

APPLICATION

Scholarship Applications may be obtained from the OSGC Education Campus Representative (refer to the list provided), or downloaded from the OSGC website:

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

Students are urged to review the application package with their Advisor and/or Education Campus Representative before completing the application. It is the student's responsibility to signatures and transcripts in sufficient time to meet the deadline. There will be no exceptions for late applications.

The application package must include the following:

- Completed Application form (includes educational and career goals and proposed education project)
- Resume
- Unofficial Transcripts
- Certification (both Student Signature and Education Representative Signature required)

DEADLINE TO APPLY

The completed application package must be submitted to the Education Campus Representative by **March 1**. Applications are due to the OSGC Program Office by **Mid-March**.

EVALUATION

Selection is competitive and will be based upon the applicant's academic record, personal objective statement, and proposed education project. Evaluation of applicants and award of scholarships will take place at each member university. Written notification of scholarship awards will be sent to recipients in the Spring.

EDUCATION CAMPUS REPRESENTATIVES

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2022-2023

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 OSGC provides financial support through competitively awarded Education scholarships. Women, underrepresented minorities, and persons with disabilities are encouraged to apply. Open to

undergraduate or graduate students who are pursuing certification and licensure in Science, Mathematics, or Early Childhood Education at an OSGC Affiliate university through the College of Education in one of the following grade levels:

- 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)

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

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

SCHOLARSHIP ELIGIBILITY

Scholarships are open to undergraduate or Post-Baccalaureate students who are United States' citizens, and are pursuing certification and licensure in a Science- or Mathematics-related discipline at one of the Affiliate member universities. Underrepresented minorities, females, and persons with disabilities are especially 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. The project must be in direct alignment with one of the following four (4) NASA Mission Directorates: [Aeronautics Research Mission Directorate](#) (ARMD); [Human Exploration and Operations Mission Directorate](#) (HEOMD); [Science Mission Directorate](#) (SMD); and [Space Technology Mission Directorate](#) (STMD). *It is likely that your project will align with the Science Mission Directorate.*

Awardees are required to attend a one-day pre-service teacher workshop in the Fall, at the Ohio Aerospace Institute in Cleveland, Ohio, as part of the program requirements.

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

AWARD AND TENURE

The Education Scholarship is a one-year award of **\$2,000** and begins with the Fall term. OSGC will provide the funding to the university in late Summer. Contact your Education Campus Representative for additional information about how funds are dispersed at your school. No indirect charges are allowed by the university for scholarship awards.



EDUCATIONAL PROJECT 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 Education Campus Representative.

Ohio Space Grant Consortium

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

