

REQUEST FOR PRE-PROPOSALS

NASA EPSCoR Research CAN Grant Opportunity: 2013-2016

The NASA EPSCoR of Utah program requests aerospace and space science research pre-proposals for the NASA EPSCoR Research Program. Pre-proposals will be used to determine those proposals that will be fully developed in response to the NASA RFP which is expected to be released in January 2013. NASA allows two proposals to be submitted per state. Researchers can propose for up to \$750,000 over a 3 year period.

The National Aeronautics and Space Administration (NASA) Office of Education, in cooperation with NASA's Aeronautics Research Mission Directorate (ARMD), Human Exploration & Operations Mission Directorate (HEOMD), and Science Mission Directorates (SMD), the Office of the Chief Technologist (OCT), and NASA's ten Centers, is expected to solicit proposals for the NASA Experimental Program to Stimulate Competitive Research (EPSCoR) in January 2013. Each funded NASA EPSCoR proposal is expected to establish research activities that will make significant contributions to NASA's strategic research and technology development priorities and contribute to the overall research infrastructure, science and technology capabilities, higher education, and economic development of the jurisdiction.

After receipt of the pre-proposals, the NASA EPSCoR of Utah Technical Advisory Committee (TAC) will review and recommend the top two pre-proposals to be developed into full proposals. The TAC will be reviewing proposals based on overall merit with the the following specific objectives of the NASA EPSCoR Program:

- Contribute to and promote the development of research capability in NASA EPSCoR jurisdictions in areas of strategic importance to the NASA mission;
- Improve the capabilities of the NASA EPSCoR jurisdictions to gain support from sources outside the NASA EPSCoR program;
- Develop partnerships among NASA research assets, academic institutions, and industry;
- Contribute to the overall research infrastructure, science and technology capabilities, higher education, and economic development of the jurisdiction; and
- Work in close coordination with the Space Grant consortium in the jurisdiction to improve the environment for science, technology, engineering and mathematics (STEM) education.

NASA EPSCoR research priorities are defined by the Mission Directorates (Aeronautics Research, Human Exploration & Operations, and Science), the Office of the Chief Technologist and NASA's ten Centers. Each Mission Directorate, the Office of the Chief Technologist, and Center covers a major area of the Agency's research and technology development efforts.

Research priorities for each of the Mission Directorates (includes Centers) and the Office of the Chief Technologist can be found via the links below:

- **Aeronautics Research Mission Directorate (ARMD)**
<http://www.aeronautics.nasa.gov/programs.htm>

- **Human Exploration & Operations Mission Directorate (HEOMD)**
<http://humanresearchroadmap.nasa.gov>
- **Science Mission Directorate (SMD)**
<http://science.hq.nasa.gov/strategy/>
<http://science.nasa.gov/media/medialibrary/2010/08/10/2010SciencePlan.pdf>
- **Office of the Chief Technologist (OCT)**
<http://www.nasa.gov/offices/oct/home/index.html>

More information on the above programs is available within the full 2012 RFP which is also attached to this announcement. (EPSCoR_2012_Research_CAN.pdf) *NASA has indicated to us that we can expect little change for the 2013 solicitation from the 2012 solicitation.*

Pre-Proposal Guidelines

Applications must include:

- (1) Proposal title
- (2) A list of proposed investigators (if including more than one PI, please indicate the Primary PI).
- (3) Contact information for Primary PI
- (4) Abstract (no longer than one page)
- (5) CV (no longer than 3 pages) for each PI
- (6) Describe how you intend to cover matching (50%) if an award is made

Please submit the items above in a single pdf file to Kim Olson (kim.olson@usu.edu).

Please be advised that only two NASA EPSCoR-CAN proposals can be submitted from the State of Utah per year. NASA intends to fund a total of between 8 and 10 EPSCoR-CAN proposals across the entire country each year. NASA will require 50% matching funds from non-federal sources.

The NASA EPSCoR of Utah Technical Advisory Committee (TAC) will review these pre-proposals to select the two Utah proposals that will write a full proposal to NASA. Definite dates are yet to be determined but we anticipate a solicitation from NASA in January 2013 with full proposals due around March 1, 2013.

Deadlines:

Submission to kim.olson@usu.edu: on or before December 14, 5:00 p.m.
Utah selections will be made by TAC: early January 2013
Selected proposals deadline to NASA: March 2013

If you have any questions, please contact Joseph Orr (joseph.orr@hsc.utah.edu) or Kim Olson (kim.olson@usu.edu).