New Mexico Space Grant Consortium (NMSGC)
NASA Established Program to Stimulate Competitive Research (NASA EPSCoR)

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Outline

- Overview of NMSGC
- Overview of NM NASA EPSCoR
- Funding opportunities RID & RIG
- NASA’s Areas of interest
- NASA Mission Directorates
- Scholarships, Fellowships and Internships
- Education & Public Service Funding Opportunities
- International Space Station (ISS) Flight Opportunity
- Naming contest Mars Rover 2020 judges needed
Mission Driven Agency

NEW ARCHITECTURE ENABLING STUDENT OPPORTUNITIES & CONTRIBUTIONS

Focus Areas
- Evidence-based strategies
  - Create unique opportunities for students to contribute to NASA’s work.
- Rigorous planning
  - Build a diverse future STEM workforce by engaging students in authentic learning experiences.
- Integrated operational model
  - Strengthen public understanding by enabling powerful connections to NASA’s mission and work.
- Strategic, balanced portfolio
  - NASA-unique learning experiences
  - Student contributions to NASA’s work in action

Scalability to magnify NASA’s reach and impact

BE BOLD. Shape the Future.
Scholarship Opportunities
Please share with your students

• Graduate Research Fellowship

• Undergraduate Research Scholarship

• Student Competition Program

The programs may be found on the NM Space Grant Consortium site http://nmspacegrant.com/ under the “student support” tab.

To be announced summer 2020: Student Travel Support
Funding Opportunities

Space Grant-Research Initiation Grant (RIG)
http://nmspacegrant.com/research-initiation-grant/

NM NASA EPSCoR-Research Infrastructure Development (RID)
http://nmnasaepscor.com/research-infrastructure-development/
Funding Opportunities: Overview

NMSGC Research Initiation Grant (RIG)
$25,000 Award

- Purpose: To provide funding to develop competitive research & technology projects & programs for the solution of scientific and technical problems of importance to NASA.
- U.S. Citizenship Required for RIG
- Faculty who have never rec’d a RIG award will be given priority. Faculty who have already rec’d funding, and apply again, will be given secondary priority (one active award/time).
- Period of Performance: Ends March 13, 2020. NCE Pending modifications to our award.
- Application Deadline: Open
- NASA collaborator needed
- Requirements: 100% matching funds-cost share is acceptable
Funding Opportunities: Overview

NM NASA EPSCoR Research Infrastructure Development (RID)

$25,000 Award

- **Purpose:** To provide funding to develop competitive research & technology projects & programs for the solution of scientific and technical problems of importance to NASA.
- **U.S. Citizenship Not Required for RID**
- Faculty who have **never** rec’d a RID award will be given priority. Faculty who have already rec’d funding, and apply again, will be given secondary priority (one active award/time).
- **Period of Performance:** Ends June 10, 2022.
- **Application Deadline:** Open
- **NASA collaborator needed**
- **Requirements:** 100% matching funds-cost share is acceptable
Students must already be registered at a NM university STEM program of study at the time of award.

Faculty who have never received a RIG or RID award in the past will be given priority in making awards. Faculty who have already received funding in the past and apply again will be given secondary priority.

Faculty cannot be a PI and/or Co-PI on RIG and RID awards simultaneously.
NASA: A Mission-Driven Agency

Mission-Driven Strategic Engagement

Engaging the nation in NASA’s mission

Exploration

Earth

Flight

Space

Tech

Solar Systems Beyond

Moon and Mars

Humans in Space

STEM Engagement

Mission Directorate Office

Public Engagement

Field Centers

BE BOLD. Shape the Future.
NSPIRES Account
NASA Solicitation and Proposal Integrated Review and Evaluation System
To receive research funding opportunities from NASA you must have a NSPIRES account.
Other Programs coming up in Summer 2020

• **Community College Scholarship Program** (U.S. citizenship, 3.0 GPA, at least half-time enrollment, $1,000)

• **Student Travel Grants** (Limited, present research at conference in the U.S. and U.S. territories, U.S. citizenship, 3.0 GPA, up to $500)

• **Space Grant Postdoctoral Fellowship** (Limited pilot program, postdoctoral fellow will address one or more research priorities of NASA’s Mission Directorates. SG will support partial salary, faculty mentor must coordinate with host institution/college/department to commit rest of support and non-federal matching funds.)
# Mission Directorate-Points of Contact

<table>
<thead>
<tr>
<th>Aeronautics Research (ARMD)</th>
<th>Science Mission Directorate (SMD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ms. Karen Rugg, NASA HQ</td>
<td>Ms. Kristen Erickson, NASA HQ</td>
</tr>
<tr>
<td><a href="mailto:karen.l.rugg@nasa.gov">karen.l.rugg@nasa.gov</a></td>
<td><a href="mailto:kristen.erickson@nasa.gov">kristen.erickson@nasa.gov</a></td>
</tr>
<tr>
<td>Human Exploration &amp; Operations (HEOMD)</td>
<td>Space Technology (STMD)</td>
</tr>
<tr>
<td>Dr. Alotta Taylor, NASA HQ</td>
<td>Mr. Diego Rodriguez, NASA HQ</td>
</tr>
<tr>
<td><a href="mailto:alotta.e.taylor@nasa.gov">alotta.e.taylor@nasa.gov</a></td>
<td><a href="mailto:diego.f.rodriguez@nasa.gov">diego.f.rodriguez@nasa.gov</a></td>
</tr>
</tbody>
</table>
## NASA Centers-Points of Contact

