



SENIOR DESIGN – SENIOR PROJECT SUPPORT

NEW JERSEY SPACE GRANT CONSORTIUM

A NASA – Sponsored Program

The New Jersey Space Grant Consortium (NJSGC) is pleased to announce the availability of support for senior design projects and other senior projects for science, engineering, or mathematics (STEM) undergraduate students in New Jersey universities.

Background

The New Jersey Space Grant Consortium was established in 1991 by a grant from NASA. The objectives of the consortium are to develop programs to further aerospace and STEM education, as well as to foster research and development in New Jersey. One of our programs is to fund a number of noteworthy senior design projects at New Jersey universities.

Details

- The senior design or the senior project must pertain to NASA's missions of Aerospace Technology, Human Exploration and Development of Space, Space Science, or Earth Science, as outlined in the NASA Program Directorate web site <http://www.nasa.gov/about/directorates/index.html>.
- The award is up to \$900 per group and can only be used for supplies and component parts for the project. No stipends or travel funds are allowed.
- Multi-year awards will be considered for projects proposed by academic institutions that have a "design spine" or an established multi-year design sequence.
- The university of the students involved in the project must match the support amount by 100%.
- A group of students must be involved in the project.
- By NASA mandate, only U.S. citizens are eligible.

Award Procedures and Requirements

- The program is open to all senior design projects, as well other senior projects, in the general fields of space science and technology, aeronautics, exploration or earth science.
- A New Jersey university group can apply for funding by completing the attached application.
- A (maximum two page) document that describes the project, NASA relevance, and estimated expenses should be submitted as part of the application package, together with a document outlining the match.
- Application deadline: September 15, 2010. Applications received after this deadline will be considered only if there are funds available.
- Each fellowship recipient is required to write a 1,000 word report outlining the project that they have conducted. This report can be the same as the final report that the group submits to their own department. Invoices for the purchased supplies should be submitted together with the final report.
- Upon completion of the project and submittal of the final report, NJSGC will provide payment for the supplies used in the project. If the participating design group is not at the lead institution (Rutgers), a subcontract will have to be generated in order to make a disbursement.

Additional Information

Additional information can be obtained by contacting the Program Coordinator, Mr. Joseph S. Miles, at jmiles@stevens.edu or 201-216-8964, or the Director, Dr. Haim Baruh, at baruh@jove.rutgers.edu or 732-445-4462. NJSGC's mailing address is: New Jersey Space Grant Consortium, Room A-200 School of Engineering, Rutgers University, 98 Brett Road, Piscataway, N.J., 08854. <http://njsgc.rutgers.edu>

**NEW JERSEY SPACE GRANT CONSORTIUM
APPLICATION FORM for SENIOR PROJECT SUPPORT
Deadline: September 15, 2010**

Please mail to: New Jersey Space Grant Consortium, A-200 School of Engineering Building, Rutgers University, 98 Brett Road, Piscataway, N.J. 08854. You can also send a single electronic file that contains the requested documents to aieshalo@rci.rutgers.edu

Documents needed:

1. Application form (this form).
2. Project description and list of estimated expenses (maximum two pages).
3. A letter from the faculty advisor and from department chair certifying the match and the form of match.

Name of college or university					
Department					
Project title					
Brief description of project					
Names of students involved		Sex		Ethnicity	
		Sex		Ethnicity	
		Sex		Ethnicity	
		Sex		Ethnicity	
		Sex		Ethnicity	
		Sex		Ethnicity	
Contact information for group					
Name of advisor					
Contact info. for advisor					
Begin and end dates for project					
Amount of support requested					
Date of application					