

# Nevada NASA EPSCoR

## **REQUEST FOR PROPOSALS: Research Infrastructure Building Proposals**



Nevada NASA EPSCoR Office  
Nevada System of Higher Education  
755 E. Flamingo Road  
Las Vegas, NV 89119-7363

**CLOSING DATE**  
**Friday, April 24, 2009**

## **I. INTRODUCTION**

The goal of NASA's Experimental Program to Stimulate Competitive Research (EPSCoR) is to develop academic research enterprises that are long term, self-sustaining and nationally competitive for non-EPSCoR dollars. This program targets states of modest research infrastructure and provides funding to develop a more competitive research base within higher education research institutions. The Nevada NASA EPSCoR program (<http://www.nevada.edu/epscor/>) works in conjunction with the Nevada NASA Space Grant College and Fellowship Program ([www.nevadaspacegrant.com](http://www.nevadaspacegrant.com)) and is represented throughout the state by participating higher learning institutions. These include: College of Southern Nevada; Desert Research Institute; Great Basin College; Nevada State College; Truckee Meadows Community College; University of Nevada, Las Vegas; University of Nevada, Reno; and Western Nevada College.

## **II. PROGRAM DESCRIPTION AND INSTRUCTIONS**

### **A. Program Solicitation**

The Nevada NASA EPSCoR office seeks to award funding for the purpose of building scientific expertise, building research infrastructure and strengthening collaborations between NSHE personnel and NASA centers. The programmatic aim is to further engage and utilize Nevada's unique resources and talent for enhancing greater scientific discovery, developing new technologies, and educating students in order fulfill the nation's need for science, mathematics, engineering, and technology as they pertain to NASA's research and exploration enterprises.

Those investigators that effectively demonstrate progress from initial contact and collaborations with NASA research centers to more sustainable programs are especially encouraged to apply.

### **B. Eligibility**

Faculty at all Nevada institutions, junior faculty, women, and members of other underrepresented populations are especially encouraged to apply. Awards are made only to faculty of Nevada institutions.

### **C. Award Information**

Awards can range up to \$40,000 maximum per proposal. The total amount to be funded this award period is anticipated at \$80,000 and is subject to the availability of funds. The approved funding period is anticipated to be through June 30, 2010. Final progress reports are required to be completed by July 1, 2010. \*Those who receive funding are required to provide reporting documentation regarding participation and progress in February of 2010.

### **D. Award Obligations**

Award recipients are required to attend and make a presentation at the NASA Space Grant Western Regional Meeting in Fall 2009. Awardees will also be responsible for producing a report that includes papers published in refereed journals, presentations or abstracts at professional meetings, grant proposals submitted, grant proposals funded, collaborations with NASA centers and institutions across the state.

### **E. Proposal Preparation and Submission Instructions**

Proposals must be typed, single-sided, single-spaced, and use a **Times Roman 12 pt.** font and numbered.

**1. Cover Page (form in Appendix)**

- Signature of Applicant
- Signature of Department Chair
- Signature of Office of Sponsored Projects/Programs

**2. Project Description (limited to 5 pages)**

Provide a concise description of the proposed research or research-building activities, the methods to be used, any collaboration with NASA Research Centers and the relevance to NASA's programs. Include a description on how the proposal will contribute to the faculty's institutional aims and NASA's national programmatic goals. Specific references to NASA's programs and missions (see [www.nasa.gov](http://www.nasa.gov)) and clear relevance to NASA's research opportunities (<http://nspires.nasaprs.com/external/>) are required. Include a description of how the proposal will contribute to Nevada's NASA strategic enterprises (e.g. Astrophysics, Astrobiology, Aeronautics and Astronautics, and Planetary Geology and Geophysics) and state EPSCoR goals (<http://www.nevada.edu/epscor/>)

**3. Budget and Specific Cost Summary (Total Budget Summary in Appendix. Also must complete Excel Budget Summary and Specific Cost Template attached to RFP pdf).**

Faculty, students and NSHE personnel may use funds for salary, travel, materials and supplies and other resources necessary to build research infrastructure. However, there are restrictions on the use of funds for foreign travel and the standard restrictions and conditions specified by NASA programs apply (see section III for details). Budget must include applicable F&A (indirect costs) for your institution. Funds are restricted to justifiable costs under this project. Please provide a specific cost summary justifying the budget form.

