



UTAH NASA EPSCoR Minigrant Research Proposal Opportunity

Guidelines

1. Proposal deadline: 16 Sep 2013, 5:00 p.m.
2. Maximum funding: \$25,000
3. Electronic submittal to: Kim Olson
kim.olson@usu.edu
4. In-kind non-federal matching: 1 to 1
5. Duration: one year with final report due 30 days after completion
6. Renewable: No
7. Eligibility: Faculty member PI at rank below full professor
8. Proposal not more than six pages, not including the cover page and CV
 - a. Cover page
 - b. Description of research
 - c. Tasking schedule
 - d. Expected outcomes
 - e. Potential for follow-on funding
 - f. Proposed budget
 - g. Curriculum vitae

NASA EPSCoR of Utah plans to fund a total of 3 minigrant awards for 2013.

Goals, objectives, and priorities of NASA's EPSCoR program

The purpose of NASA's Experimental Program to Stimulate Cooperative Research (EPSCoR) is to help develop core expertise and infrastructure to enable investigators to successfully compete at the national level for resources on research projects and programs in alignment with the missions of the NASA Mission Directorates. [NASA website:

<http://www.nasa.gov/offices/education/programs/national/epscor/home/index.html>]

NASA-EPSCoR seeding funds will not be used as augmentation of existing federally-funded projects. Priority will be given to proposals that have a high likelihood of leading to follow-up funding from NASA and non-NASA sources outside of the EPSCoR program. Priority will be given to proposals that are in direct alignment with NASA's Strategic Plan, namely Strategic Goals 2, 3, and 4, of NASA's Education Program:

NASA Strategic Plan Goal 2: Expand scientific understanding of the Earth and the universe in which we live.

NASA Strategic Plan Goal 3: Create the innovative new space technologies for our exploration, science, and economic future.

NASA Strategic Plan Goal 4: Advance aeronautics research for societal benefit.

Proposal Content

A. Cover Page

Include project title, identify PI, institution and unit, PI contact information, Sponsored Research Office contact information for your institution.

B. Description of Research

Proposals should provide a narrative of the proposed research activity, including the scientific and/or technical merit of the proposed research, unique and innovative methods, approaches, concepts, or advanced technologies, and the potential impact of the proposed research on its field. Proposals should provide baseline information about current research activities of the PI in the proposed research area. Provide information on anticipated staff and students who may participate in the research program to be aided by a NASA EPSCoR research minigrant award. Proposals should briefly identify the relevance of the proposed research to NASA's research mission and plans and for intended collaboration with NASA staff and/or other entities.

C. Expected outcomes and how success will be measured

Proposals should document the intended outcomes, how they will be measured, and the expected impact.

D. Potential for follow-on funding

Proposals and the final report should discuss the following:

- The progress and potential towards achieving self-sufficiency beyond the award period of the research capabilities developed under this grant; and
- The potential for the proposed research area to continue to grow in importance in space, aerospace, or aeronautics fields in the future.

E. Milestone tasking schedule

A schedule of milestones and timetables for achievement of specific tasks during the award period is to be included.

F. Proposed budget

A budget breakout for direct-billed expenditures is required (budget form is provided on next page). Sources of non-federal in-kind cost sharing must be documented. Waiver of indirect cost by the Institution is a part of cost sharing. NASA EPSCoR RID funds cannot be used for equipment, foreign travel, or for civil-service personnel travel.

G. Curriculum vitae

Curriculum vitae for the proposed PI who will manage the research minigrant must be included. Include a brief summary of the proposed PI's position and location within his/her institution.

NASA EPSCoR of Utah Minigrant Budget Form

| | | | |
|---|--|----------------------|-------------------|
| Project Title: | | Project Year: | |
| | | Start: _____ | |
| | | Complete: _____ | |
| Principal Investigator: | | Organization: | |
| 1. Salary Costs | | NASA Funds Requested | Non-Federal Match |
| a. | | | |
| b. | | | |
| c. | | | |
| d. | | | |
| e. Graduate Student Support | | | |
| f. Undergraduate Student Support | | | |
| Total Personnel | | | |
| 2. Fringe Benefits (Specify rates) | | | |
| 3. Total Wages, Salaries, Benefits (1 + 2) | | | |
| 4. Supplies & Materials | | | |
| 5. Equipment | | | |
| 6. Travel Costs | | | |
| 7. Publication & Report Costs | | | |
| 8. Sub-award Costs (if appropriate) | | | |
| 9. Consultant Costs | | | |
| 10. Communication Costs | | | |
| 11. Other Direct Costs | | | |
| 12. Total Direct Costs | | | |
| 13. Indirect Costs for cost matching (Specify rates) | | | |
| 14. Total Project Costs (12 + 13) | | | |