



Wisconsin Space Grant Consortium

Carthage College



2014-2015 ANNOUNCEMENT OF OPPORTUNITY RESEARCH INFRASTRUCTURE PROGRAM

Applications Open: December 15, 2014
Submittal Deadline: February 13, 2015
Award Announcements: April 10, 2015



Purpose:

The Wisconsin Space Grant Consortium (WSGC) Research Infrastructure Program is designed to provide support to faculty and research staff from the [WSGC universities and colleges](#) seeking to initiate a new research program, and from [WSGC industrial affiliates](#) to establish a space-related research program. The awards provide faculty and research staff support for a variety of activities related to developing space science, aerospace, and space-related research infrastructure.

Categories:

Awards will be made in the following categories:

1. Modest grants for Faculty Research Seed Grants and/or Faculty Proposal Writing
2. Smaller grants for other types of Research Initiatives (*e.g. seminars, workshops, and/or travel to NASA Centers*)

Awards:

Faculty Research Seed Grant and Proposal Writing grants:

- Awarded up to a \$5,000* award per year (*maximum two years*)
- Second year funding requires submitting a new proposal which describes the progress made toward achieving the program goals.

Other Research Initiative awards to support infrastructure development or collaborations:

- up to \$1,000*

Awards will be based on the proposal topic, quality, credentials of the investigator(s), the probability of success in developing space-related research infrastructure, and specific plans on how this seed funding will help to build this research program.

**Based on availability of funds. WSGC will not fund overhead, however, it may be counted as institutional match. A 1:1 match is required.*

Requirements:

- U.S. Citizen
- Faculty and research staff at all [WSGC universities and colleges and staff at WSGC industrial affiliates](#) are eligible.
- Research initiatives must focus on NASA-related activities including: earth and atmospheric sciences, astronautics, aeronautics, space sciences, and any other space-related fields (*e.g. agriculture, business, law, medicine, nursing, social and behavioral sciences, and space architecture*). Faculty on university/industry teams in all areas of research will be considered.
- The Consortium especially encourages applications from women, minorities and persons with disabilities.

The Consortium is especially interested in applications that:

- emphasize new lines of space-related research.
- increase research capability.
- build research infrastructure.
- establish research collaborations.
- initiate research opportunities in line with the NASA Mission Directorates (*For more information on NASA Directorates, see spacegrant.carthage.edu/about/mission/directorates*).
- coordinate efforts with other NASA programs like the JOVE Program, Summer Faculty Fellowship Program, Graduate Student Researchers Program, and NASA Office of Equal Opportunity programs
- enhance research collaborations, mentorships, and other opportunities with NASA Centers
- establish collaborations among faculty from liberal arts colleges with faculty from research-intensive doctoral universities, Wisconsin aerospace industries, and NASA Centers
- implement research activities linking academic and industrial affiliates, including workshops, seminars, internships, data transfer, and technology transfer.

Supporting Material Required:

Submit a proposal addressing each of the seven categories listed below. Be sure to clearly label each category within your proposal. You will be asked to upload your proposal at the bottom of the application. It should not exceed 15 pages, including figures. Proposal budgets cannot exceed 1 year and a \$10,000 maximum award.

1. Introduction/Summary:

Summarize your project in one page or less. Important issues to address here and in the body of the proposal are why your topic is of interest to NASA and how this project will build infrastructure or lead to the development of a larger proposal effort to NASA or another government agency. For more information on NASA Directorates, see spacegrant.carthage.edu/about/mission/directorates.

2. Background:

Summarize current and previous research on the topic. Provide references of related work. Be aware that not all of the WSGC review panel members are likely to be experts in your area, so make sure you provide fundamental information on your topic.

3. Proposed Activities:

Describe your research objectives, methods and expected outcomes. Again, be sure to provide fundamental information on your research.

4. Time Line:

Please provide dates indicating when you will start the project, when you will finish the project and any dates in between when specific/important steps of the work will be started or completed. You will be required to submit an Interim Report and a Final Report.

5. Budget:

You need to provide a budget summary for your proposal that shows labor (people, hours, rates and total), travel details (where, transportation costs, hotel costs, meal costs) and any other costs (with equivalent detail). The Research Infrastructure program normally will provide funding for labor, including your collaborators and students.

Travel will also be supported if it is considered important to your work or beneficial to your research experience. Out of country travel cannot be funded. You also need to indicate matching funds and the source (overhead, equipment, labor) with similar detail. Also note that your organization is required to provide matching funds of at least 1:1 to your budget. 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 you find alternative means to purchase equipment or materials needed for your research and apply them as matching funds. Please see the quick reference guide to allowable and unallowable costs for Federally Sponsored Programs. Call the WSGC Program Office (262) 551-6054 or **Research Office (608) 785-8431** if you would like us to help you in this matter.

6. Previous Funding:

If you have received previous funding from the WSGC Research Infrastructure Program, you must demonstrate that your past research project has met the goals and objectives of our Research Infrastructure Program. You should provide specific information on how your research 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 Research Infrastructure Program (title, date, amount).

7. CV:

Please include an updated two page CV.

If you have questions about the Research Infrastructure Program, please contact:

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