

# VIRGINIA SPACE GRANT CONSORTIUM



## MEMBERS

College of William and Mary

Hampton University

Old Dominion University

University of Virginia

Virginia Tech

NASA Langley Research Center

NASA Goddard Space Flight Center's

Wallops Flight Facility

State Council of Higher Education for Virginia

Virginia Community College System

Virginia Department of Education

MathScience Innovation Center

Science Museum of Virginia

Virginia Air and Space Center

Center for Innovative Technology

## Our Programs

### Pathways Flight Academies - [vsgc.odu.edu/pathwaysflightacademies](http://vsgc.odu.edu/pathwaysflightacademies)

The US needs airline pilots and aviation workers! Virginia Space Grant Consortium and partners are offering a free, two-week, residential flight academy. Students complete ground school, flight training, and a solo flight! Immerse yourself in the field of aviation and discover exciting career opportunities. Virginia residents who are US citizens, at least 16 years old with a 3.0 or higher GPA can apply. Students must be able to pass an FAA flight physical exam. **Applications open in November 2019 for Summer 2020 Academies.**



### Virginia Space Coast Scholars - [vsgc.spacegrant.org](http://vsgc.spacegrant.org)



Virginia Space Coast Scholars (VSCS) program is open to high school sophomores interested in STEM and NASA. VSCS begins with a free online STEM learning experience focusing on NASA missions. Top performing scholars in the course are invited to a free seven-day residential Summer Academy at NASA Wallops to learn from NASA scientists and engineers about cutting-edge technologies and NASA missions. Virginia Space Coast Scholars is a partnership between the Virginia Space Grant Consortium and NASA Wallops Facility with funding support from the Commonwealth of Virginia. **Applications open August 15 and close November 10.**

### Virginia Aerospace Science and Technology Scholars - [vsgc.odu.edu/VASTS/](http://vsgc.odu.edu/VASTS/)

Virginia Aerospace Science and Technology Scholars (VASTS) program is open to high school juniors and seniors and begins with an free online course to develop STEM knowledge and skills. Top performing scholars in the course are invited to a free residential Summer Academy at NASA Langley Research Center. Scholars will learn from NASA experts and master educators while working in project teams to design a human mission to Mars. Students earn 4 college credits for completion of the course. **Applications open August 15 and close November 10.**



## More About Us:

Virginia Space Grant Consortium (VSGC) serves as a catalyst for STEM and aerospace-related education, workforce development and research in the Commonwealth. In addition to the programs above, VSGC offers a series of STEM pipeline programs that also include Building Leaders for Advancing Science and Technology (BLAST) and Virginia Earth System Science Scholars (VESSS). VSGC supports higher education student-led flight projects, including high altitude ballooning, cubesat, airborne, and UAS and rocketry programs. VSGC has worked with over 800 nonmember program partners from private and public sectors. VSGC has placed more than 6,500 students in paid internships with NASA, industry, or other federal labs.

**For more information and to get started, visit: <http://vsgc.odu.edu/>**



## Captain Earle Worley Scholarship Fund, 2020

We are pleased to announce the availability of the Captain Earle Worley Scholarship. The Captain Earle Worley Scholarship Fund was established in 2017 to honor the memory of Captain Worley, a career pilot with United Airlines for 35 years, retiring in 1988. His love for aviation started when he entered the Navy as a naval air cadet. He then became a flight instructor and a member of the Civil Air Patrol. He founded the Eagles Chapter of the Virginia Aeronautical Historical Society in Williamsburg. The scholarship is intended to support post-secondary educational scholarships for qualifying graduates of public or private high schools in Virginia, attending an accredited two- or four-year community college, college or university, or vocational school in the United States who plan to study aeronautics, aerospace, aviation or related engineering.

**The link to access the scholarship application through Community Foundation of Richmond will be available in early 2020. Applications and supporting materials will be due in early March 2020.**

Please direct your questions to **Elizabeth Winegardner**, Scholarship Chair,  
**Virginia Aeronautical Historical Society**, (phone) 804-475-8730  
(e-mail) [emwinegardner@gmail.com](mailto:emwinegardner@gmail.com) - (website) <https://virginiaaviationhistory.org>

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