

October 28, 2009



All the Puerto Rico Scientific Community

Gerardo Morell
Director

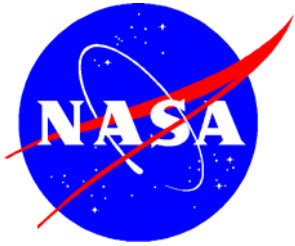
It is a pleasure to notify the PR Scientific Community about the Puerto Rico NASA Space Grant request for proposals (RFP) of the 2010-2011 Innovative Developments to Enhance Aero-Space Education and Research (IDEAS-ER) Program.

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. Funding is available for 4-5 grants for researchers in public and private institutions around the Island.

Proposals must be received in the PR Space Grant Office by 3:00 PM on Friday, **December 18, 2009**. Hardcopies and pdf files are accepted, as long as they are signed.

Additional information can be requested by contacting Ms. Mayra Martínez, project manager, via email (maywale@gmail.com) or telephone (787-282-7047).

Enclosures



PUERTO RICO NASA SPACE GRANT

<http://prnasa.org/>



INNOVATIVE DEVELOPMENTS TO ENHANCE AEROSPACE EDUCATION AND RESEARCH (IDEAS-ER) 2010-2011

PROGRAM DESCRIPTION

The Puerto Rico Space Grant Consortium (PRSGC) IDEAS-ER program provides seed funds to stimulate the initiation of **research and education projects** that expand PR's capabilities in areas of interest to NASA. PRSGC has set aside \$120,000 for the 2010-2011 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. Generally, no project will be funded for more than two years. **Deadline: 3:00 PM, Friday, Dec 18, 2009.**

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).

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 Impact
Facilities and Equipment
Management Plan
Current and Pending Support
- e. **References Cited** (Format: authors, paper title, journal name, volume, page, year)
- f. **Personnel:** Two-page Curriculum Vitae per investigator and their Current and Pending Support.
- g. **Budget and Budget Justification:** Proposals are to be implemented in 15 months (May 1, 2010 – July 31, 2011) 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. Indirect costs are not allowed. Proposals that primarily fund faculty summer salaries 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 the Budget Justification section. 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 Friday, December 18, 2009**.

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: maywale@gmail.com

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

Appendix : NASA Points of Contact

NASA Mission Directorate Contacts

<p><u>Aeronautics Research Mission Directorate</u> Tony Springer Education Liaison NASA Headquarters Phone: (202) 358-0848 Tony.Springer@nasa.gov</p>	<p><u>Science Mission Directorate</u> Stephanie Stockman Education/Public Outreach Lead NASA Headquarters Phone: (202) 358-0039 sstockma@mail.nasa.gov</p>
<p><u>Exploration Systems Mission Directorate</u> Jerry Hartman Education Lead NASA Headquarters Phone: (202) 358-1451 Jerry.G.Hartman@nasa.gov</p>	<p><u>Space Operations Mission Directorate</u> Alotta Taylor Director, Mission Support and Communications NASA Headquarters Phone: (202) 358-2534 alotta.e.taylor@nasa.gov</p>

NASA Center Contacts

<p><u>Ames Research Center</u> Wendy.L.Holforty Education Support Specialist (650) 604-5648 Wendy.L.Holforty@nasa.gov</p>	<p><u>Kennedy Space Center</u> Benita DeSuza Education Project Manager Phone: (321) 861 9083 Benita.Desuza-1@ksc.nasa.gov</p>
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<p><u>Dryden Flight Research Center</u> Katrina.Y.Emery Education Lead Phone: 661-276-5807 Katrina.Y.Emery@nasa.gov</p>	<p><u>Langley Research Center</u> Lloyd Evans University Affairs Officer Phone: (757) 864-5209 Lloyd.B.Evans@nasa.gov</p>
<p><u>Goddard Space Flight Center</u> Mablelene Burrel University Programs Specialist Phone: (301) 286-1122 Mablelene.S.Burrell@nasa.gov</p>	<p><u>Glenn Research Center</u> David Kankam University Affairs Officer Phone: (216) 433-6143 Mark.D.Kankam@nasa.gov</p>
<p><u>Jet Propulsion Laboratory</u> Linda Rodgers University Programs Administrator Phone: (818) 354-3274 linda.rodgers@jpl.nasa.gov</p>	<p><u>Marshall Space Flight Center</u> Frank Six University Affairs Officer Office of Academic Affairs (HS30) Phone: (256) 961-7701 Norman.F.Six@nasa.gov</p>
<p><u>Johnson Space Center</u> Robert Musgrove Manager, Higher Education and Student Programs Phone: (281) 483-3065 Robert.P.Musgrove@nasa.gov</p>	<p><u>Stennis Space Center</u> Nathan Sovik University Affairs Officer Phone: (228) 688-7355 Nathan.A.Sovik@nasa.gov</p>