



California Space Grant in the 32nd District

The California Space Grant Consortium supported two universities in the 32nd District: Azusa Pacific University and Cal State Los Angeles.

Azusa Pacific University:

Space Grant-supported projects include:

- Funding student internships/scholarships to work with a mentor on any of several aerospace-related research projects such as water reclamation and sustainable agriculture projects for Moon/Mars missions, assessment of the national security impacts of global climate change, and human performance issues for long-duration spaceflight. Students include underrepresented and disadvantaged individuals (including females and minorities);
- Student development of science displays to attract new students to the sciences;
- Training future science teachers by involvement in science training and research programs;
- Evening seminars for students and faculty mentors exploring job-search strategies, interviewing techniques, and career opportunities;
- A searchable database of "STEM" internship, scholarship, fellowship, and job opportunities with contacts at government agencies, public and private companies, schools, colleges and universities;

Cal State Los Angeles:

Last year the California Space Grant supported the Aerospace Workforce Development Program at the NASA Structures, Propulsion And Control Engineering (SPACE) Center at Cal State Los Angeles. Two graduate underrepresented students were selected to conduct research in the designated research areas of 1. Vibration induced during combustion and 2. Uninhabited Aerial Vehicles (UAVs). These hands-on student-mentor projects involved seed funding from the California Space Grant and matching support in the form of faculty advisors and laboratory resources from Cal State Los Angeles.

This Space Grant support allowed the students to gain technical knowledge and skills for graduate-level research, teamwork and leadership skills needed in the high tech workforce of the 21st century.



California Space Grant student at Azusa Pacific University

