



2023-2024

# ANNOUNCEMENTS OF OPPORTUNITY

[spacegrant.carthage.edu](http://spacegrant.carthage.edu)

## UNMANNED AERIAL VEHICLE RESEARCH SCHOLARSHIP PROGRAM (UAV)

### *Summer 2024 Research*

**Applications Open:** November 1, 2023

**Application Deadline:** February 5, 2024

**Award Announcement:** March 29, 2024

**Work Period:** June 10, 2024 to September 15, 2023\*

*\*Start time for the work period is flexible. All in-person events conclude with the Wisconsin Space Conference.*

### Awards:

- \$4,831 (\$4,488 plus payroll tax) stipend – student research scholarship (maximum four (4) students)
- On-campus housing at Lawrence University provided (optional)  
\*\* *Subject to availability of funds*

**Purpose:** The Wisconsin Space Grant Consortium (WSGC) is looking for four (4) full-time undergraduate students from affiliate member institutions majoring in a science, math, or engineering discipline to join the science team of our Unmanned Aerial Vehicle Science Fellows program. Interested students do not need to have experience, a pre-formed team, or an initial idea for a project. Interested students do need a desire to work with other students to conceive of and carry out a scientific mission using UAVs and remote sensing techniques. Some familiarity with GIS and Remote Sensing will be helpful, but not required. Training for FAA107 certification is provided through the program. The WSGC will assemble the team from selected applicants.

### To Apply:

- **CREATE a NASA STEM GATEWAY account** [stemgateway.nasa.gov/public/s/login/](http://stemgateway.nasa.gov/public/s/login/) (applicants will be required to update profile information annually).
- **CREATE a WSGC account** [spacegrant.carthage.edu/about/login/](http://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 **UNMANNED AERIAL VEHICLE** research scholarship funding program <https://spacegrant.carthage.edu/forms/account/login/> (applicants may apply to multiple funding programs).

**Application Requirements:** Applicants who meet the following requirements can apply for the **UNMANNED AERIAL VEHICLE** research scholarship funding program:

- U.S. citizen
- Enrolled full-time in, admitted to, or applied to any undergraduate program at a [WSGC college or university](http://WSGC.collegeoruniversity) (*Students enrolled in a two-year program who declare their plan to be enrolled at a WSGC Affiliate are eligible*)
- At least a sophomore standing as of fall 2023 and must be enrolled through December 2024

- Minimum 2.5 GPA (*Proposals that include a GPA of less than 2.5 will be evaluated on a case-by-case basis*)
- Strong interest in the success of the project (motivation is more important than experience, with self-motivation and ability to complete work with minimal supervision being absolutely critical)
- Completed application online (*see Supporting Materials Required with Application below*)

**\*NOTE:** After the submission deadline, WSGC may request an individual interview via phone or Zoom.

### **Supporting Materials Required with Application:**

- Letter of Interest
- Resume
- Two faculty references (Names, Emails, and Phone Numbers)

The consortium invites undergraduate students attending two- and four-year academic institutions to apply to the **UNMANNED AERIAL VEHICLE RESEARCH SCHOLARSHIP** funding program. The Consortium especially encourages applications from members of women, underrepresented communities, persons with disabilities, and those pursuing STEM-related studies supporting NASA Mission Directorates [spacegrant.carthage.edu/about/mission/directorates/](http://spacegrant.carthage.edu/about/mission/directorates/). Award winners will be chosen based on the diverse scientific and engineering needs of the team. For consideration, applicants must create a NASA STEM Gateway profile and complete the WSGC **UNMANNED AERIAL VEHICLE RESEARCH SCHOLARSHIP** application along with supporting documentation.

### [Current & Past Recipients](#)

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

- |  |  |
|--|--|
| • Award Agreement Letter   | • Professional Photo                   |
| • W9 ( <i>Carthage College award recipients submit a W4 and I9</i> ) | • Interim Report                       |
| • One-Paragraph Biography  | • 2-3 Project Photos Featuring Awardee |
|  | • Final Report                         |

Complete the following tasks:

- Office of Education Survey must be completed by December 15, 2024
- Present Project at the Annual Wisconsin Space Conference in August
- Submit a Proceeding Paper by Sept. 15<sup>th</sup> to the [Proceedings of the Wisconsin Space Journal](#)
- Submit a Student Story

**Please direct questions about the [Unmanned Aerial Vehicle Research Scholarship Program](#) to:**

#### **Jeffrey Clark, Ph.D.**

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#### **Wisconsin Space Grant Consortium**

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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.

**Please follow us on**     **for program updates**

