



**INFRASTRUCTURE SEED AWARD PROGRAM
2016/17
"ENERGIZE NEW MEXICO"**

BACKGROUND

The New Mexico EPSCoR (National Science Foundation Experimental Program to Stimulate Competitive Research; nmepscor.org) grant seeks to improve our understanding of how New Mexico can realize its energy development potential in a sustainable manner. The current focus areas include:

- Bioalgal Energy Development
- Geothermal Energy Resources and Sustainability
- Solar Energy Research
- Osmotic Power Development
- Uranium Transport and Site Remediation
- The Social and Natural Sciences Nexus
- Cyberinfrastructure
- Communicating Research to the Public
- Broadening Participation in Science, Technology, Engineering and Mathematics

INFRASTRUCTURE SEED AWARD OBJECTIVES

The Infrastructure Seed AWARD (ISA) program is designed to increase the impact of NM EPSCoR on the undergraduate student population at New Mexico's non-PhD granting institutions. *The intent of the ISA program is to increase the access of undergraduate students, especially women and members of underrepresented groups, to research experiences by increasing non-PhD granting institutions' capacity to provide research experiences for students.* The ISA may be used to purchase research and teaching equipment related to the NM EPSCoR research areas listed above and to pay for student researcher salaries, research supplies, and student conference travel.

ELIGIBILITY

Faculty members at any public (including Bureau of Indian Education) 2 or 4-year New Mexico institution of higher education that does not offer STEM PhD degree programs are eligible to apply. The proposed infrastructure improvements must serve to enhance undergraduate research opportunities. Collaborations with PhD-granting institutions are allowed in order to leverage additional resources and access additional expertise, but the focus must remain on building the non-PhD granting institutions' capacity to provide and support undergraduate research experiences. A PhD granting institution cannot be the lead institution for ISA proposals. In addition, *no more than one proposal from an eligible institution should be submitted.*

FUNDING AMOUNT AND AWARD PERIOD

Funding for each proposal will not exceed \$50,000, including any allowable indirect costs (F&A). Funding is for one year; the anticipated award period will be August 1, 2016, through July 30, 2017.

FORMAT OF PROPOSAL

Proposals must be submitted in digital format in MS Word or as a PDF file, using a standard font in 11 point or larger, with one-inch margins. A maximum of 7 pages, excluding budget and appendices, is allowed and must include the information below. Reviewers will not review proposals that exceed the page limit.

Proposal Cover Page (1 page)	<ul style="list-style-type: none"> • Proposal Title • Lead Investigator, Co-Investigator(s), primary affiliation, and all contact information • Date of Submission
Project Summary (1 page)	<ul style="list-style-type: none"> • Half-page summary statement (maximum of 250 words) appropriate for general audiences
Project Description (max 5 pages)	<ul style="list-style-type: none"> • Overview, objectives and significance • Background: description of need and context of proposed infrastructure improvement • Description of activities, including how equipment to be purchased will be used for research and education • Timetable of activities • Statement of anticipated outcomes and benefits (e.g., number and type of undergraduate research opportunities created, number of students impacted, links to further STEM education opportunities created) • If the investigator already receives support from NM EPSCoR, explain how the Seed Award is different from other EPSCoR funding.
Budget and 1 page Justification (not included in 7 pages)	<ul style="list-style-type: none"> • Budgets are to be submitted in NSF format. Budgets may include: equipment; undergraduate student salaries, fees, and tuition; supplies; travel; and up to one month of summer salary support for one faculty member at the lead institution. The budgets must include appropriate fringe benefits on all personnel salary and must include allowable F&A. Proposers should use the approved F&A rate for their institution; F&A <i>cannot</i> be waived.
Appendices (not included in the 7 pages)	<ul style="list-style-type: none"> • Curriculum vitae of all investigators (maximum 2 pages each) • Statement agreeing to provide a final report within 2 months of award completion as well as timely responses to additional requests for information from the NM EPSCoR office • Letter of support from PI's institutional lead for research or academics • Catalog information on equipment to be purchased.

INVOICING TERMS

Monthly invoices with supporting documentation will be submitted to the NM EPSCoR office for reimbursement of allowable costs, using a template provided by NM EPSCoR. All funds must be expended within one year from the start date of the award.

REPORTING REQUIREMENTS

Grantees are required to submit a final report (1–3 pages) within 2 months of the end of the award period. The report should detail the activities, equipment purchased, publications, new courses developed, extramural grant application(s), and/or extramural grant awards arising from support. Include names, degrees, and demographic information for any students supported by the award. In addition, grantees are required to provide other information to the NM EPSCoR State Office, when requests, and information on activities to the NM EPSCoR External Evaluator. Within the term of the award, awardees must work with the Cyberinfrastructure (CI) Team at UNM's Earth Data Analysis Center (EDAC) to integrate data collected or generated with the acquired infrastructure into the EPSCoR data repository, according to the guidelines provided by EDAC and in alignment with the NM EPSCoR Data Management Plan.

PROPOSAL REVIEW

External reviewers will review proposals, using a process overseen by the EPSCoR Management Team. Proposals will be reviewed for relevance to NM EPSCoR's aims, justification of budget, and potential for increasing undergraduate students' access to research experiences, especially for women and those from underrepresented groups. A sub-committee of the NM EPSCoR Management Team will make final funding decisions.

PROPOSAL SUBMISSION

Proposals should be submitted as a single complete document with any graphics embedded in the document. Submit the proposal document by email to: Anne Jakle, NM EPSCoR Associate Director, at ajakle@epscor.unm.edu.

Proposals must be submitted electronically by **5:00 pm May 20, 2016**.

Proposers are encouraged to contact the New Mexico EPSCoR Associate Director for additional information:

Anne Jakle

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