

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

Baldwin Wallace University
Dr. James (Jim) W. McCarga
Professor of Chemistry
Associate Dean
School of Natural Sciences,
Mathematics and Computing
216 Telfer Hall
Phone: (440) 826-2313
Email: jmccarga@bw.edu

Cedarville University
Dr. Robert Chasnov, P.E.
Senior Professor and Dean
School of Engineering and
Computer Science
Phone: (937) 766-7683
Email: chasnovr@cedarville.edu

Central State University
Dr. Rajeev Swami
College of Education
Science Education
Room 213B
Phone: (937) 376-6712
Email: RSwami@centralstate.edu

Cleveland State University
Ms. Erica Arpajian
Administrative Coordinator
Education Student Services Center
College of Education &
Human Services
Julka Hall 170
Phone: (216) 523-7135
Email: e.l.miller@csuohio.edu

Kent State University
Dr. Joseph D. Ortiz
Professor
Department of Geology
Center for Ecology and Natural
Resources Sustainability
Phone: (330) 672-2225
Email: jortiz@kent.edu

Marietta College
Cathy Mowrer, Ph.D.
McCoy Professor of Education
Erwin 202
Phone: (740) 376-4796
Email: mowrerc@marietta.edu

Miami University
Dr. Ann Haley MacKenzie
Associate Professor
Department of Teacher Education
401 McGuffey Hall
Email: mackenh@muohio.edu

Ohio Northern University
Dr. Todd France
Assistant Professor
Engineering Education
James Lehr Kennedy 274
Phone: (419) 772-2383
Email: t-france.1@onu.edu

Ohio University
Dr. Shawn Ostermann
Associate Dean
Research, Graduate Studies,
& Planning
Stocker Center
Room 153
Phone: (740) 593-1482
Email: ostermann@ohio.edu

The University of Akron
Dr. Julie Zhao
Assistant Dean, Recruiting, Retention
and Marketing
302 Buchtel Common
ASEC-203D
Phone: (330) 972-2823
zhao1@uakron.edu

University of Cincinnati
Dr. Laura Dell
Associate Dean
Academic Affairs
410F Teachers College
Phone: (513) 556-0238
Email: della@ucmail.uc.edu

The University of Dayton
Dr. Mary Kay Kelly
Associate Professor
Department of Teacher Education
Raymond L. Fitz Hall
Room 680Z
Phone: (937) 229-4140
Email: mkkelly2@udayton.edu

The University of Toledo
Dr. Mark Templin
Professor
Curriculum and Instruction
Judith Herb College of Education
Gillham Hall
Room 2000A
Phone: (419) 530-8458
Email: mark.templin@utoledo.edu

Wright State University
Romena M. Garrett Holbert, Ph.D.
Associate Professor
Teacher Education
351 Allyn Hall
Phone: (937) 755-4471
Email: romena.holbert@wright.edu

Youngstown State University
Ms. Karen L. Henning
Academic Advisor
Beeghly College of Education
Office of Student Services
Phone: (330) 941-3602
Email: klhenning@ysu.edu



2021-2022

EDUCATION

SCHOLARSHIP

PROGRAM

ANNOUNCEMENT



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

Follow OSGC on:



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

22800 Cedar Point Road
Cleveland, OH 44142
(440) 962-3099 or (800) 828-6742 (OSGC)
Email: TimHale@oai.org
Visit the OSGC at: <http://www.osgc.org/>

