Higher Education Incentives (HEI)

**Applications Open:** October 25, 2019  
**Application Deadline:** December 4, 2019  
**Award Announcements:** February 21, 2020

**Awards***:

Multi-institutional Awards**: up to $20,000  
Major Awards: up to $10,000  
Minor Awards: up to $5,000

*Based on availability of funds.  
**Projects demonstrating collaboration between two- and four-year campuses or multiple four-year campuses will be eligible for the multi-institutional award.

**Purpose:** The Wisconsin Space Grant Consortium invites proposals for value-added, higher education teaching/training projects related to any space or aerospace discipline. This is a seed-grant program for faculty implemented undergraduate education projects which support the most innovative ideas on how to increase the space and aerospace content of undergraduate university and college offerings.

**Projects should:**

- have an emphasis on space sciences, aerospace engineering, or any other space-related discipline or interdisciplinary STEM field.  
- be intended for education and/or training of undergraduate students, with an emphasis on faculty enhancement and curriculum development in undergraduate education.  
- align with the NASA Mission Directorates (For more information on NASA Directorates, see spacegrant.carthage.edu/about/mission/directorates).

**To Apply:**

- Register on the WSGC website ([https://spacegrant.carthage.edu/forms/account/login](https://spacegrant.carthage.edu/forms/account/login)). Returning applicants will be required to update registration information annually.  
- **Sign in** and submit the **Grant Application Form** (applicants may apply to multiple funding programs) and supporting documents.
Application Requirements:

- Students funded through this grant must be U.S. Citizens.
- **WSGC affiliate member universities or colleges** are eligible. Industry, nonprofit associations, and nonmembers can propose programs and work jointly with one of our academic members, providing the educational activity occurs at a member campus (e.g., visiting lectureship, an extension course, nonprofit group offering).
- Higher Education Incentives must align with at least one of NASA’s Mission Directorates: **Aeronautics Research**, **Human Exploration and Operations**, **Science**, and/or **Space Technology**.
- The Consortium especially encourages applications from women, minorities and persons with disabilities.
- Minimum 1:1 match

Current & Past Award Recipients

Supporting Material Required with Application: Submit a proposal addressing each of the seven categories listed below. Be sure to clearly label each category within the proposal. The proposal should not exceed 15 pages, including figures.

1. **Introduction/Summary**: Summarize the project in one page or less. Important issues to address here and in the body of the proposal are how this project will provide curriculum development, faculty enhancement, or in any other way provide training for undergraduates in the space sciences, aerospace engineering, or other space-related discipline. NASA guidelines require that every proposal demonstrate how the proposed activities align with the goals and objectives of one or more NASA Directorates or Centers. Please be specific (Aeronautics Research, Human Exploration and Operations Mission Directorate, Science, Science Technology, Other). Because the WSGC is required to demonstrate the alignment of each of our projects with NASA Directorate or Center goals, proposals that do not demonstrate such alignment will not be funded. Provide references of related work. Be aware that not all of the WSGC review panel members are likely to be experts in this area, so make sure to provide fundamental information on the project topic.

2. **Background**: Summarize the current and previous research on the topic to be covered by the grant and indicate its importance to the field. If the applicant has received previous funding from the Higher Education Incentives program, the proposal must demonstrate that the past project has met the goals and objectives of Higher Education Incentives program. The applicant should provide specific information on how the curriculum development, faculty enhancement, or in any other way provide training for undergraduates in the space sciences, aerospace engineering, or other space-related discipline led to larger proposal submission(s), broader collaborations, etc. As this is a seed grant program, priority for funding will be given to those projects that can demonstrate strongest growth in Wisconsin’s aerospace infrastructure. Also include the previous support from the WSGC Higher Education Incentives Program (title, date, amount).

3. **Proposed Activities**: Describe
   - **Purpose** – include audience, educational objectives
   - **Method** – what activity(ies) will be included
   - **Expected Outcomes** – anticipated value, added benefits
   - **Types of presentations and/or papers which will be a by-product of this project.

