



Arkansas NASA EPSCoR Office

Call for Proposals

**Research Infrastructure Development
(RID)**

**FY22 Announcement
Preparatory Program**

Release Date:	October 12, 2021
Proposal Due:	December 12, 2021
Announce Selection:	January 24, 2022
Start Date:	May 1, 2022

**Please note that this is NOT the AR
NASA EPSCOR RESEARCH Award CFP**

Arkansas EPSCoR Research Infrastructure Development Guidelines

The Arkansas NASA EPSCoR Program solicits proposals for Research Infrastructure Development (RID) Preparatory Awards using the following guidelines. Four awards will be made, subject to available funding.

Eligibility of Participants

Faculty and students at all Arkansas institutions of higher education are eligible for consideration for award of an Arkansas NASA EPSCoR RID Grant. Women, minorities and other underrepresented groups will be given special consideration. **A researcher can conduct research on only one (1) proposal per year and can receive funding from the RID program no more than two (2) years in a 5 year period.**

Areas for RID Proposal may include the following subject areas

Biology	Instrumentation	Mathematics
Chemistry/Biochemistry	Materials Science	Computer Science
Earth Science	Space Medicine	Engineering
Psychology (Human Factors)	Engineering Technology	Physics and Astronomy

Duration

Arkansas RID Research Projects will be funded for one year. All awardees will be expected to submit a proposal for the NASA EPSCoR Research Program funding at the next available opportunity. **A researcher can conduct research on only one (1) proposal per year and can receive funding from the RID program no more than two (2) years in a 5 year period.**

Other Requirements

Research collaboration is to be a key feature of each RID Project. The project lead institution will submit the proposal. There must be at least two collaborating institutions and may be more than two. (It is strongly suggested that one partnering institution be a Research/Ph.D. granting campus).

The maximum annual award for a RID project will be \$40,000. (Note: Additional funding may be available for tenure track faculty in their first six years of appointment, with approval of the NASA-TAC and based on available funding.) Of this:

- NASA EPSCoR RID requires a 1:1 match of all awarded funds. RID award therefore must show cost sharing/matching from the participating institutions at this level, cash and/or in-kind.
- No facilities and administrative costs may be charged on these awards.
- At least \$3,000 should be budgeted for activities by faculty and students at the collaborating institutions. At least one faculty member and one student at two or more institutions must be funded.

- No NASA EPSCoR RID funds may be used for purchase of office equipment (e.g. desktop computer, iPads, and printers), lab equipment, foreign travel, or travel by civil service personnel.
- Requests for faculty salary will be considered for the summer only. Each faculty salary-plus-fringe request must be matched 1-to-1 in cash by the home institution of the faculty member. The matching funds must be provided to work on the proposed project and must not be contingent on summer teaching or participation in summer workshops. No more than one faculty stipend request per campus and no more than two total faculty stipend requests per project will be funded from the RID award.
- Proposed work must align with NASA Center Mission Directorates goals and objectives or with NASA research or technology development priorities, as shown by a separate NASA relevance section.

If a PI is submitting a renewal, a report must be included with or before the new proposal.

Issues that need to be addressed are:

- Work accomplished in year 1
- List of all faculty and student(s) working on project and what portion they accomplished.
- List of proposals, journals, papers/presentations submitted

Note: Development of the proposal in close cooperation with all members of the team is expected. An inadequate budget justification will be detrimental to approval of the project.

Structure of the Proposal

All proposals must conform to the following guidelines:

- The proposal must be typed single-spaced, with no smaller than 12-point type and 1-inch margins.
- The proposal must be no more than 18 pages in length, not including the Appendices noted below.
- The proposal must follow the format shown below, which can also be used as a checklist. The proposal should have an executive summary page and the 10 sections listed below and required section headings as shown.

P&P Proposal Sections

Done	Section	Project Description: Required Section Headings	
	1.0	Objective(s) and Goals of the Project	
	2.0	Relevance of the Project to NASA	
	3.0	Project Description	
	3.1	Description of Research to be Accomplished	
	3.2	Roles of Faculty & Student Participants	
	3.3	Milestone Chart of Activities	
	3.4	Description of Activities	
	4.0	NASA Research or Space Center to be Visited	
	5.0	Written Output	
	6.0	Detailed Budget Justification	

Appendix A - Budget Excel spreadsheet

Appendix B - One page CV's for all faculty in the proposal. A student CV Form is provided and must be completed prior to expending of student funds, assuming an award is made.