A budget and budget summary are required and must be completed using the forms provided. Dollar amounts proposed with no explanation may reduce proposal acceptability. Direct labor costs should be separated by titles or disciplines with hours, hourly rates, and total amounts of each. Proposed travel should include the number of trips, destination, duration, etc. All budgets must be initialed by the applicant institution's Office of Sponsored Projects.

**4. Biographical Sketch or Curriculum Vitae**

Limited to two pages per person, including the PI, Co-PI(s) and student(s) involved who are represented as having a major role in the project.

**5. Current and Pending Support**

The form located within the appendices must be filled out and attached with your application.

**Proposals must be e-mailed to [michele.dewey@nevada.nshe.edu](mailto:michele.dewey@nevada.nshe.edu) in one (1) complete \*pdf formatted file and are due Friday, April 24, 2009 by 5:00 p.m.**

**Proposals received without any of the above required information will be returned.**

### **III. BUDGET GUIDELINES AND GRANT ADMINISTRATION**

Nevada NASA EPSCoR Core Funding awards will only support the following costs: Salaries; wages; fringe benefits; consultants; equipment; supplies; and travel, in accordance with OMB Circular A-21. The Nevada NASA EPSCoR office must be notified of changes in personnel.

### **IV. PROPOSAL REVIEW PROCESS AND EVALUATION CRITERIA**

The screening and selection process will include a review committee that will focus on these areas:

- Potential competitiveness from NASA and other sources
- Alignment with Nevada's NASA strategic enterprises and NASA's national missions and goals
- Effect on infrastructure for the State's scientific and engineering research, education, and human resources base, including women, underrepresented minorities, and individuals with disabilities
- Budget is appropriate for scope

### **V. PROPOSAL SUBMISSION, AWARD NOTIFICATION, AND TIMELINE**

#### **A. Submission**

**Submit proposals in a \*pdf file to:**

**Michele Dewey**  
NASA EPSCoR  
Nevada System of Higher Education  
E-mail: [michele.dewey@nshe.nevada.edu](mailto:michele.dewey@nshe.nevada.edu)  
Phone: 702.862.5589

#### **B. Obligation to the Government**

Faculty and students who receive support through the Nevada NASA EPSCoR Core Funding program do not incur any formal obligations to the government of the United States, the objectives of the program clearly will be best served if participants in the program intend to pursue further study of careers in aerospace science and technology fields and support areas. Applicants for the award will be considered without regard to race, color, religion, sex, age, national origin and/or physical impairment.

#### **C. Contacts**

**Nevada NASA EPSCoR Program Office:**

**Homepage:** Nevada NASA EPSCoR at <http://www.nevada.edu/epscor/programs-nasa.html>

**Dr. Christian Fritsen, Nevada NASA EPSCoR and Space Grant Consortium Director**

Phone: 775.673.7487      E-mail: [chris.fritsen@dri.edu](mailto:chris.fritsen@dri.edu)

**Dr. George Rhee, Nevada NASA EPSCoR Associate Director**

Phone: 702.895.4453      E-mail: [grhee@physics.unlv.edu](mailto:grhee@physics.unlv.edu)

**Michele Dewey, NSHE Research Administrator**

Phone: 702.862.5589      E-mail: [michele.dewey@nshe.nevada.edu](mailto:michele.dewey@nshe.nevada.edu)

## **APPENDIX: FORMS**

**Cover Page**  
**Nevada System of Higher Education**  
**Nevada NASA EPSCoR**  
**Research Infrastructure Building Proposals**

