

## APPLICATION

Education Scholarship Applications may be obtained from the Campus Representatives, or downloaded from the OSGC website:

<http://www.osgc.org/scholarship.html#education>

To be considered for the 2012-2013 Education Scholarship Program, a complete application package consisting of the materials listed below must be submitted by **October 31, 2012**. Prospective applicants are expected to discuss the program with their university's Ohio Space Grant Consortium Campus Representative before completing the application. Campus Representatives are listed on the reverse side of this Announcement.

- Completed Education Scholarship Application form, including personal objective statement and education project proposal;
- One completed Letter of Recommendation or Education Scholarship Recommendation Form;
- Official transcripts.

It is the applicant's responsibility to obtain application materials and to request Letters of Recommendations 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

Selection is competitive and will be based upon the applicant's academic record, written letters of recommendation, and the applicant's personal objective statement and education project proposal. Separate evaluation of applicants and award of scholarships will take place at each member university. Written notification of award of scholarship will be mailed in late Fall, 2012.

## CAMPUS REPRESENTATIVES

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# 2012-2013

# EDUCATION

# SCHOLARSHIP



# PROGRAM

# ANNOUNCEMENT



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

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## EDUCATION SCHOLARSHIP PROGRAM



In an effort to increase the number of students entering the teaching profession, the Ohio Space Grant Consortium (OSGC) and its member universities provide financial support through competitively awarded scholarships to undergraduate or graduate students pursuing certification and licensure in a Science- or Mathematics-related discipline in one of the following grade levels at an OSGC participating school:

- Early Childhood Education ( Pre-K through Grade 3)
- Middle Childhood Education (Grades 4-9)
- Adolescent to Young Adult Education (AYA) (Grades 7-12)
- Multi-Age Education (Pre-K through Grade 12)

These scholarships are funded through the Congressionally sponsored National Space Grant College and Fellowship Program, administered by the National Aeronautics and Space Administration (NASA). The following schools are eligible to participate in the program:

- Cedarville University
- Central State University
- Cleveland State University
  - Kent State University
  - Marietta College
  - Miami University
- Ohio Northern University
  - Ohio University
- The University of Akron
- University of Cincinnati
  - University of Dayton
- The University of Toledo
  - Wright State University
- Youngstown State University

## THE SCHOLARSHIP ELIGIBILITY

Scholarships are available to undergraduate or graduate students who are United States' citizens, and are pursuing certification and licensure in a Science- or Mathematics-related discipline at an OSGC member university. Underrepresented students including women, minorities, and persons with disabilities are encouraged to apply.

### REQUIREMENTS

Each OSGC Education Scholar will plan and conduct an educational project or activity under the guidance and approval of a campus advisor/mentor incorporating technical material into a K-12 lesson, series of lessons, or activity highlighting the significant collections of available NASA educational materials. Awardees are required to attend a one-day pre-service teacher workshop at the Ohio Aerospace Institute in Cleveland, Ohio, as part of the program (workshop date to be announced).

To showcase the educational project or activity, scholars are also requested to attend the annual Student Research Symposium at the Ohio Aerospace Institute in April and present a poster.

### AWARD AND TENURE

The Education Scholarship is a one-year award of **\$2,000** and is paid during the academic year. Contact your campus representative for additional information about how funds are dispersed at your school. Scholarships are awarded in the 2012-2013 academic year.



## EXAMPLES OF EDUCATIONAL TOPICS

Examples of some suggested topics are as follows:

- Robotics and Unmanned Space Exploration
- Space Food and Nutrition
- Principles of Rocketry
- Principles of Flight
- Comparing and Contrasting the Planets
- The Effects of the Human Body in Space
- Students Investigate Human Physiology in Space to Increase their Understanding of the Human Cardiovascular System
- How Big Is Our Solar System? An Exploration of Proportion and Scale for Algebra I
- Inquiry-based and Discovery Learning in Math
- Ecology on Mars
- Creating a Self-Sustaining Ecosystem
- Newton's 3 Laws of Motion
- Using Proportions and Ratios to Create a Model of Solar System
- Exploring the Orion Spacecraft
- Modeling Orbits in the Solar System
- Newton Car
- Applications of Ellipses
- Geometry and Rockets
- Discovering Properties of Stars: Color, Luminosity, and Temperature

### SCHOLARSHIP RENEWAL

Scholarships may be renewable for the following year if the student's academic performance is acceptable, good progress has been made on the education research project with plans for the following year, and upon approval of the Campus Representative.

#### Ohio Space Grant Consortium

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