   Be sure to provide fundamental information on the project. The proposed project should provide value-added, higher education teaching or training in an innovative way, and the proposal should document how these goals will be achieved. It is important to note that it is expected that faculty spend considerable time updating courses as a normal part of their duties. Proposed work falling under the purview of normal course development or improvement is unlikely to be funded.

4. **Evaluation Plan**: Provide a brief self-evaluation plan, including how the program will be continued after WSGC funds are no longer available. Provide a dissemination plan for sharing project results with WSGC
affiliate members and campus stakeholders. Include sufficient detail to allow reviewers to assess the viability of the plan.

5. **Time Line/Schedule:** Please provide dates indicating when the project start and finish date, as well as any important milestones. Applicants will be required to submit an Interim Report and a Final Report.

6. **Budget/Use of Funds:** Provide a budget summary for the proposal that shows labor (people, hours, rates and total), travel details (where, transportation costs, hotel costs, meal costs) and any other allowable and allocable costs (with equivalent detail). All funds should be expended prior to September 30, 2020.

![Proposed Budget Template](image)

**Proposed Budget Template**

Organization ____________________________________________________________________________

Period of Performance ___/___/___ to ___/___/___

<table>
<thead>
<tr>
<th>BUDGET ITEM</th>
<th>WSGC</th>
<th>MATCH SOURCE*</th>
<th>TOTAL</th>
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</thead>
<tbody>
<tr>
<td>Salaries and Fringe Total**</td>
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<tr>
<td>Include name and role for each individual receiving salary and fringe through WSGC and Match funding.</td>
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<tr>
<td>Travel Total***</td>
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<td>Include Location</td>
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<tr>
<td>Participant Support Total</td>
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<tr>
<td>Include name and role for each student/individual receiving a stipend through WSGC and Match funding.</td>
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<tr>
<td>Materials and Supplies Total****</td>
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<tr>
<td>Other Direct Costs</td>
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<tr>
<td>Indirect Costs</td>
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<tr>
<td>Match Only. Include Indirect Rate and basis</td>
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<tr>
<td>Total $</td>
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</tbody>
</table>

* A minimum 1:1 project match is required. Add more match columns if there is more than one source of matching funds. Indicate the source of each match.

** The Research Infrastructure Program will normally provide funding for labor, including collaborators and students.

*** WSGC financially supports travel to and from the Wisconsin Space Conference only if expenses are included in this budget proposal. Travel will be considered if it is fundamentally important to the project. Out of country travel cannot be funded. Please delineate between air, ground, lodging, and meal expenses.

**** WSGC will not fund overhead. Any institutional overhead must be applied as matching funds. Given budget limitations, we will likely not support any amount for equipment or rental of facilities. We highly recommend alternative means to purchase equipment or materials needed for the project and apply them as matching funds.
7. **Personnel:** Include brief qualifications for any personnel included in projects. WSGC requires a list of all students receiving funds through this grant to be submitted as outlined in the Award Agreement Letter. Students register on the WSGC application website under Program Applications/Professional Student Programs.

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

- Award Agreement Letter
- Institution W-9
- Media Release Form
- One-Paragraph Biography
- PI Professional Photo
- Quarterly Invoice with Receipt Copies
- Verified Program Match Form
- Office of Education Survey must be completed by December 15, 2020
- Interim Report (if period of performance is greater than 6 months)
- Summary/Final Report (due 30 days after the project end date)
- Present project at the Annual Wisconsin Space Conference
- 2-3 project photos featuring faculty/students

**Please direct questions about the Higher Education Incentives Program to:**

**Christopher Stockdale**  
Wisconsin Space Grant Consortium  
Associate Director for Higher Education  
Marquette University, Associate Professor of Physics  
Phone: 414-288-7069  
Fax: 414-288-7790  
christopher.stockdale@marquette.edu

**Wisconsin Space Grant Consortium**  
Carthage College  
2001 Alford Park Drive  
Kenosha, WI 53140  
Phone: 262-551-6054  
E-mail: spacegrant@carthage.edu

Please follow us on [Instagram], [Facebook], [Twitter], [LinkedIn] 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 Training Grant #NNX15AJ12H. Catalog of Federal Domestic Assistance (CFDA) number for this award is 43.008. Award recipients are subject to the terms of this award.

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.