Introduction
California State University, Monterey Bay (CSUMB) serves as the hub of this dynamic REU program. In addition to working with faculty at CSUMB, we place students at five partner institutions: Hopkins Marine Station of Stanford University (Hopkins), the Naval Postgraduate School (NPS), Moss Landing Marine Laboratories (MLML), Monterey Bay Aquarium Research Institute (MBARI), and Elkhorn Slough National Estuarine Research Reserve (ESNERR).

Our REU leverages the scientific assets of Monterey Bay to increase the number of students in Ocean Science. To accomplish this we: 1) recruit 11 students, with an emphasis on students from underrepresented groups and those with limited access to STEM research; 2) engage students in Oceanography, Marine Biology and Ecology, Ocean Engineering, and Marine Geology; 3) provide students with strong mentoring; and, 4) provide rigorous support and training for students.

Program Organization
-The Monterey Bay Regional REU is comprised of six partner institutions arrayed across Southern Monterey Bay.
-Students are placed at one of the following six partner institutions.

Program Activities
-Students conduct research in one of four areas.

Marine Biology and Ecology
Marine Geology
Ocean Engineering
Oceanography

-Students participate in professional development workshops (Science Ethics, Science Communication, Boating, GIS, Graduate School Preparation).

-Students participate in post REU activities (graduate school application support, conference preparation and participation).

Student Success

Conclusions
- The distributed model allows our REU to offer a broad diversity of research topics for students.
- The distributed model provides 40-50 potential mentors in any given year.

- The diversity of research topics helps attract a diverse applicant pool.
- Approximately 54% of our student participants come from groups historically underrepresented in the sciences. More than 60% of our students come from research limited institutions.
- Post-REU support has helped retain students in Ocean Science academic and career pathways.

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