South Dakota NASA EPSCoR Program

2023 Tribal College Collaboration Grants

Application Guidelines

The purpose of the grants is to bring together researchers of the larger research institutions in the state with counterparts at tribal institutions. Proposals will be considered from public, private, or tribal colleges/universities in South Dakota. Proposals must demonstrate the potential to improve research infrastructure at Tribal Colleges. The focus may be preliminary research activities, curriculum development, or program development (e.g., designing pre-engineering programs for Tribal Colleges). However, other innovative concepts for improving research collaboration with Tribal Colleges are encouraged.

Proposers to this opportunity may wish to view NASA goals for engaging Native American students described in “ENGAGEMENT OPPORTUNITIES IN NASA STEM (EONS-2022),” NNH22ZAO001N, APPENDIX J: MAIANSE CONNECTing Indigenous Culture and Science Through Co-design of STEM Ecosystems (MAIANSE CONNECT):

<https://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=851981/solicitationId=%7BFFA6BA42-7CCD-7368-9C12-034718E850C4%7D/viewSolicitationDocument=1/EONS2022%20Appendix%20J%20MAIANSE%20CONNECT%20FINAL%2011%2015%202021.pdf>

The deadline for applications for Tribal College Collaboration Grants is **August 25, 2023**. Proposals may request up to $30,000 (NASA funds) with a period of performance of 24 months. Tribal College Collaboration Grants do not require matching funds or cost-sharing. See Proposal Content (item 7g) for important indirect cost restrictions. SD NASA EPSCoR expects to make one award, and it is anticipated that award announcements will be made by September 15, 2023.

Funding is provided from two different NASA grants with different periods of performance. Therefore Tribal College Collaboration Grants will consist of two phases. Funding of Phase 2 is contingent upon progress toward achieving research goals during Phase 1. Grant application consists of:

1. Overall project description (24-month project)
2. Phase 1: Oct. 1, 2023−Sept. 30, 2024
   1. Budget ($15,000 NASA funds; no matching required)
   2. Brief statement of work and milestones specific to Phase 1
3. Phase 2: Oct. 1, 2024−Sept. 30, 2025
   1. Budget ($15,000 NASA funds; no matching required)
   2. Brief statement of work and milestones specific to Phase 2

A Phase 1 Progress Report will be due June 23, 2024. The report must summarize (1) expenditures, and (2) progress toward achieving objectives and milestones. Projects showing excessive fund balances or insufficient progress toward objectives and milestones will not be eligible for Phase 2 support.

### Grant Guidelines

1. Submit proposals for projects that promote and advance the objectives of the South Dakota NASA EPSCoR Program and have the potential to contribute to research infrastructure at Tribal Colleges and long-term research collaborations within the state. The Steering Committee especially seeks projects that create a bridge between NASA research goals and state research priorities.
2. Provide specific, measurable objectives with associated metrics that will be used to evaluate the success of the project.
3. Grant recipients agree to the following reporting requirements:
   1. Provide timely analysis of the project with respect to the stated evaluation metrics, further collaborations, expanded project scope, and attempts to obtain additional funding.
   2. Maintain demographic and contact information on faculty and student participants.
   3. Submit a final report upon completion of funded project, including detailed expense account (not later than Sept. 30, 2025).
   4. Acknowledge financial support of SD NASA EPSCoR in any presentations or publications resulting from the funding.

### Proposal Guidelines

Proposals must include the following items:

1. Project title, names of PI’s and Co-PI’s, organizations/schools, addresses, phone, email (US citizenship is not required)
2. Other state or regional collaborators (names, titles, institutions) and their role in project
3. Project abstract (**200 words or less**)
4. Project description (**limited to five pages**, 12-point font, single-spaced, minimum 1-inch margins)
   1. Description of the proposed research collaboration and the how the grant funds will be used to achieve the goals of the project
   2. Project partners (organization name, role played in the project)
   3. Project time line
   4. Discussion of how this project will improve research infrastructure and educational programs at Tribal Colleges
   5. Discussion of the potential for the project to develop into a major research collaboration with long-term support from NASA and/or other sources
   6. Plan and milestones for securing additional funding from NASA or other sources
   7. Specific metrics that will be used to evaluate the success of the project
   8. References cited (as needed); these do not count toward the five-page limit
5. Separate statements of work for Phase 1 and Phase 2 (limit 200 words each).

6) Two-page biographical sketch for each PI/Co-PI, not included in page limit.

7) Budget (**budgets must be submitted on the worksheet provided**; if necessary, use additional pages for justification).

Submit a single budget for the project that is approved at the lead institution. (SDSM&T researchers should prepare their budgets in consultation with SDSM&T Senior Accountant, Cassie Schweigerdt, [Cassie.Schweigerdt@sdsmt.edu](mailto:Cassie.Schweigerdt@sdsmt.edu).)

The following apply to budgets for each phase (Phase 1 and Phase 2):

* 1. Salary/wages (US citizenship is not required)
  2. Fringe benefits
  3. Travel\* (foreign travel is not allowed)
  4. Supplies\*
  5. Equipment (includes items over $5000; these cannot be purchased with NASA funds)
  6. Other (specify)\*
  7. Facilities & Administration (F&A) costs (overhead or indirect costs): **For this solicitation, indirect costs are capped at 35.0% of the total direct costs.**
  8. Total NASA funding requested including F&A (limit $15,000 NASA funds in Phase 1, $15,000 NASA funds in Phase 2) (matching funds are not required)

\* Brief justification required on additional page.

### Proposals Submission

Submit all proposal materials (items 1-7, above) as a single PDF file. Proposals must be received by **August 25, 2023, 4:00 pm Mountain time**.

Submit to:

Edward Duke, Director

South Dakota NASA EPSCoR Program

[Edward.Duke@sdsmt.edu](mailto:Edward.Duke@sdsmt.edu)