FELLOWSHIP PROPOSAL APPLICATION GUIDELINES

The ASU/NASA Space Grant Program ([http://nasa.asu.edu](http://nasa.asu.edu)), in collaboration with nominating departments, funds at least two graduate fellowships per year to exceptional graduate students who are studying space sciences, engineering, public policy, earth sciences, science education, and global change-related fields. Applicants are asked to propose an informal education project that will be the focus of their fellowship. Awards include a $8,500 per semester stipend for Masters and $9,000 for PhD students, both in-and out-of-state tuition, and health insurance.

INFORMAL EDUCATION GUIDELINES

In keeping with National Space Grant College and Fellowship Program goals, Space Grant Fellows will need to propose some form of informal education based on, or related to, their principal research and creative activities. An important goal of the Space Grant fellowships is to promote science literacy to the public through informal education activities or the production of informal education materials. At the end of your fellowship, you'll be asked to submit a report detailing your project goal, its significance and methodology used to achieve that goal. For more information on NASA's goals for Informal Education, see [Informal Education Guidelines](http://nasa.asu.edu) document. Please address the following in your Informal Education Project description:

- **Project Description** (maximum of 4 pages, including graphics, but excluding references)
  - Margins: 1 inch, minimum
  - Font: 12 pt minimum, Arial
  - Title: (maximum 10 words or 100 characters, with spaces)
  - Headings: Please use the headings listed below.

  1. **A. Problem**
     - What is the nature & significance of the education challenge you propose to address?
     - Provide demographics of your target audience. As a general rule, applications targeting the traditionally underrepresented are given higher scores in the selection process.
     - What are your institutional partners?!
     - Briefly mention why you are personally motivated and qualified to address this challenge (i.e., your academic, research and/or professional experience, goals and/or philosophy).

  2. **B. Technical Approach**
     - Methods -- how will you address the education challenge?
     - Please list the major education materials, data, technology, and/or research results you plan to use in your educational outreach effort and their source.
Why is your approach appropriate? (e.g., proven track record and/or grounding in accepted education/knowledge transfer/pedagogic theory)

Note any permissions/approvals that might be required.

C. Timetable

Please summarize the major tasks/phases of the project.

Identify milestones and/or critical paths in the task schedule.

D. Expected Outcomes

Estimate/quantify the impact of your proposed project.

E. Evaluation

For education activities, how will learning be assessed?

For educational materials, how will effectiveness be determined?

For the overall project, how will impact be measured?

F. Sustainability Plan

What steps will you take during the project to help ensure that its impact can be sustained beyond the fellowship period?

G. References Cited (not included in page limit)

Proposals that partner with an existing educational program must carefully delineate between what is already provided by the program and what you will introduce that is new to the program.

Though not required, it is encouraged that at least some of the science, data, or technology involved in the project come from NASA or NASA-funded initiatives.

Any pre-college oriented program materials should align with Arizona and/or national math, science, writing, geography, and/or technology standards.

This could be the adoption of an innovation or technology, a sought-after change in behavior, a broader understanding of a concept or idea, and/or the spread of an idea/knowledge/technology to a larger audience.

In addition to submitting your application, you are required to email your resume, unofficial transcript, informal education project, letter of recommendation, and any letters of support from outreach partners to asuspacegrant@gmail.com by noon, April 19th, 2010.