



2023-2024 ANNOUNCEMENTS OF OPPORTUNITY

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UNDERGRADUATE RESEARCH SCHOLARSHIPS (UGR)

Spring 2024 Research

Applications Open: August 11, 2023

Application Deadline: October 9, 2023

Award Announcements: December 1, 2023

Summer 2024/Academic Year 2024-2025 Research

Applications Open: November 1, 2023

Application Deadline: February 5, 2024

Award Announcements: March 29, 2024

Awards: \$5,000*

** Subject to availability of funds*

Purpose: Research awards will be provided to qualified undergraduate students to create and implement a small research study of their own design that is directly related to their interests and career objectives in STEM-related studies supporting [NASA Mission Directorates](#). The student may work alone or with a faculty or research staff advisor; however, the conceptualization and design of the project should be their own. Awards will emphasize effective student research and mentoring arrangements. Students from small colleges and universities are especially encouraged to apply. WSGC will facilitate mentoring arrangements if necessary.

To Apply:

- **CREATE a NASA STEM GATEWAY account** stemgateway.nasa.gov/public/s/login/ (applicants will be required to update profile information annually).
- **CREATE a WSGC account** spacegrant.carthage.edu/about/login/ (applicants will be required to update profile information annually).
- **Sign into** your WSGC account and submit an application/supporting documents to the **UNDERGRADUATE RESEARCH** funding program <https://spacegrant.carthage.edu/forms/account/login/> (applicants may apply to multiple funding programs).
- Provide two letter(s) of recommendation in PDF format through the online application process or confidentially via email to the WSGC [Program Office](#) with subject line UGR24_LOR.

Application Requirements: Applicants who meet the following requirements can apply for the **UNDERGRADUATE RESEARCH SCHOLARSHIP**:

- U.S. citizen
- Enrolled full-time in, admitted to, or applied to any undergraduate program at a [WSGC college or university](#)
- Enrolled in a STEM program of study and demonstrating an interest in aerospace or supporting NASA's mission
- Minimum 3.0 GPA (*Proposals that include a GPA of less than 3.0 will be evaluated on a case-by-case basis*)
- Completed application online (*see Supporting Materials Required with Application below*)

**NOTE: Students also applying for the Undergraduate Scholarship Program should submit a statement distinguishing the Undergraduate Research Scholarship from the Undergraduate Scholarship application. WSGC limits the number of individuals eligible to receive both awards.*

The Consortium invites applications for **UNDERGRADUATE RESEARCH SCHOLARSHIPS** funding program. For consideration, application forms must be complete and accompanied by supporting documentation. The Consortium especially encourages applications from members of minority groups, women, and persons with disabilities, and those pursuing STEM-related studies supporting NASA Mission Directorates spacegrant.carthage.edu/about/mission/directorates/. A technical advisory panel selects award winners based on academic performance and the demonstrated interest in pursuing a STEM career. For consideration, applicants must create a NASA STEM Gateway profile and complete the WSGC **UNDERGRADUATE RESEARCH SCHOLARSHIP** application along with supporting documentation.

Current & Past Award Recipients

Supporting Materials Required with Application:

1. Copy of applicant's high school transcript (*unofficial is acceptable/incoming Freshman and Sophomores only*)
2. Copy of most recent college transcript (*unofficial is acceptable/not required for incoming Freshman*)
3. Two (2) Letters of Recommendation: *Letter(s) of recommendation may be submitted with the applicant's online application. Confidential letter(s) of recommendation may be emailed to spacegrant@carthage.edu. Subject: UGR24_LOR.*
 - a. One from the applicant's research advisor.
 - b. One from another faculty member or teacher, employer, or aerospace professional of choice.
4. A maximum 10-page proposal containing the following categories and labeled clearly (See [Tools & Tips](#) for more information on how to create professional communications):
 - a. Introduction/Summary
 - i. Summarize the project in one page or less. It is best to begin the proposal by writing the Introduction; this gives a good feeling for the size and scope of the project. Finally, when finished writing the other sections, return and rewrite this section to accurately summarize the proposed study.
 - b. Background
 - i. In a few paragraphs, summarize what the applicant knows about current and previous research on the topic wanted study (including work being done on this topic where the applicant goes to school). Provide references of work the applicant is familiar with or that might be helpful the work.
 - c. Proposed Activities
 - i. This is the most important section of the proposal, where the applicant answers the "how" and the "why" described above. Outline in some detail:
 1. **What** topic applicant wants to study.
 2. **Why** applicant feels this is a good (important) topic to study.
 3. **How** will the applicant go about doing the research (methods, techniques, etc.), and how it aligns, at least in a broad sense, with [NASA Directorate](#) and Center goals.
 4. **What** the applicant expects the results to be.
 5. **How** the results/products might be used.
 - a. Try to be complete; an outline of each step in the research program is a good way to start this section; then just fill in the words to describe each step. (*This step may take several pages*)

- d. Time Line
 - i. A series of dates is required:
 1. When the project starts.
 2. When the project finishes
 - a. *Spring projects must be completed by May 2024*
 - b. *Summer projects must be completed by August 2024*
 - c. *Academic year projects must be completed by August 2025*
 3. Any dates in between when specific/important steps of the work will be started or completed. This information mainly helps in planning the project.
 4. The WSGC Annual Space Conference in August
 - ii. Awardees will be expected to complete the research and submit a Final Report by the end of the time agreed upon.
 - iii. Awardees will be asked to present an oral presentation or poster of their research at the WSGC Annual Wisconsin Space Conference following the completion of the research.

Required Letters of Recommendation: *Letter(s) of recommendation may also be emailed to spacegrant@carthage.edu. Subject: UGR24_LOR.*

1. Two (2) Letters of Recommendation:
 - a. One from a faculty member who advises you on your research related to this scholarship (*or academic advisor or high school advisor for incoming freshmen*).
 - b. One from another faculty member, employer, or STEM professional of your choice.

Award Acceptance Components: As part of the award acceptance, awardees will be asked to attend the Annual Wisconsin Space Conference in August 2024 (spring scholarships) or August 2025 (fall scholarships) and submit the following documents on the WSGC application website under Program Applications/Your Applications:

- | | | |
|--|---------------------------|---|
| • Award Acceptance Letter | • Media Release Form | • 2-3 Project Photos (optional |
| • W9 (<i>Carthage College award recipients submit a W4 and I9</i>) | • One-Paragraph Biography | 1-minute video) Featuring Awardee w/Project |
| | • Professional Photo | • Final Report |
| | • Interim Report | |


Complete the following tasks:

- Office of Education Survey
- Present Project at the Annual Wisconsin Space Conference in August
- Submit a Proceeding Paper by Sept. 15th to the [Proceedings of the Wisconsin Space Journal](#)
- Submit a Student Story

Please direct questions about the [Undergraduate Research Program](#) to:

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Please follow us on     for program updates



This funding opportunity is made available for the pursuit of space-related research and/or activities through the National Space Grant College and Fellowship Program: NASA Educational Cooperative Agreement #80NSSC20M0123. Catalog of Federal Domestic Assistance (CFDA) number for this award is 43.008.

All awards are fully competitive awards of opportunity in which applications are reviewed by the WSGC Technical Advisory Panel and other experts as needed. Awards are made by the Assistant Director based on recommendations from the Associate Director.