

**New Mexico Space Grant Consortium (NMSGC)  
Student Competition  
Call for Proposals**

The Student Competition Program provides student teams participating in NASA related design competitions to receive support for their efforts. Funding may be used for travel or supplies. Awards may be made for up to \$5,000.

Proposal Due: Proposals are accepted any time. If awarded, it will take at least 45 days to process your request.

Submit proposal to: Email proposal to: [nmsgc@nmsu.edu](mailto:nmsgc@nmsu.edu)  
AND  
Mail signed proposal with original signatures to:  
New Mexico Space Grant Consortium  
MSC SG, Box 30001  
Las Cruces, NM 88003

#### A. OBJECTIVES

The overall goal for this program is to effectively utilize the resources available through NMSGC to support student participation in space and aerospace related design competitions such:

- NASA Reduced Gravity Student Flight Opportunities Program  
<http://microgravityuniversity.jsc.nasa.gov/>
- NASA Lunabotics Mining Competition  
<http://www.nasa.gov/offices/education/centers/kennedy/technology/lunabotics.html>
- AIAA Undergraduate Team Aircraft Design Competition  
<http://www.aiaa.org/content.cfm?pageid=224>
- NASA University Student Launch Initiative  
[http://www.nasa.gov/offices/education/programs/descriptions/University\\_Student\\_Launch\\_Initiative.html](http://www.nasa.gov/offices/education/programs/descriptions/University_Student_Launch_Initiative.html)
- New Mexico Space Grant Student Launch Program  
<http://www.launchnm.com/>
- NASA Flight Opportunities Program  
<https://flightopportunities.nasa.gov/about/>
- Other programs with prior approval from NMSGC

#### B. ELIGIBILITY

Student teams at universities, colleges, and community colleges who are members of the New Mexico Space Grant Consortium are eligible to apply. The following list comprises current NMSGC higher education member institutions:

- New Mexico State University
- University of New Mexico
- New Mexico Institute of Mining and Technology
- Dona Ana Community College
- San Juan College
- Southwestern Indian Polytechnic Institute
- New Mexico Highlands University
- Other New Mexico Higher Education Institutions may apply

#### C. DURATION, AND AMOUNTS OF AWARDS

Duration of projects is one academic year. A shorter duration, depending on the project, may be proposed. Awards may be for up to \$5,000.

#### D. ASSESSMENT OF APPLICATIONS

Each proposal submitted under this program will be evaluated by the New Mexico Space Grant Consortium Director. Sufficient information must be provided by the student team to allow the Director to make an informed judgment.

#### E. BUDGET

##### 1) Allowable Expenses:

**Supplies and materials:** Include a description of how these funds will be used. If educational supplies or software will be purchased, list items, describe the need for the item and how it supports the program goals.

**Travel:** List names of persons to travel, purpose of the trip, expected location, trip duration, and estimate of costs (airfare, hotel, meals, etc.)

##### 2) Cost Sharing:

**Students must provide 100% non-federal matching funds for this program.**

This means student teams will need to report other funds that supported your competition (such as funds provided by your department, student organization, or a sponsoring company.) Matching funds may be in-kind (non-cash) support such as donated supplies, donated faculty time, or donated time by a mentor or mentor organization.

## F. SPECIFIC PROPOSAL REQUIREMENTS AND FORMAT

1) Cover Page - Please use the Cover Page Form (attached)

2) Project Narrative

The project narrative must be limited to three (3) single-spaced pages. Describe the:

- Competition – purpose of competition, description of competition, host of competition (NASA, AIAA, etc.), location.
- Project benefit
- Name and contact information for all participants:
  - team leaders
  - team faculty advisor
  - all team members

5) Budget and Budget Explanations

Please provide the project budget on the Budget Form (attached). Provide a written explanation of budget explanations, this should be succinct but provide sufficient information to judge the need for and importance of the items requested. Provide information on the source of use of your non-Space Grant matching funds.

Budget explanation includes a description of how these funds will be used. If educational supplies or software will be purchased, list items, describe the need for the item and how it supports the program goals. If travel is requested, list destination, duration, names of travelers, purpose of travel, and estimated cost.

6) Final Report

A final report will be required from the team, no later than 1 month after the competition. Final report must include:

- Name of all participants, including gender, ethnicity, citizenship
- Summary of competition results
- Summary of lessons learned
- Report of non-Space Grant funds supporting the program
- Pictures of team during design phase, building and testing phase, and competition

NEW MEXICO SPACE GRANT CONSORTIUM  
STUDENT COMPETITION PROGRAM  
COVER PAGE

1. Name of Competition: \_\_\_\_\_

2. Host of Competition (NASA, AIAA, etc.) \_\_\_\_\_

3. Name of Institution \_\_\_\_\_

4. Name and contact information of student team leader:  
\_\_\_\_\_  
\_\_\_\_\_

5. Name and contact information of faculty advisor:  
\_\_\_\_\_  
\_\_\_\_\_

6. Total Funds Requested: \$ \_\_\_\_\_

7. Source of Non-NMSGC Funds: \_\_\_\_\_

8. Amount of Non-NMSGC Funds: \_\_\_\_\_

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Signature(s) of Team Leader: \_\_\_\_\_

Signature of Faculty Advisor: \_\_\_\_\_

Signature of University Fiscal Agent: \_\_\_\_\_

(This is your college dean or the person who will receive and be responsible for the funds)

NEW MEXICO SPACE GRANT CONSORTIUM (NMSGC)  
STUDENT COMPETITION PROGRAM  
BUDGET

Title of Competition: \_\_\_\_\_

Team Leader(s): \_\_\_\_\_

Faculty Advisory(s): \_\_\_\_\_

Institution(s): \_\_\_\_\_

PROPOSED BUDGET		
	NMSGC Funds	Non-NMSGC Funds
1. Travel	\$	\$
2. Supplies	\$	\$
3. Other Expenses (identify)		
A. _____	\$	\$
B. _____	\$	\$
4. Total of Expenses	\$	\$

Attach budget explanations:

Budget explanation includes a description of how these funds will be used.

- If educational supplies or software will be purchased, list items, describe the need for the item and how it supports the program goals.
- If travel is requested, list destination, duration of travel, names of travelers, and purpose of travel.
- For matching funds describe the source of your matching funds (funding provided by your department, student organization, or college; donated supplies (donated by whom), donated faculty time (by whom), or donated time by a mentor or mentor organization (by whom).