For more information about these grant programs, see the program portfolio at the CSUBIOTECH website (<https://www.calstate.edu/impact-of-the-csu/research/csubiotech/Pages/grants-and-awards-programs.aspx>) or contact Ikhide Imumorin, Executive Director, CSUBIOTECH; [iimumorin@sdsu.edu](mailto:iimumorin@sdsu.edu)). All CSUBIOTECH grants and awards can be searched at the program’s database: <https://www.calstate.edu/impact-of-the-csu/research/csubiotech/Pages/grants.aspx>.