



Issued: June 5, 2019
Proposals due: Noon, July 15, 2019
POP: August 16, 2019 – August 15, 2020

ND NASA EPSCoR TRAVEL AWARDS REQUEST FOR PROPOSALS (RFP)

The North Dakota NASA EPSCoR (Established Program to Simulate Competitive Research) is soliciting applications for travel funding which will be evaluated using the following criteria. Please review this information prior to submitting your proposal.

The purpose of these travel awards is to fund ND faculty researchers and their students to visit NASA centers to collaborate with NASA personnel, and to initiate engagements to stimulate future collaborations and participation in joint proposals. ND NASA EPSCoR's travel grant program is designed to promote, develop, and expand NASA research in North Dakota in the following areas:

- Astronomical/planetary science
- Small satellite development
- Earth sciences
- Materials science
- Planetary space suit research
- Other NASA-relevant research areas

Non-travel items will not be funded through this RFP. The number of travel days must be kept to the minimum required. The goal of this NASA EPSCoR funding is to make award recipients nationally competitive for future, external research solicitations. Travel funds will be available beginning August 16, 2019 and must be spent no later than August 15, 2020. Requests for reimbursement must be submitted within two weeks upon return from travel. On completion of travel, a report is to be submitted to the ND NASA EPSCoR office.

Eligibility:

- Faculty PI must be from an ND NASA EPSCoR affiliate institution:
<http://ndnasaepscor.und.edu/affiliate-members.aspx>
- Research must be in STEM (science, technology, engineering, or mathematics), be relevant to one or more RFA, and have significant NASA-relevance.

<http://ndnasaepscor.und.edu/>

Jim Casler, Director
(701) 777-3462
casler@space.edu

Caitlin Nolby, Deputy Director
(701) 777-4856
cnolby@space.edu

Laurie Hansen, Accountant
(701) 777-4043
laurie.hansen@und.edu



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Funding:

Effort to include salary, fringe, and unrecovered indirect costs may be shown as match. Allowable PI match required is 1:1. Cash and non-cash match is contingent on receiving NASA EPSCoR match funding from the state. PIs may also provide their own match funding.

It is anticipated that up to three awards may be made to a maximum of \$2,000 each.

Proposal Checklist:

- Cover Sheet
 - PI contact information
 - Funding Requested
 - Department Chair Signature
 - Statement that the PI has not received ND NASA EPSCoR funding after July 1, 2018
- CV of PI and Co-PIs
- Proposal Narrative, Budget, and Budget Justification
- All materials must be uploaded as **fully searchable pdf** documents.

This solicitation, cover page, and budget form can be found online here:

<http://blogs.und.edu/jdosas/2019/06/nd-nasa-epscor-travel-and-research-rfps/>

Proposal Guidance:

All proposals must be routed through the Department Chair, Dean's office, and Grants and Contracts/Sponsored Programs Administration (or equivalent office) for signatures. PIs must also complete proposal transmittal forms specific to their universities (if applicable).

1. CV of PI (and Co-PIs)

- a. Relevant Research Experience

2. Proposal Narrative *(Use the following headings in ≤ 3 pages for a – c. Page limit does not apply to references and any letters of collaboration.)*

- a. Research Description
 - Research objectives
 - NASA relevance
 - Preliminary research results (if applicable)

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- Overview of the scope of work, including description of the NASA-relevance, nature of collaborations
- b. Travel Description
 - Purpose of travel for each research participant (faculty and students, if applicable)
 - Justification of travel relevance to proposed or ongoing research
 - Identification of collaborators and their roles
 - Draft agenda for visit to NASA center (e.g. lab tours, presentations of research to specific branches, research tasks to be completed, etc.)
- c. Anticipated Outcomes
 - Expected research outcomes and deliverables, plans for publications, conference attendance, funding opportunities, future studies and collaborations
 - Plan to secure future external funding
- d. Invitation Letter(s) from NASA Collaborators
 - Letterhead correspondence or email correspondence is acceptable
 - Contact information of collaborators
- e. Budget
 - Clear alignment between budget justification and budget table
- f. References

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Proposal Evaluation:

Collaboration across institutions, industry, and NASA centers, and interdisciplinary teams are highly encouraged. Preference will be given to beginning, untenured faculty who have not yet received an ND NASA EPSCoR award. Scientific/technical proposals that fall outside of the RFAs, but are NASA/North Dakota relevant, will also be considered. Proven track record of research capabilities in NASA relevant areas will be an advantage. Any and all proposals may be rejected.

It is a national priority to increase diversity in Science, Technology, Engineering, and Mathematics (STEM) fields. This diversity consideration is included in each of the NDSGC SMART objectives. Traditionally, minority groups and women have been underrepresented in the STEM disciplines as students and faculty as well as in the workplace after graduation. All proposers are encouraged to help recruit diverse participants to their proposed projects.

Proposers are encouraged to reference the following documents for NASA-relevant research alignment:

- NASA 2015 [Technology Roadmap](#)
- NASA 2017 [Strategic Technology Investment Plan](#)
- NASA 2018 [Strategic Plan](#)

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Proposal Submission:

NDSU applicants: Upon review by Sponsored Programs Administration, submit original and two copies (all stapled) of proposal to NDSU EPSCoR Office at Research Two, Suite 102, **AND** an electronic submission of the proposal as a single, unlocked PDF file to Caitlin Nolby, cnolby@space.edu **by noon on July 15, 2019.**

UND applicants: Upon review by the UND Division of Research & Economic Development, submit the original and two stapled copies of proposals to Caitlin Nolby, Clifford Hall Room 270, 4149 University Ave., Stop 9008, Grand Forks, ND 58202-9008 **by noon on July 15, 2019.** Also, an electronic submission of the proposal as a single, unlocked PDF attachment must be sent to Caitlin Nolby, cnolby@space.edu.

Applicants from other affiliate campuses: If your institution has an Office of Sponsored Programs, this office must review your proposal before submitting it to the ND NASA EPSCoR Office. You must send one electronic submission of the proposal as a single, unlocked PDF attachment to Caitlin Nolby, cnolby@space.edu **by noon on July 15, 2019.**

All awards require: 1) an end-of-year award report to be filed with the ND NASA EPSCoR office, and 2) presentation of results at the annual ND NASA EPSCoR annual meeting.

General questions regarding this announcement can be addressed to Jim Casler or Caitlin Nolby. Finance questions may be addressed to Laurie Hansen.

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