

## APPLICATION

Fellowship Applications may be obtained from the Campus Representatives, downloaded from the OSGC website - <http://www.osgc.org/pdf/FellApp.pdf>, or by contacting the Space Grant Main Office.

To be considered for the 2009-2010 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, 2009:**

- 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 of which 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 of which 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: Space Grant Fellowship Program

c/o Appropriate Campus Representative listed 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 the two programs will be evaluated separately. Final selection will be by a joint Ohio Space Grant Consortium 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 the NASA Glenn Research Center, the Air Force Research Laboratory, or another federal laboratory. It is anticipated that two Master's Fellowships and two Doctoral Fellowships will be awarded in 2009-2010. Written notification of award of Fellowship will be mailed in Spring, 2009.

## CAMPUS REPRESENTATIVES

### Air Force Institute of Technology

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### Ohio University

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### The University of Toledo

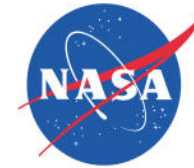
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### Wright State University

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# 2009-2010

# GRADUATE

# FELLOWSHIP



# PROGRAM

# ANNOUNCEMENT



**Ohio Space Grant Consortium**  
22800 Cedar Point Road  
Cleveland, OH 44142  
440.962.3032 or 800.828-6742 (OSGC)

Visit the OSGC at - [www.osgc.org](http://www.osgc.org)

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## 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 Aerospace-related engineering and science. Fellowships are funded through the Congressionally sponsored National Space Grant College and Fellowship Program, administered by the National Aeronautics and Space Administration (NASA) and by NASA Headquarters. 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

### *Disciplines appropriate to this program include:*

- Aeronautical Engineering
- Aerospace Engineering
- Astronomy
- Biology
- 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
- 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 an Aerospace-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 2009 term. Members of underrepresented groups including women, minorities, and persons who are physically challenged 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 aerospace. Fellows are also required to present their research at an annual Research Symposium sponsored by the Space Grant. Occasional, voluntary participation in activities associated with campus OSGC programs may be requested by the OSGC Campus Representative.

### AWARD AND TENURE

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

Master's Fellowships begin in the Fall of 2009 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.

## THE DOCTORAL FELLOWSHIP ELIGIBILITY

NASA Ohio Space Grant Doctoral Fellowships are offered to United States citizens enrolled full time in a doctoral program in an Aerospace-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 2009 term. Members of underrepresented groups 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 the NASA Glenn Research Center or another federal research center such as the Air Force Research Laboratories. A mentor from one of these laboratories 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 government laboratory scientist/engineer. It is also highly desired that the student spend some research time on-site at the government center doing experimental, analytical, or computational work with the mentor. An analogous arrangement is necessary for industry-funded Fellowships. Fellows are also required to present their research at an annual Research Symposium sponsored by the Space Grant. Occasional, voluntary participation in activities associated with campus OSGC programs may be requested by the OSGC Campus Representative.

### AWARD AND TENURE

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

Doctoral Fellowships begin in the Fall of 2009 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 government mentor.