FUNDING PROGRAMS
Earth and Beyond: The Next Generation of Exploration
spacegrant.carthage.edu
Wisconsin Space Grant Consortium

- a network of 36+ academic, industrial, and governmental partners dedicated to building a vibrant aerospace workforce in Wisconsin.
- We fund college students and faculty to participate in NASA programs and to conduct space-related research on their home campus.
- We offer paid student internships with aerospace partners throughout Wisconsin.
These UW System schools are all affiliate members of WSGC:
- UW Green Bay
- UW Green Bay Sheboygan Campus*
- UW La Crosse
- UW Madison

* Indicates a campus recognized as a two-year campus by WSGC
These UW System schools are all affiliate members of WSGC:

- UW Milwaukee
- UW Milwaukee at Washington County*
- UW Oshkosh
- UW Oshkosh Fox Cities Campus*
- UW Parkside

* Indicates a campus recognized as a two-year campus by WSGC
These UW System schools are all affiliate members of WSGC:
- UW Platteville
- UW River Falls
- UW Stevens Point
- UW Superior
- UW Whitewater
Use the unique assets and capabilities of NASA to equip the citizens of Wisconsin with the math, science and technology tools they need to thrive in the 21st century.

Principle Efforts

• STEM Education and Outreach
• Aerospace Workforce Development
WSGC Programs

Unique Features of WSGC

• Programs from K to ∞
• NASA Resources and Career Linkages
• Formal and Informal Educator Funding
• Cooperative Partnerships Between Academic and Commercial Partners

Space Grant Program Areas

• Fellowships/Scholarships
• Higher Education Research Grants
• Research Infrastructure Grants
• Pre-college Funding
• Informal Education Grants
Undergraduate Scholarships

Must be attending a WSGC college / university

• Undergraduate Scholarships
  – Support outstanding undergraduate students pursuing aerospace, space science, or other space-related studies/research.
  – Up to $2000/year.

• STEM Bridge Scholarship
  – Support outstanding undergraduate students identified as a member of a federally recognized minority group enrolled in a STEM program of study, demonstrating an interest in aerospace or supporting NASA’s mission.
  – Up to $2000/year (renewable).

• Women in Aviation Scholarship
  – Support outstanding female undergraduate students interested in aviation-related careers.
  – Up to $2000/year. Support includes transportation, lodging, meals, and registration.
Undergraduate Research Scholarships

- Undergraduate Research Scholarship
  - Provided to qualified students to create and implement a research program of their own design.
  - Summer or academic year research.
  - Up to $4000.

Must be attending a WSGC college / university
Student Satellite Programs

– **Collegiate Rocket Competition**: design, build, and fly a rocket.
  - $1,000 plus motors and altimeter per team
  - Travel funds available to teams traveling more than 100 miles
  - 4-6 students per team
  - 12 teams selected to compete in Kansasville, WI
  - Advisor required

– **Midwest Rocket Competition**: design, build, and fly a rocket.
  - $2,400 per team
  - 4-6 students per team
  - Maximum 3 teams selected to compete in North Branch, MN
  - Advisor required
Student Satellite Programs

- **High Altitude Balloon Program**: design and build space experiments and launch them to the edge of space on a balloon.
  - 10-week summer research fellowship
  - Up to $4000 stipend; Up to $5000 Team Lead stipend
  - Located at Milwaukee School of Engineering
  - Open to all 28 academic affiliate institutions

- **CubeSat Program**: design, build, and launch a 3U CubeSat.
Student Satellite Programs

- **Unmanned Aerial Vehicle Research Scholarship Program**: conduct earth observing experiments using remote sensing technologies and techniques.
  - 10-week summer research scholarship
  - Up to $4000 stipend
  - FAA Type 107 Certification
  - Located at Lawrence University
  - Open to all 28 academic affiliate institutions
Industry Internships

NASA Internships

- **Wisconsin Industry Partners**
  - $5000 WSGC sponsored
  - Industry sponsorship
  - 300+ Aerospace Manufacturers

- **NASA Internships**
  - $7300 Undergraduate Student
  - $11680 Graduate Student
Graduate & Professional Graduate Fellowships

• WSGC Graduate & Professional Research Fellowship
  – Support outstanding students enrolled in a graduate or professional degree granting program pursuing aerospace, space science or other interdisciplinary space-related independent research or design.
  – Up to $5000/year.
• Dr. Laurel Salton Clark Graduate & Professional Research Fellowship
  – Support a promising graduate or professional student pursuing studies in the fields of environmental or life science, whose research has an aerospace component.
  – Up to $5000/year.
Faculty Programs

- **Research Infrastructure Programs**
  - Support faculty and research staff seeking to initiate a new or continue a current research program related to space science, aerospace, and space-related research infrastructure.
  - Up to $10000/year.

