

**NASA West Virginia EPSCoR Program
Research Seed Grants
2021-2022 Application Form**

The NASA WV EPSCoR Committee is pleased to announce the availability of funds to award seed grants to support research projects that are related to NASA's mission in Science, Technology, Engineering, and Math (STEM). This program is designed to assist faculty at all WV colleges and universities in their efforts to initiate research activities, conduct pilot experiments, or demonstrate new concepts that might lead to significant scientific projects in the future. Women and minorities are highly encouraged to apply.

Each applicant may request up to \$10,000 of NASA WV EPSCoR funds to be supplemented with at least a one-to-one cost share from the applicant's home institution from non-federal sources.

Criteria for submission and evaluation of these proposals are as follows:

1. Please note that all proposals must align with one of the four NASA Mission Directorates. (Aeronautics Research, Human Exploration & Operations, Science, and Space Technology). To read about the latest programs and current interests for the Mission Directorates, please click [here](#). Failure to clearly indicate the alignment with a NASA Mission Directorate will result in disqualification of the proposal and not being forwarded to the reviewers.
2. This grant program will fund projects for faculty initiating or establishing support for their research or who are proposing to enter a new area of research.
3. Collaboration with researchers from NASA is highly encouraged, but not required.
4. Only full-time members of the faculty are eligible to apply.
5. Priority will be given to those who have not been awarded a Research Seed Grant in the past and are within five years of joining their academic institution as a tenure-track member of the faculty.
6. The project is expected to be completed in one year. Brief quarterly reports and a final report will be required.

The NASA WV EPSCoR Committee will review all submitted proposals and consider each proposal's total scores in reaching a final award decision.

Evaluation Criteria

- Technical and Scientific Merit (30 points)
- Soundness of approach, the study provides the data or outcomes needed to achieve the aims of the project, coherent direction, and methodology (20 points)
- Potential for Future Funding and Long-Term Impact (20 points)
- Relevance to NASA's and West Virginia's priorities in science and technology (20 points)
- Budget and Institutional Support (10 points)

Proposal Format

Cover Page: Please use the attached cover page. Note that the proposal must be signed by a representative of your institution who can certify the availability of cost-share funds (e.g., Department Chair, Dean, or financial manager).

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Key Words: Please include at least two key words to facilitate technical review of your proposal.

Research Summary: Provide a brief summary of the proposed research using no more than three (3) single-spaced page with 1” margins on all sides. These summaries must be typed in Times New Roman (TNR) font size 12, table entries must use at least font size 10. Clearly state the objectives and significance of the project, the approach to be used to achieve the objectives, and the specific outcomes that can be considered as project results. You may add an additional page for references cited. You must also identify the NASA Mission Directorate with which the proposed research is aligned as well as the rationale as to why you believe this research would be of benefit for that directorate. If the investigator has received a NASA WVSGC or NASA WV EPSCoR grant in the past, please indicate the unique nature of this research in comparison to past work and note why it should be considered a new research area for the investigator.

Budget: Provide a one-page detailed budget sheet describing the project costs. It should clearly delineate between Consortium and institutional costs. Do not include overhead charges however, waived/unrecovered indirect costs can be used as cost-share. Please note that NASA WVSGC funds may not be used to purchase equipment or for foreign travel.

Appendices: Appendices must include:

- At least a one-page résumé of the investigator. Other supporting information can be included but should not exceed five pages.
- A list all past awards received from NASA WVSGC or NASA WV EPSCoR including project title, award dates and amounts.

Schedule

Proposal due date: Monday, March 8, 2021, by 11:59 PM (EST)

Awards announcement date: Mid-April 2021

Anticipated project start date: May 16, 2021

Project duration: One year

Proposals must be submitted **online only**. Proposals received after the deadline will not be considered. Please submit the online application [here](#).

For more information and additional requirements, please visit the [program page](#).

For questions regarding budget-related or proposal format issues, please contact the NASA WVSGC / NASA WV EPSCoR office at (304) 293-4099 or email:

Candy.Cordwell@mail.wvu.edu.

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Cover Page**

Project Title: _____

Principal Investigator: _____

Signature: _____

Institution: _____

Address: _____

Telephone: _____

E-mail: _____

Key Words: _____

Mission Directorate: _____

Request from NASA WV EPSCoR: \$ _____

Institutional Cost Share: \$ _____

Total Budget: \$ _____

INSTITUTIONAL APPROVAL:

Institutional representative certifying availability of cost share funds:

Name: _____ Date: _____

Title: _____

Signature: _____

Address: _____

Telephone: _____

E-mail: _____