

## APPLICATION

Fellowship applications may be obtained from the Campus Representatives or downloaded from the OSGC website:

<http://www.osgc.org/pdf/SchApp.pdf>

To be considered for the 2010-2011 Fellowship Program, a complete application package containing the following materials must be submitted to the Campus Representative at the university to be attended by **February 1, 2010:**

- Completed Graduate Fellowship Application form;
- Resume and Essay (Refer to Application form);
- Official transcripts of all undergraduate and previous graduate work.

### Master's Fellowship Applicants:

- Two completed Recommendation forms, one must be from the applicant's academic advisor. For current graduate students, one Recommendation form must be from the applicant's thesis advisor.

### Doctoral Fellowship Applicants:

- Two completed Recommendation forms, one must be from the applicant's MS thesis advisor (academic advisor if in a direct doctoral program).

It is the applicant's responsibility to obtain application materials and to request evaluations and transcripts in sufficient time to meet the application deadline. There will be no exceptions for late applications.

### **DELIVER TO:** Your Campus Representative

*(Please refer to the listing on the reverse side.)*

## EVALUATION AND SELECTION

Initial evaluation and selection for both programs will be by a faculty committee at each participating university. Applicants for both programs will be evaluated separately. Final selection will be by a joint OSGC Committee. Selection is competitive and will be based upon academic achievement, recommendations and research background, and the research project. Preference will be given to students beginning, or in the first year, of the program for which they are applying. For Doctoral students, the research program must be of relevance to the interests of scientists/engineers at NASA Glenn Research Center, Air Force Research Laboratory, or another federal research center. It is anticipated that two Master's and two Doctoral Fellowships, and one Special Minority Fellowship will be awarded in 2010-2011. Written notification of the Fellowship award will be mailed in the Spring.

## CAMPUS REPRESENTATIVES

### Air Force Institute of Technology

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### Ohio University

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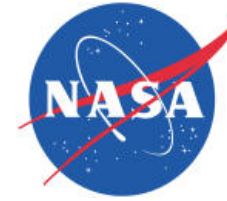
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### Ohio Space Grant Consortium

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(440) 962-3032 or (800) 828-6742 (OSGC)  
Email: [osgc@oai.org](mailto:osgc@oai.org)

Visit the OSGC at: <http://www.osgc.org/>



# 2010-2011

# GRADUATE

# FELLOWSHIP



# PROGRAM

# ANNOUNCEMENT



<http://www.osgc.org/>

## THE FELLOWSHIP PROGRAM

The Ohio Space Grant Consortium (OSGC) and its member universities offer graduate Fellowships to students who are United States' citizens and have demonstrated the ability and aptitude for advanced study in studying in a **Science, Technology, Engineering, and Mathematics (STEM)** related discipline. Fellowships are funded through the Congressionally sponsored National Space Grant College and Fellowship Program, administered by the National Aeronautics and Space Administration (NASA). Matching funds are provided by member universities, the Ohio Aerospace Institute (OAI), and private industry. Fellowships are awarded to United States' citizens, and who are full-time students in Master's and Doctoral programs at the following Space Grant member universities.

- Air Force Institute of Technology
- Case Western Reserve University
- University of Cincinnati
- Cleveland State University
- University of Dayton
- The Ohio State University
- Ohio University
- The University of Akron
- The University of Toledo
- Wright State University
- Youngstown State University

### *STEM-related disciplines include:*

- Aeronautical Engineering
- Aerospace Engineering
- Astronomy
- Biology
- Biomedical Engineering
- Chemical Engineering
- Chemistry
- Civil Engineering
- Computer Science and Engineering
- Control Engineering
- Electrical Engineering
- Engineering Mechanics
- Industrial Engineering
- Geology
- Manufacturing Engineering
- Materials Science and Engineering
- Mathematics
- Mechanical Engineering
- Petroleum Engineering
- Physics
- Radiological Engineering
- Science
- Systems Engineering

### *Research areas of interest include:*

- Astrobiology
- Aerospace Applications
- Bio-Processes
- Combustion
- Communications
- Computational Systems
- Electronics
- Fluid Mechanics
- Heat Transfer
- Instrumentation and Controls
- Materials
- Mechanics
- Power Technology
- Remote Sensing
- Robotics
- Solid State Physics
- Structures

## THE MASTER'S FELLOWSHIP ELIGIBILITY

NASA Ohio Space Grant Master's Fellowships are offered to United States' citizens enrolled full time in a Master's Degree program in a STEM-related discipline at one of the member universities. Applicants must have applied to the graduate school of one of the universities and must expect to have completed the Bachelor's Degree before the Fall, 2010 term. Underrepresented students including women, minorities, and persons with disabilities are encouraged to apply.

### MASTER'S PROGRAM REQUIREMENTS

Master's Fellowship recipients are required to select a thesis option for their program. The thesis topic should have a relationship to STEM. Fellows are required to attend the annual Student Research Symposium and make a 15-minute PowerPoint presentation on their research project.

### AWARD AND TENURE

The award for Master's Fellows includes a stipend of **\$16,000** per calendar year (\$13,000 - OSGC; \$3,000 - University), and a tuition waiver from the university.

Master's Fellowships begin in Fall, 2010, and have a maximum tenure of 18 months. Continuation of the Fellowship after the first 12 months will be contingent upon satisfying the program requirements and is also based upon the recommendation of the thesis advisor and the university's OSGC Campus Representative.

### SPECIAL MINORITY FELLOWSHIP

One competitive Special Minority Fellowship will be awarded to an underrepresented student who is pursuing a Master's or Doctoral Degree in a STEM discipline at an OSGC member university. The fellowship is offered on an annual basis, and the award is the same as OSGC Master's or Doctoral Fellowships outlined above.

## THE DOCTORAL FELLOWSHIP ELIGIBILITY

NASA Ohio Space Grant Doctoral Fellowships are offered to United States' citizens enrolled full time in a Doctoral program in a STEM-related discipline at one of the member universities. Applicants must have completed the Master's Degree or equivalent (normally two years of graduate study) before the beginning of the Fall 2010 term. Underrepresented students including women, minorities, and persons with disabilities are encouraged to apply.

### DOCTORAL PROGRAM REQUIREMENTS

As a part of the Doctoral Fellowship program, there is a requirement that the dissertation research area be of technical interest and importance to work being done at NASA Glenn Research Center, Air Force Research Laboratory, or another federal research center. A mentor from one of these centers must approve the research topic, and he/she must be a member of the dissertation committee. The university advisor should strive to develop a collaboration with the research center scientist/engineer. It is also highly desired that the student spend some research time on-site at the research center doing experimental, analytical, or computational work with the mentor. An analogous arrangement is necessary for industry-funded Fellowships. Fellows are required to attend the annual Student Research Symposium and make a 15-minute PowerPoint presentation on their research project.

### AWARD AND TENURE

The award for Doctoral Fellows includes a stipend of **\$20,000** per calendar year (\$15,000 - OSGC; \$5,000 - University), and a tuition waiver from the university.

Doctoral Fellowships begin in the Fall, 2010, and have a maximum tenure of three years. Continuation of the Fellowship after the first year will be contingent upon the Fellow meeting the program requirements and based upon the recommendation of the thesis advisor, the university's OSGC Campus Representative, and the research center mentor.