

**NASA West Virginia Space Grant Consortium**  
**Research Initiation Grant**  
**2018-2019 Application Form**

The NASA West Virginia Space Grant Consortium is accepting proposals for funding research projects that are related to NASA's mission in Science, Technology, Engineering, and Math (STEM). This is a research initiation program with an objective to stimulate NASA sponsored research at academic affiliates of the NASA West Virginia Space Grant Consortium. Proposals must adhere to the following guidelines.

1. Each successful applicant will receive up to \$20,000 from the Consortium. At least one-third of the *total budget* must be provided by the researcher's institution as cost share.
2. The total budget for the project, including cost share, may range from \$10,000 to \$30,000. Students supported by Space Grant must be U.S. citizens.
3. For all projects with *total budget (NASA funds and cost share)* exceeding \$10,000, the researcher must solicit collaboration of a scientist at a NASA facility to judge the merits of the proposed research. If successful, the NASA scientist will serve as the technical monitor for the project. For a list of NASA research priorities, please see [www.wvspacegrant.org/resources/downloads/](http://www.wvspacegrant.org/resources/downloads/).
4. The final decision regarding the award of the grants will be made by the Board of Directors of the NASA West Virginia Space Grant Consortium.
5. These grants are intended for full-time, tenure-track faculty who are striving to **initiate/establish** an initial base of research support. Priority will be given to those who have not been awarded a Research Initiation Grant in the past, junior faculty, and those who are within five years of joining a Consortium academic affiliate as a member of the faculty.
6. At least one-third of the total proposed budget (*NASA funds and cost share*) must be allocated to fund a student research assistant of U.S. citizenship, preferably graduate student.
7. Women and minorities are highly encouraged to apply.
8. Brief quarterly reports and a final report will be required.
9. A brief description of plans for publicizing the award and the results of the project is required.

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., NASA WV Space Grant Consortium Board Member, Department Chair, Dean, or Financial Manager). In addition, please provide 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 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.

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. Please note that NASA WVSGC funds may not be used to purchase equipment or for foreign travel.

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NASA Monitor Evaluation Form: Use the attached form to indicate the NASA project monitor's evaluation of the proposal and agreement to participate in the project. The project monitor's evaluation must be completed by the project monitor. This form must be included in the original application package.

Appendices: Appendices should include a one-page résumé of the investigator. Other supportive information can be included but should not exceed five pages. Also, please list all past awards, if any, received from NASA WVSGC or NASA WV EPSCoR including project title, award dates and amounts. If investigator has received a NASA WVSGC or NASA WV EPSCoR research 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.

Evaluation Criteria

Technical and Scientific Merit (30 points)  
Potential for Future Funding and Long-Term Impact (20 points)  
Soundness of Approach (20 points)  
Relevance to NASA and West Virginia's priorities in science and technology (20 points)  
Budget and Institutional Support (10 points)

Schedule

Proposal due date: Monday, March 5, 2018 by 11:59 PM (EST)  
Awards announcement date: Mid-April 2018  
Anticipated project start date: May 16, 2018  
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 all questions regarding budget-related or proposal format issues, please contact the NASA WVSGC / NASA WV EPSCoR office at # (304) 293-4099 or email: [Cordwell@nasa.wvu.edu](mailto:Cordwell@nasa.wvu.edu).

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Project Monitor Evaluation Form

This form must be completed by the project monitor (NASA scientist). **Handwritten forms are not acceptable.**

Project Title: \_\_\_\_\_

Principal Investigator: \_\_\_\_\_

Institution: \_\_\_\_\_

Please provide a short summary of the value of the proposed research and how it relates to NASA's current research activities, and the potential it has for future funding. Please attach a separate page if needed. This original form must be included with the complete application package.

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I am willing to serve as a technical monitor for this research project (if funded):

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Title: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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**Cover Page**

Project Title: \_\_\_\_\_

Principal Investigator: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Institution: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_\_

Email: \_\_\_\_\_

Key Words: \_\_\_\_\_

Request from NASA WVSGC: \_\_\_\_\_

Institutional Cost Share: \_\_\_\_\_

Total Budget: \_\_\_\_\_

**INSTITUTIONAL APPROVAL:**

Institutional representative certifying availability of cost share funds:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_\_

Email: \_\_\_\_\_