

Nevada NASA Space Grant Consortium



REQUEST FOR PROPOSALS: Proposal Development Awards

Nevada NASA Space Grant Consortium
2215 Raggio Parkway
Reno, NV 89512

CLOSING DATE
September 1, 2008

I. INTRODUCTION

A. Support for NASA proposal development activities.

One of Nevada NASA's Space Grant Consortium's (NvSGC) goals is to develop academic research enterprises that are long term, self-sustaining and nationally competitive for non-Space Grant dollars. To aid in this goal, the NvSGC program is seeking to provide seed money for proposal development activities, research ideas and collaborations that will be competitive in the federal government's non-Space Grant or Nevada EPSCoR solicitations. The programmatic aim is to build expertise and research infrastructure as well as strengthen collaborations between Nevada System of Higher Education (NSHE) personnel and NASA centers. The office is specifically looking to support activities that effectively demonstrate progress from initial contact and collaborations with NASA research centers to more sustainable programs and those activities that will result in the development of proposals being submitted to NASA in 2008 or the spring of 2009.

B. Eligibility

Faculty and their students 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

The Proposal Development Awards can range up to \$10,000 maximum per proposal. The total amount to be funded this award period is anticipated at \$80,000. Awards are subject to the availability of funds which originate from NASA headquarters. The approved funding period is anticipated to be through March 1, 2009. A brief report is required to be completed by the end of the award.

D. Proposal Preparation and Submission Instructions

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

1. Cover Page (form in Appendix)

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

2. Summary (limited to 3 pages)

Provide a concise summary that describes the proposal, the methodology to be proposed and the nature of any collaboration with NASA Research Centers. Include a description on how the proposal will contribute to Nevada's NASA four strategic enterprises (e.g. Astrophysics, Astrobiology, Aeronautics and Astronautics, and Planetary Geology and Geophysics) and NASA's national programmatic goals. Specific references to NASA programs and missions www.nasa.gov and the state Space Grant goals (<http://www.nevadaspacegrant.com/>) are especially pertinent.

To see a current listing of research opportunities from NASA visit <http://nspires.nasaprs.com/external/> and go to *Open solicitations* under the "Solicitations" link.

Examples of current opportunities that are open for proposals include the following:

- NASA Lunar Science Institute Cooperative Agreement Notice
- Research Opportunities in Fluid Physics
- Dual Use Technology Development at NASA John C. Stennis Space Center
- Research Opportunities for Fundamental Space Biology Investigations in Microbial, Plant and Cell Biology
- Research Opportunities in Space and Earth Sciences (ROSES) – 2008 (see Table 2 for specific program due dates)
- NASA ARMD RESEARCH OPPORTUNITIES IN AERONAUTICS (ROA) NRA

3. Budget and Specific Cost Summary (forms in Appendix)

Faculty, students and NSHE personnel may use funds for salary, travel, materials and supplies and other resources necessary to develop the proposal that support NASA's research and exploration goals. However, there are restrictions on the use of these funds for foreign travel, the purchasing of equipment and support can only go to U.S. citizens. In addition 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, or include a waiver from your institution. Funds are restricted to justifiable costs under this project. Please provide a specific cost summary justifying the budget form.

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 nvsg@dri.edu in one (1) complete *pdf formatted file and are due Monday, September 1, 2008 by 5:00 p.m.

Note- NvSGC anticipates releasing a similar request for proposals in early November (depending on funding from NASA).

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

III. BUDGET GUIDELINES AND GRANT ADMINISTRATION

Nevada NASA Space Grant Core Funding awards will only support the following costs: Salaries; wages; fringe benefits; consultants; supplies; and travel, in accordance with OMB Circular A-21. The Nevada NASA Space Grant 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 the following areas:

- Commitment to submitting a proposal to NASA in 2008 or spring of 2009
- Potential competitiveness within NASA programs and/or other sources
- Alignment with Nevada's NASA strategic enterprises and NASA's national missions and goals
- Effect on infrastructure for Nevada'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

A. Submission

Submit proposals in a *.pdf file to:

Leone Thierman
Program Coordinator
Nevada NASA Space Grant Consortium
E-mail: nvsg@dri.edu
Phone: 775.673.7674