Appendix C - Letters of Commitment for matching funds

- To be signed by Dean of College in which the faculty members reside.
- Commitments are required for faculty summer stipend/fringe matches.
- Letters of Commitment for matching funds will be required from the appropriate financial officer of each institution involved in the project. Letters must be presented with full proposal.

Appendix D - If human or animal subjects are involved in the proposed work, the proper IRB and/or IACUC documentation must be provided. Working with human subjects is not limited to the subjects themselves, but may include any information involving such subjects. Researchers should receive an approval/exemption number that must be listed on the proposal. Funding will not be released until this process has been completed and the number is turned in to the ASGC Program Office. If your campus does not have an IRB or IACUC office, further information may be obtained at:

IRB: URL: ualr.edu/irb/ Contact: (501-569-8657; irb@ualr.edu)

Preparation of the Proposal Sections

Cover page:

- Project title
- Participating institutions
- Primary Investigator
- Participating faculty names

Section 1: Goal(s) and Objectives of the Project

- Your project must have one or more goals. Each goal must have specific measurable objectives.

Section 2: Relevance of the Project to NASA:

- Describe how your project relates to NASA interests, objectives, programs and/or research efforts.
- List Names, addresses, e-mail addresses, and telephone numbers of NASA researchers interested in the project. Participants must visit these or other designated NASA personnel as appropriate. NOTE: proposal must indicate how work aligns with NASA Center goals or NASA priorities!

Section 3.0: Project Description

Section 3.1: Description of the research to be accomplished

- This is where you discuss the “science” of your research project.
- It should correspond closely to your Goal(s) and Objectives.
- It should be written in consideration or preparation of your Milestone Chart so it will correspond closely to Sections 3.3 and 3.4.

Section 3.2: Roles of faculty and student participants

- This page describes the role that each proposed participant will play in accomplishing the Goals and Objectives, both for faculty and students.
- Refer to students as “Student A”, Student “B”, etc. Include or provide a Student Applicant Data Sheet and a Student CV to the Program Office before funding a student. Distinguish between Graduates and Undergraduates.

Section 3.3: Milestone chart of activities

- Please number your activities and give them titles.

Section 3.4: Description of activities

- In this section, list each numbered activity shown on your Milestone chart and give a brief description of what is to be accomplished and who will do the work.

Section 4: NASA Research or Space Centers to be visited

- List NASA Center(s), which faculty and students will visit. Visits may be made to other appropriate facilities.
- List the names of your NASA (and/or other) contacts, along with their mailing address, telephone number and email address.

Section 5: Written Output: Proposals, Papers, Reports

In this section, please describe the planned, written output products of the project. Typically these will be:

- NASA EPSCoR Research Program proposal (required if you are planning on applying for year 2 funding)
- Unsolicited proposals
- Scientific presentations, lectures, and talks
- Journal papers

Section 6: Detailed Budget Justification

- Budget Justification – decipher between agency funds and cost share.

Proposal Submission

Proposers must submit one original proposal with the signature of the Organization’s Authorizing Official. An electronic version of the proposal package in a single PDF formatted document is also required and must be submitted to asgc@ualr.edu by COB provided on cover sheet.

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Applicant Data Sheet

NASA requests applicant data for their evaluation of the Arkansas NASA EPSCoR, relative to soliciting applications from a diverse population. Your completion and submission of this form will assist us in this regard. We greatly appreciate your cooperation.

Name: _____

DOB: _____

School: _____

Major: _____

Gender: Male Female

Physical or other Handicap: Yes No

(Impairment that substantially limits one or more major life activity – blindness, deafness, mobility impairment)

Ethnicity:

Hispanic or Latino – (A person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race.)

Not Hispanic or Latino – (A person not of Hispanic or Latino ethnicity)

Race:

(Please check all that apply)

American Indian or Alaska Native – (origins from peoples of North and South American (including Central America) and who maintains tribal affiliation or community attachment)

Asian – (origins from peoples of the Far East, Southeast Asia, or the Indian subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam)

Black or African American – (origins from peoples of any of the black racial groups of Africa)

Native Hawaiian or Other Pacific Islander – (origins from peoples of Hawaii, Guam, Samoa, or other Pacific Islands)

White or Caucasian – (origins from peoples of Europe, the Middle East, or North Africa)

Student Curriculum Vitae

Name: _____

Date: _____

Permanent Address: _____

DOB: _____

Phone: _____

Email: _____

University/College: _____

Department: _____

Department Address: _____

Major: _____

City/State/Zip: _____

Education: (Include current grade level and GPA)

Work Experience:

Achievements:

Milestone Chart

Start-Up Date: _____	Months After Start-up											
Task	1	2	3	4	5	6	7	8	9	10	11	12