California Space Grant Consortium
Aerospace Workforce Development Program Announcement
Announcement Date: November 25, 2013
Proposal Due Date: January 10, 2014
Performance Period: February 1, 2014 – December 31, 2014

The California Space Grant Consortium (CaSGC) will provide “seed” support for the 2013-2014 fiscal year to CaSGC affiliate institutions for a number of higher education aerospace workforce development educational, research, and hands-on projects that will positively impact the aerospace workforce pipeline.

In recent years the CaSGC affiliate student-mentor efforts (space flight programs, engineering efforts, aeronautics programs, NASA Center and industry intern programs, and educational outreach projects) have had significant impact on training students for aerospace and high technology careers. With CaSGC’s constrained budget, it is important to leverage Space Grant funds by “seeding” projects that:

- Demonstrate ties to NASA Centers or Mission Directorates and alignment with NASA Vision and Mission as it relates to the national goal of an increased science, technology, engineering, and math (STEM) talent pool;
- Provide a means for efficient and effective dissemination of results (through websites, social media, newsletters, journal articles, and presentations, for example);
- Promote interdisciplinary (science, engineering, and business) teaming;
- Seek partnerships with community colleges, particularly Minority Serving Institutions (MSIs);
- Actively pursue the participation of science and engineering students from underrepresented ethnic or gender groups on each participating campus. Diversity efforts can include reaching out to student organizations on your campuses such as the Society of Women Engineers (SWE), National Society of Black Engineers (NSBE), Society of Hispanic Professional Engineers (SHPE), Association for Women in Science (AWIS), American Indian Science and Engineering Society (AISES) as well as STEM diversity organizations such as Mathematics Engineering Science Achievement (MESA) and California Alliance for Minority Participation in Science, Engineering and Mathematics (CAMP) to recruit underrepresented students;
- Obtain matching resources from industry, state agencies, educational institutions, and community workforce organizations; and
- Take responsibility for documenting the quantitative outcomes (demographics of project participants; funds from non-federal sources contributed toward project costs), impacts (how your project has benefited the students involved; any new programs created as a result of this project), and longitudinal tracking of the program (providing contact information for each student awardee so the CaSGC office can contact student for post-graduation career information). Also required are timely responses to CaSGC project summary requests (for CaSGC input into NASA’s OEPM (Office of Education Performance Measurement) System).

1 It is preferred for the majority of the project to be completed by August 25, 2014 however the full performance period can be through December 31, 2014.
2 Underrepresented minorities in STEM (Science, Technology, Engineering, and Math) include Blacks, Hispanics, Native Americans, and Pacific Islanders.
3 Obtaining funding from CaSGC comes with the responsibility of accepting reporting duties. For every project partially supported by CaSGC funds, progress reports must be submitted throughout the year in response to CaSGC requests. Any students involved in the project must be documented, and conditions for scholarships given must be clearly stated. By the end of the project, each funded group must complete a summary report of the entire project.
Note: The proposals are NOT official university proposals that have to be submitted through your Contracts and Grants Offices. The CaSGC Aerospace Workforce Development Program will be handled entirely within the CaSGC organizational structure. However, if your university requires submission through a contracts & grants office or similar entity, please adhere to those requirements. The CaSGC will provide seed funding in the same manner as providing scholarship & fellowship training grants to the affiliates. As with all Space Grant Funds, no indirect costs are allowed and funds may only support students/faculty/staff that are U.S. citizens.

This CaSGC Aerospace Workforce Development Program is open to any faculty at current California Space Grant affiliate institutions, however proposal submission must be through the affiliate Campus Director. For a list of affiliate institutions and affiliate Campus Directors, please visit the following link: http://casgc.ucsd.edu?page_id=27.

**Proposals must include the following five elements:**

1) Summary Information submitted in our Survey Monkey data collection form. This form will collect your proposal abstract and fiscal contact information. Please do not neglect to fill it out; proposals submitted without completion of the form may not be evaluated: https://www.surveymonkey.com/s/CaSGC_Affiliate_Proposals.

2) Cover Page: Include proposal title, principal investigator name and contact information.

3) Proposal Main Body: This must be brief, six pages or less. The projects seeded by these Space Grant funds must meet the rigorous standards of evaluation and reporting associated with the National Space Grant program.

4) Budget Narrative and Details: Space Grant funds may only account for a part of the total budget of the project and are primarily for funding and managing students. Total budget may include a portion of PI’s salary to show matching funds applied to the project. No equipment, food, or clothing may be purchased with Space Grant funds. Remaining funds may be sought from other industry, government, or community sources. Projects will only be funded up to $8,000. Proposals that include a community college partner will be funded up to $10,000. In order to maximize the number of students funded on your Workforce Development project, student awards from this grant may be no more than $2,000 per student.

5) A brief summary of the outcomes of your past California Space Grant workforce projects. Please include number of students involved, diversity statistics, partners, publications, outreach, and evidence of this project developing a workforce (i.e. past awardees working in a STEM field or pursuing an advanced degree).

**Proposals will be evaluated on the following criteria:**

- Originality
- Project Outcomes, Documentation, and Dissemination of Results
- Ties to NASA (NASA Personnel, Facilities and/or Resources)
- Interdisciplinary Teaming
- Diversity (Individuals or Organizations)
- Matching Resources
- Past Project Performance (as described in element number 5 above)

After completing the Survey Monkey form, please submit proposals via email to:

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