Name of Project: \_\_\_\_\_

Principal Investigator: \_\_\_\_\_

Institution Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Department: \_\_\_\_\_

City: \_\_\_\_\_ State NV Zip Code: \_\_\_\_\_ - \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

Funding Requested: \$ \_\_\_\_\_

*The principal investigator certifies the accuracy of the information in this proposal, and certifies that he/she is a faculty member of the NSHE during the period covered in the attached proposal.*

**X**  
**PI/Applicant** \_\_\_\_\_ (please print name here) **Date**

**X**  
**Department Chair** \_\_\_\_\_ (please print name here) **Date**

**X**  
**Office of Sponsored Projects/  
Programs/Business Manager** \_\_\_\_\_ (please print name here) **Date**

## Current and Pending Support

Investigator:	Other agencies (including NSF) to which this proposal has been/will be submitted.
Support: <input type="checkbox"/> Current <input type="checkbox"/> Pending <input type="checkbox"/> Submission Planned in Near Future <input type="checkbox"/> *Transfer of Support Project/Proposal Title:	Source of Support: Total Award Amount: \$ _____ Total Award Period Covered: _____ Location of Project: Person-Months Per Year Committed to the Project.    Cal: mo    Acad:    Sumr:
Support: <input type="checkbox"/> Current <input type="checkbox"/> Pending <input type="checkbox"/> Submission Planned in Near Future <input type="checkbox"/> *Transfer of Support Project/Proposal Title:	Source of Support: Total Award Amount: \$ _____ Total Award Period Covered: _____ Location of Project: Person-Months Per Year Committed to the Project.    Cal: mo    Acad:    Sumr:
Support: <input type="checkbox"/> Current <input type="checkbox"/> Pending <input type="checkbox"/> Submission Planned in Near Future <input type="checkbox"/> *Transfer of Support Project/Proposal Title:	Source of Support: Total Award Amount: \$ _____ Total Award Period Covered: _____ Location of Project: Person-Months Per Year Committed to the Project.    Cal : mo    Acad:    Sumr:
Support: <input type="checkbox"/> Current <input type="checkbox"/> Pending <input type="checkbox"/> Submission Planned in Near Future <input type="checkbox"/> *Transfer of Support Project/Proposal Title:	Source of Support: Total Award Amount: \$ _____ Total Award Period Covered: _____ Location of Project: Person-Months Per Year Committed to the Project.    Cal : mo    Acad:    Sumr:

\*If this project has previously been funded by another agency, please list and furnish information for immediately preceding funding period.

USE ADDITIONAL SHEETS AS NECESSARY

# BUDGET SUMMARY

**PLEASE ALSO COMPLETE EXCEL BUDGET SUMMARY AND SPECIFIC COSTS TEMPLATE ATTACHED TO THIS PDF.**

From: \_\_\_\_\_

To: **June 30, 2010**

	RECIPIENT'S COSTS	NSHE/NASA USE ONLY	
	A	B	C
1. Direct Labor (salaries, wages, and fringe benefits)	_____	_____	
2. Other Direct Costs:			
a. Subcontracts	_____	_____	
b. Consultants	_____	_____	
c. Equipment	_____	_____	
d. Supplies	_____	_____	
e. Travel	_____	_____	
f. Other	_____	_____	
3. Indirect Costs	_____	_____	
4. Other Applicable Costs	_____	_____	
5. SUBTOTAL -- Estimated Costs	_____	_____	
6. Less Proposed Cost Sharing (non-recovered ICR)	_____	_____	
7. TOTAL ESTIMATED COST	_____	_____	XXXXXXXXXXXXXX
<b>APPROVED BUDGET</b>	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	_____

<p><u>  X  </u> Signature of Principal Investigator</p>	<p><u>  X  </u> Signature of Office of Sponsored Projects/Programs/Business Manager</p>
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