



## UTAH NASA EPSCoR Minigrant Research Proposal Opportunity

### Guidelines

1. Proposal deadline: 22 Sep 2014, 5:00 p.m.
2. Maximum funding: \$25,000
3. Electronic submittal to: Kim Olson  
[kim.olson@utah.edu](mailto:kim.olson@utah.edu)
4. In-kind non-federal matching: 1 to 1 minimum
5. Duration: October 18, 2014 – October 17, 2015 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 4 minigrant awards for 2014-15. Two awards will be made among the following research institutions: University of Utah, Brigham Young University, Utah State University, and Weber State University. The other two awards will be made to historically non-research institutions: Dixie State College, Southern Utah University, Utah Valley University, Westminster College, Salt Lake Community College and Snow College. The distinction of two awards going to historically non-research institutions follows recent NASA priorities and promotes Utah's mission to spread available EPSCoR resources across all educational institutions within the state.

As of FY 2014, Utah is no longer eligible as an EPSCoR state. Therefore, the 2014-2015 NASA EPSCoR RID funding will be the final year of funding for this program in Utah. We have been notified that no-cost extensions will most likely not be awarded for this program and that we need to plan to spend all funds by the end date of this program, which is October 17, 2015. As you prepare your proposal, please plan accordingly and realize that all work for this program must be completed in the time period October 18, 2014 – October 17, 2015.

## **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). A minimum of one-to-one cost share is mandatory. However, additional matching over the required \$25,000 is accepted if aligned with the work involved on this project. Sources of non-federal cost sharing (cash, in-kind, or 3<sup>rd</sup> party) must be documented. Waiver of indirect cost by the Institution can be part of cost sharing, however, this waiver must be approved by the institution. NASA EPSCoR RID funds cannot be used for equipment, foreign travel, or for civil-service personnel travel.

The funds being issued for this opportunity have already been received at the University of Utah through the NASA EPSCoR Office. If you are awarded a minigrant, the funds will be distributed through a subcontract (outside institutions) or project (U of U awardee). Please contact Patricia Bradshaw ([patricia.bradshaw@hsc.utah.edu](mailto:patricia.bradshaw@hsc.utah.edu)) or Kim Olson ([kim.olson@utah.edu](mailto:kim.olson@utah.edu)) with any questions on the budget preparation or budget processing if awarded.

#### **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)			