<table>
<thead>
<tr>
<th>Armstrong Flight Research Center</th>
<th>Johnson Space Center</th>
</tr>
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<tbody>
<tr>
<td>Mr. Dave Berger</td>
<td>Ms. Misti Moore</td>
</tr>
<tr>
<td><a href="mailto:dave.e.berger@nasa.gov">dave.e.berger@nasa.gov</a></td>
<td><a href="mailto:misti.m.moore@nasa.gov">misti.m.moore@nasa.gov</a></td>
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<thead>
<tr>
<th>Goddard Space Flight Center</th>
<th>Langley Research Center</th>
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<tbody>
<tr>
<td>Mr. James Harrington</td>
<td>Ms. Gina Blystone</td>
</tr>
<tr>
<td><a href="mailto:james.l.harrington@nasa.gov">james.l.harrington@nasa.gov</a></td>
<td><a href="mailto:gina.r.blystone@nasa.gov">gina.r.blystone@nasa.gov</a></td>
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<tr>
<th>Glenn Research Center</th>
<th>Marshall Space Flight Center</th>
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<tbody>
<tr>
<td>Dr. Dave Kankam</td>
<td>Dr. Frank Six</td>
</tr>
<tr>
<td><a href="mailto:mark.d.kankam@nasa.gov">mark.d.kankam@nasa.gov</a></td>
<td><a href="mailto:frank.six@nasa.gov">frank.six@nasa.gov</a></td>
</tr>
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<thead>
<tr>
<th>Jet Propulsion Laboratory</th>
<th>Stennis Space Center</th>
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<tbody>
<tr>
<td>Ms. Linda Rodgers</td>
<td>Dr. Mitch Krell</td>
</tr>
<tr>
<td><a href="mailto:linda.rogers@jpl.nasa.gov">linda.rogers@jpl.nasa.gov</a></td>
<td><a href="mailto:mitch.krell@nasa.gov">mitch.krell@nasa.gov</a></td>
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<tr>
<th>Ames Research Center</th>
<th>Kennedy Space Center</th>
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<tbody>
<tr>
<td>Mr. William “Braxton” Toy</td>
<td>Ms. Theresa Martinez</td>
</tr>
<tr>
<td><a href="mailto:william.b.toy@nasa.gov">william.b.toy@nasa.gov</a></td>
<td><a href="mailto:theresa.c.martinez@nasa.gov">theresa.c.martinez@nasa.gov</a></td>
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### Funding Opportunity

**Scholarships and Fellowships**


<table>
<thead>
<tr>
<th>Opportunity</th>
<th>Amount</th>
<th>Award</th>
<th>Announcement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate Scholarship</td>
<td>$5,000/ school year</td>
<td>Up to 4 semesters</td>
<td>Spring – funding for Fall and Spring semesters</td>
</tr>
<tr>
<td>Graduate Scholarship</td>
<td>$10,000/ school year</td>
<td>Up to 4 semesters</td>
<td>Spring – funding for Fall and Spring awards</td>
</tr>
<tr>
<td>Summer Internships</td>
<td>$7,300 (Undergraduate) $9,000 (Graduate)</td>
<td>10 weeks</td>
<td>Deadline March 8</td>
</tr>
<tr>
<td>Fall and Spring Internships</td>
<td>$11,680 (Undergraduate) $14,400 (Graduate)</td>
<td>16 weeks</td>
<td>Refer to <a href="https://intern.nasa.gov/">https://intern.nasa.gov/</a></td>
</tr>
</tbody>
</table>
Students interested in pursuing a NASA summer internship must register with NASA Internships and Fellowships system.
# 2019 Scholarships

<table>
<thead>
<tr>
<th>Institution</th>
<th>Students</th>
</tr>
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<tbody>
<tr>
<td>NMSU</td>
<td>9 (3 UG)</td>
</tr>
<tr>
<td>UNM</td>
<td>10 (3 UG)</td>
</tr>
<tr>
<td>NMT</td>
<td>4 (2 UG)</td>
</tr>
<tr>
<td></td>
<td>23 scholars</td>
</tr>
</tbody>
</table>

8 undergraduate, 15 graduate students
Total in scholarships: $190,000
Education and Public Service

See Education and Public Service information in website: http://nmspacegrant.com/public-service-informal-education-grant/

<table>
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<tr>
<th>Opportunity</th>
<th>Amount</th>
<th>Award</th>
<th>Announcement</th>
</tr>
</thead>
<tbody>
<tr>
<td>SG Education Enhancement Program</td>
<td>$15,000</td>
<td>1 year</td>
<td>Open</td>
</tr>
<tr>
<td>Public Service &amp; Informal Education Grant</td>
<td>$5,000</td>
<td>1 year</td>
<td>Open</td>
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</tbody>
</table>

Funding for Student Competitions
NMSGC offers up to $5,000 in funding to support student teams to participate in design competitions.
Application: http://nmspacegrant.com/student-competition-program/
Current NASA Research Opportunities

- **International Space Station (ISS) Flight Opportunity**
  [http://nmnasaepscor.com/international-space-station-iss-flight-opportunity/](http://nmnasaepscor.com/international-space-station-iss-flight-opportunity/)
  Pre-proposals due to NM NASA EPSCoR Office by noon December 6, 2019

- **Cooperative Agreement Notice-Research CAN**
  Estimated solicitation release date: November 22, 2019

We need judges for naming contest of **Mars Rover 2020**  [https://www.futureengineers.org/registration/judge/nametherover](https://www.futureengineers.org/registration/judge/nametherover)
Conclusion

• Space Grant RIG and EPSCoR RID funding opportunities open year round

• Space Grant contract ends 3.13.2020. NCE is uncertain, might not be approved, might be approved for 6 or 12 month extension.

• NM NASA EPSCoR contract ends 6.10.2022. SOW can be released with a one year period of performance.

• Scholarship applications open January 20 and close March 29, 2020.