

**NASA West Virginia Space Grant Consortium  
Undergraduate Research Fellowship Program  
2022-2023 Application Form**

**Application Details**

These one-year Fellowships will be awarded competitively to undergraduate students in STEM fields, who will be engaged in a research project during the academic year and/or summer term. A faculty member from the applicant's institution must agree to serve as a mentor and research advisor for the described project. Applicants for these fellowships must be full-time undergraduate students of U.S. citizenship. Brief quarterly progress reports and a final report will be required.

**Research Plan**

Please upload a well-written (easy to understand, with no grammatical or spelling errors) maximum two-page summary of the research plan in your own words, including a statement of the problem, methodology, budget, and proposed timeline. References and appendices (if any) do not count towards the two-page limit. The document must be in PDF format and single-spaced using Times New Roman (TNR) font size 12, 1" margin on all sides. This research plan must be reviewed and approved by the applicant's faculty mentor. Please be aware that reviewers of the proposal may not be experts within your field of study, and the proposal should be written accordingly. Proposals should be written with minimal use of jargon. Mentors may provide editorial and revision assistance for student proposals, but they must be primarily the work of student applicants.

Please note that all proposals must align with one of the four NASA Mission Directorates. (Aeronautics Research, Human Exploration & Operations, Science, or 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.

The amount of these awards is \$4,500. For your budget, all the funds requested must be in the form of a stipend paid directly to the student. Applicants may also request an additional \$500 for attending a conference to present the results of their research or for supplies used specifically for this research. Identify hours per week over what time periods and if requesting travel funds what conference you plan to attend. Students can request this funding to present at a conference, virtual or face-to-face.

**Essay**

The applicant is required to submit a statement of no more than two-pages addressing the following items:

- Applicant's motivation for completing the proposed research project
- Applicant's academic achievements, leadership qualities, extracurricular activities, or work activities
- Applicant's research experience (in and/or out of class), career interests, and professional goals

- Applicant's plans for sharing research findings through participation in professional conferences and/or publication
- Acknowledgment of prior WVSGC funding and a brief description of previous projects funded.

### **Education History and Resume.**

The applicant will also upload their resume and an unofficial copy of your transcript or attach a list of your STEM courses that you took, and the grade associated with the class. Optional text to include, in less than 500 characters please tell us if there is anything else you want us to know about your GPA.

### **Evaluation:**

The Consortium will award these grants based on the following criteria:

- Soundness and technical merit of the proposed research (50 points)
- Student's statement on academic and extracurricular achievements, research experience, and career interests (50-points)

Proposal due date: Friday, March 18, 2022 by 11:59 PM (EST)

Mentor Endorsement due date: Monday, March 21, 2022 by 11:59 PM (EST)

Award announcement date: Early-May 2022

Anticipated project start date: May 16, 2022

Project duration: One year

### **Apply/Submit:**

Undergraduate student applicants must complete the online application [here](#).