- **Early-Stage Investigator Programs**
  - Support faculty members in the first five-years of their first tenure-track in the development of research capacity and/or the pursuit of initial research data for subsequent funding.
  - Up to $5000/year.

- **Higher Education Incentives**
  - Support outstanding proposals for value-added, higher education training/training projects related to any space or aerospace discipline.
  - Up to $10000/year.

- **Multi-Institutional Programs**
  - Support projects demonstrating collaboration between two- and four-year campuses or multiple four-year campuses.
  - Up to $15000/year.
NASA Competition Programs

- RockOn/RockSat
- Robotic Mining
- X-HaB: NASA eXploration Habitat
- HASP: High Altitude Student Platform
- MATE ROV

Microgravity Programs
- Involves a NASA center and requires a NASA-managed selection process.
- Up to $3000 project or travel funds.
- Fall and Spring opportunity.
- Faculty Grant.
<table>
<thead>
<tr>
<th>UW Oshkosh Fox Cities</th>
<th>2009-2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Students</td>
<td>32</td>
</tr>
<tr>
<td>Number of Faculty</td>
<td>0</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td></td>
</tr>
<tr>
<td>Total Student Funding</td>
<td>$38,900</td>
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<tr>
<td>Total Faculty/Staff Funding</td>
<td>$0</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$38,900</strong></td>
</tr>
</tbody>
</table>
WSGC Funding Opportunities

STUDENT PROGRAMS

SCHOLARSHIPS/FELLOWSHIPS

Undergraduate Scholarship (UGS)
Two-year Academic Institutions

STEM Bridge Scholarship (SBS)

Women in Aviation Scholarship (WAI)
Application Deadline: October 4, 2021

Undergraduate Scholarship (UGS)
Undergraduate Research (UGR)
Application Deadline: March 7, 2022

Dr. Laurel SaltonClark Memorial Graduate & Professional Fellowship (LSC)
WSGC Graduate & Professional Research Fellowship (GPP)
Application Deadline: March 14, 2022

SUMMER RESEARCH PROGRAMS

Elijah High-Altitude Balloon Program (EBP)
Unmanned Aerial Vehicle Program (UAV)
Work period: June 1, 2022-August 15, 2022
Application Deadline: February 14, 2022

ROCKET PROGRAMS

Collegiate Rocket Launch (CRL)
First Nations Launch (FNL)
WSGC Notice of Intent (NOI) to compete due:
Application Deadline: October 22, 2021
CRL/FNL Launch Competition: April 3, 2022

Midwest Rocket Launch (MRL)
WSGC Notice of Intent (NOI) to compete due:
Application Deadline: October 29, 2021
WSGC Funding Opportunities

FACULTY PROGRAMS

Higher Education Incentives (HEI)
Research Infrastructure Program (RIP)
Early-Stage Investigator Program (ESI)
Application Deadline: December 10, 2021

NASA Sponsored Competitions (OPP)
Fall Application Deadline: November 12, 2021
Spring Application Deadline: February 4, 2022

OUTREACH & INDUSTRY PROGRAMS

Embedded Teacher Program (ETP)
Application Deadline: September 3, 2021

Aerospace Outreach Program (AOP)
Special Initiatives Program (SIP)
Application Deadline: October 8, 2021

Industry Internship Program (IIP)
Application Deadline: November 5, 2021
Welcome to Wisconsin Space Grant Consortium's registration and application site. We thank you for your interest in our funding programs.

**TO BEGIN:**
1. First register with WSGC. If you have already registered with WSGC, you will be required to update your information annually.
2. Sign in and submit the Grant Application Form *(you may apply to multiple funding programs).*

**GRANT MANAGEMENT**
1. Awardees will receive an award letter by email.
2. WSGC will send a secondary email, notifying awardees that their Grant Management page is open. Upon receiving this email, awardees can submit their acceptance materials.
3. Team awards require a team roster to be submitted. Once the roster has been received and students have registered with WSGC, an email will be sent to notify students that their Grant Management page is open. Upon receiving this email, students can submit their acceptance materials.