B. Obligation to the Government

Faculty and students who receive support through the Nevada NASA Space Grant 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 Space Grant Program Office:
Homepage: Nevada NASA Space Grant at <http://www.nevadaspacegrant.com>

Dr. Christian Fritsen, Nevada NASA Space Grant and Space Grant Consortium Director
Phone: 775.673.7487 E-mail: chris.fritsen@dri.edu

Leone Thierman, Nevada NASA Space Grant Program Coordinator
Phone: 775.673.7674 E-mail: nvsg@dri.edu

APPENDIX: FORMS

Cover Page
Nevada NASA Space Grant
Proposal Development Grants 2008

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.

Signature _____ **Date**
Principal Investigator _____ (please print name here)

Signature _____ **Date**
Office of Sponsored Projects/ _____ (please print name here)
Programs/Business Manager

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

SPECIFIC COSTS

Project Title: _____

Project Lead: _____

1. **Direct Labor (salaries, wages, and fringe benefits):** Attachments should list number and titles of personnel, amounts of time to be devoted to the grant, and rates of pay.

Senior Personnel Position	Effort	Rate of Pay
Mrs. X(NSHE) Administration	25%	\$4,167x3mos.= \$30,000
		<i>FY08: \$5,000 federal \$5,000 SPM</i>
		<i>FY09: \$5,000 federal \$5,000 SPM</i>
		<i>FY10: \$5,000 federal \$5,000 SPM</i>

Other Personnel

Total Personnel: \$30,000 = \$15,000 federal + \$15,000 SPM

Fringe Benefits

NSHE - The current rate is 26% for professional employees

Mrs. X	FY08: \$10,000 x 26% = \$2,600
	FY09: \$10,000 x 26% = \$2,600
	FY10: \$10,000 x 26% = \$2,600

Total Fringe: \$ _____

1. Total Direct Labor: \$ _____

2. Other Direct Costs:

a.	Subcontracts: N/A	\$0.00
b.	Consultants: N/A	\$0.00
c.	Equipment: N/A	\$0.00
d.	Supplies:	
e.	Travel:	Total: \$ _____

Destination\Number of Individuals

Cost Estimate

Nevada NASA Space Grant Annual Conference (PD/AD/RA) to include airfare, hotel accommodations and motor pool:

From Reno/LV TBD: FY07-09: \$400 ea. 1 trip x 7 pax = \$2,800

f.	Other:	Total: \$ _____
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2. Total Other Direct Costs: \$ _____

3. Indirect Costs:

Indirect is computed for NSHE at a XX% rate (*.XX) = \$

3. Total Indirect Costs: \$ _____

SUBTOTAL – Estimated Costs: \$ _____

Total Proposed Cost Sharing: \$ _____

Total Estimated Costs: \$ _____

Nevada NASA Space Grant Consortium Proposed Budget

From: _____

To: _____

TITLE of PROGRAM: _____

Institution: _____

PI Name: _____

DIRECT LABOR (SALARIES, WAGES, AND FRINGE BENEFITS)	NASA Federal	Special Projects Match	Institutional Match
SALARIES			
TOTAL SALARIES	\$ -	\$ -	\$ -
FRINGE BENEFITS			
TOTAL FRINGE BENEFITS	\$ -	\$ -	\$ -
1. TOTAL SALARY AND FRINGE BENEFITS	\$ -	\$ -	\$ -
OTHER DIRECT COSTS:			
A. SUBCONTRACTS			
B. CONSULTANTS			
C. EQUIPMENT			
D. SUPPLIES (List)			
E. TRAVEL			
Domestic			
F. OTHER (List)			
2. TOTAL OTHER DIRECT COSTS	\$ -	\$ -	\$ -
3. TOTAL DIRECT COSTS (1+2)	\$ -	\$ -	\$ -
INDIRECT COSTS			
4. TOTAL INDIRECT COST			
UNR (insert rate)			
UNLV (insert rate)			
DRI (insert rate)			
5. TOTAL ESTIMATED COST	\$ -	\$ -	\$ -
APPROVED BUDGET (NSHE Use Only)	\$ -	\$ -	\$ -

PI/PD Signature

Printed Name

DATE

Institutional Representative Signature

Printed Name

DATE