

October 30, 2006



All the Puerto Rico Scientific Community

Gerardo Morell  
Director

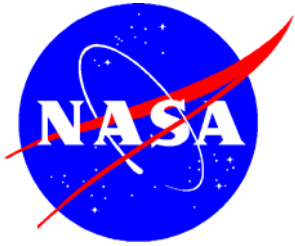
It is a pleasure to notify the PR Scientific Community about the Puerto Rico NASA Space Grant Announcement of Opportunity (AO) 2007-2008 for the Innovative Developments to Enhance Aero-Space Education and Research (IDEAS-ER) program.

The IDEAS-ER program provides up to **\$30K in seed funds** for education and research projects related to NASA. There is a **1:1 match** requirement that can be fulfilled in cash or in-kind services, supplies, etc. Typically, six grants are awarded every year to researchers in public and private institutions around the Island.

Proposals must be received in the PR Space Grant Office by 3:00 PM on Wednesday, **December 20, 2006**. Both hardcopies and pdf files are accepted, as long as they are signed.

The detailed AO can be downloaded in PDF format from our website **<http://prnasa.org/>**. Additional information can be requested by contacting Mayra Martínez, project manager, via email ([mayra@adam.uprr.pr](mailto:mayra@adam.uprr.pr)) or telephone (787-282-7047).

Enclosures



## PUERTO RICO NASA SPACE GRANT

<http://prnasa.org/>



# **INNOVATIVE DEVELOPMENTS TO ENHANCE AEROSPACE EDUCATION AND RESEARCH (IDEAS-ER) 2007-2008**

## **PROGRAM DESCRIPTION**

The Puerto Rico Space Grant Consortium (PRSGC) IDEAS-ER program provides seed funds for one year to stimulate the initiation of **research and education projects** that expand PR's capabilities in areas of interest to NASA. PRSGC has set aside \$180,000 for the 2007-2008 IDEAS-ER period. Awards can be up to \$30,000 plus 1:1 institutional match (cash or in-kind). Continuation proposals must contain a section on "Results from prior support" and evidence of submission of competitive proposals associated to the current project in the Appendix. Generally, no project will be funded for more than two years. **Deadline: 3:00 PM, Dec 20, 2006.**

**1. Eligibility:** Individuals or teams of tenure and tenure-track faculty associated with an accredited higher education institution in PR are eligible to submit proposals.

### **2. Types of Proposals**

**RESEARCH ([HTTP://NSPIRES.NASAPRS.COM](http://NSPIRES.NASAPRS.COM))** Priority will be given to proposals that feature one or more of the following: 1) Have a strong possibility of obtaining competitive funding after the seed-funding period; 2) Increase the collaboration with NASA centers, directorates and missions; 3) Provide research opportunities for graduate and undergraduate students; 4) Show alignment with the VISION FOR SPACE EXPLORATION ([http://www.nasa.gov/mission\\_pages/exploration/main/index.html](http://www.nasa.gov/mission_pages/exploration/main/index.html)).

**EDUCATION ([HTTP://EDUCATION.NASA.GOV](http://EDUCATION.NASA.GOV))** The emphasis is on the engagement of students and educators in Science and Technology, thereby grooming the next generation of scientists and engineers. Priority will be given to proposals that feature one or more of the following: 1) Develop alliances with systemic education efforts at the pre-college and college levels; 2) Foster the implementation or development of engaging educational and special education activities and materials; 3) Sponsor educational enrichment activities in alignment with state priorities and consistent with educational standards; 4) Disseminate information about NASA programs, missions, and accomplishments to students and the general public.

**3. NASA Endorsement:** Research proposals must include a written endorsement (letter or email) from a NASA researcher who has been contacted regarding the relevance of the proposed project to a particular NASA center, directorate, or mission. Links to individual NASA centers, directorates, and missions can be found at <http://www.hq.nasa.gov/hq/centers.html>.

**4. Reporting and Dissemination:** Recipients must provide a six month progress report and a final report within 30 days of project completion. Recipients are expected to present their results in local seminars, meetings or conferences, besides the national and international forums usually attended.

**5. Evaluation Criteria:** Proposals will be evaluated on the basis of their: Scientific soundness of approach; Short- and long-term impact of the project; Researchers' capabilities and related experience; Adequacy of institutional commitment and resources available for achieving the proposal objectives; Relevance to NASA; Budget appropriateness.

# PRSGC IDEAS-ER PROGRAM PROPOSAL GUIDELINES

## 1. Proposal Format

- a. **Cover Page:** Project Title, PI's and Co-I's names, affiliations, contact information, PI's signature, and date.
- b. **NASA Endorsement:** Written letter or email from a NASA researcher endorsing the research proposal on the grounds of its relevance to a NASA center, directorate or mission.
- c. **Summary:** (not an abstract) A one-page description of the project stating the: Scientific Merit, Objectives, Challenges, Enabling Expertise, Enabling Tools, Broader Impacts, and Relevance to NASA. These seven key elements must be explicitly contained in the summary.
- d. **Project Description:** (Not to exceed 10 pages, excluding references)  
Results from Prior Support (continuation proposals only)  
Background and Rationale  
Research (or Educational) Plan  
Milestones  
Broader Impacts  
Facilities and Equipment  
Management
- e. **References Cited** (Format: authors, paper title, journal name, volume, page, year)
- f. **Personnel:** One-page Curriculum Vitae of the PI and each Co-I.
- g. **Budget and Budget Justification:** Proposals are to be implemented in one year and can request up to \$30,000 from PRSGC. Matching funds, in-kind or cash, are required in 1:1 proportion to ensure strong institutional commitment. PRSGC funds may be requested for the stipend of students (US citizens and permanent residents), tuition, travel, publication charges, dissemination materials, expendable materials and supplies, salaries, and fringe benefits. Proposals that primarily fund summer salaries of investigators are not likely to be competitive. Equipment requests cannot be charged to PRSGC, but they can be charged to the match. Each budget item must be explained and justified in a separate Budget Justification page. The Budget must be signed and dated by the appropriate official, next to the printed name and title.
- h. **Appendix:** A letter certifying the cost-sharing commitment(s) must be included with the proposal. Researchers requesting a second year of funding for a given project must submit evidence of attempts to acquire competitive funding for the project.

2. **Submission** - The signed original proposals are **due by 3:00 PM on Wednesday, December 20, 2006**. Both hardcopies and pdf files are accepted, as long as they are signed. They must be addressed to:

Ms. Mayra W. Martínez, Project Manager  
Puerto Rico NASA Space Grant Consortium  
Facundo Bueso Building, Suite 304  
PO Box 23334, UPR Station  
San Juan, Puerto Rico 00931-3334  
Phone: 787-282-7047 / 787-763-6108 / 787-765-5170 x2117  
Email: mayra@adam.uprr.pr

3. **Compliance with Guidelines:** Proposals that do not comply with all requirements detailed above will not be considered.