University of California, Santa Barbara
Chancellor’s Outreach Advisory Board
2019 Faculty Outreach Grant Proposals

FOG Committee Members
Glenn Beltz, Associate Dean and Professor, College of Engineering (FOG Chair)
Richard Duran, Professor, Gevirtz Graduate School of Education
Viviana Marsano, Isla Vista Liaison & Senior Campus Orgs Advisor, Office of Student Life
Don Lubach, Associate Dean and Director, Office of Student Life
Mark Shishim, Director, Academic Initiatives, Student Affairs

List of FOG Awardees

Chultuns, Maize and Maya Archaeology: A Multi-disciplinary Research Experience for Community College Students
Gerardo Aldana, Chicano@ Studies
Award: $16,100
This project is aimed at first- through third-year community college students within the Regional Alliance of Hispanic Serving Institutions (UCSB, Allan Hancock, Ventura, Oxnard, and Santa Barbara City colleges). The proposed project will expose community college students to culturally rich and relevant, high-level academic research in order to facilitate their transition not only to four-year institutions in general, but also specifically to R1 institutions like UC Santa Barbara. Students will be invited into an institutionalized network that will facilitate their transition to a four-year college even if they do not enroll at UC Santa Barbara.

Supporting Parents and Students in Creating Middle School Math Pathways
Rebecca Mireles-Rios, Gevirtz Graduate School of Education
Award: $17,596
This project aims to implement meetings and workshops for middle school families with a focus on increasing the number of students and parents who both believe that college is an option and to increase understanding of the requirements needed to pursue their STEM related careers. We aim to identify the factors that lead to a middle school student being able to envision themselves as a scientist or engineer. By doing this, we gain key insights into the persistent underrepresentation of students of color in technical coursework and careers. The goal is to increase students and parents knowledge about various educational pathways since early math and science tracking most often determines if and where students end up going to college.
CCBER Junior Scientists – A Citizen Science Partnership Between Entomologists and 5th Grade Researchers
Katja Seltmann, Cheadle Center for Biodiversity & Ecological Restoration (CCBER)
Janet Meyers, Cheadle Center for Biodiversity & Ecological Restoration (CCBER)
Award: $17,632
This junior citizen science program for 5th grade students at Isla Vista Elementary School will work with one or two UCSB leaders to gather scientific data over the course of a 3-month period on a number of ant and bumblebee species that reside at North Campus Open Space. One of the project goals is to foster an understanding of the whole ecosystem in support of biodiversity and develop a citizen science project that collects high quality research data on insect distributions in the restored North Campus Open Space (NCOS) wetland. This authentic science-based collaboration project will enhance the connection between research scientists and K-12 classrooms.

Oceans-to-Classrooms Pathways to STEM Careers
Mark Brzezinski, Marine Science Institute
Scott Simon, Marine Science Institute
Award: $8,672
This projects aims to train UCSB undergraduates to work with UCSB and MSI science and education faculty and staff, and select teachers from UCSB partnership schools in Santa Barbara and Ventura Counties. The goal is to assess, teach and train other UCSB undergars, and K-12 students, using specially designed curricula to improve environmental science literacy as well as improve the understanding of the breadth of STEM careers.

Total Awarded: $60,000