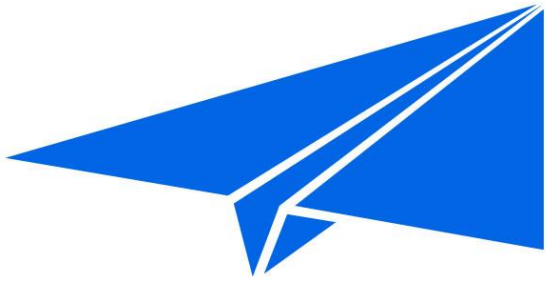


# STEM TAKES FLIGHT

at Virginia's Community Colleges

## Elements

- **Community College STEM Bridge Scholarships** (15 awards) - \$2,000 in spring semester of freshman year; \$3,000 in sophomore year; mentored awards (undergraduate awardees/faculty in year 2), webinars, student research conference
- **Build/Fly/Learn Research Experiences at NASA Langley** (24 awards) – 4, 3-person teams per summer
- **Individual Student Research Experiences at NASA Langley and NASA Wallops** (14 awards) – 4 at Langley and 3 at Wallops each year

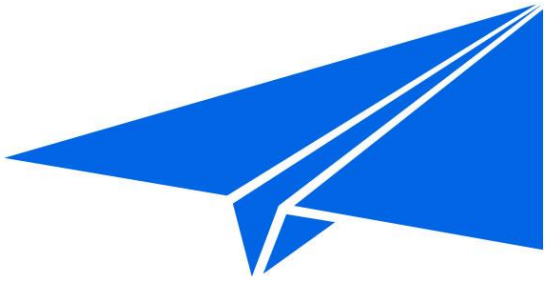


# STEM TAKES FLIGHT

at Virginia's Community Colleges

## Elements

- Sponsored Industry Internships through CSIIP (10 awards) - 5 per year
- Three new courses:
  - Two focused on building and flying a RockSat-C payload at Eastern Shore Community College
  - One online **course** with a service learning component relating to Sea Level Rise impacts at NASA Wallops (15 students). (Paid for with matching funds). Course open to all Virginia Community College students. ODU is partner.
- Residential, two-day, two night Faculty Professional Development Workshop at NASA Wallops Flight Facility (20 faculty) (Paid for with matching funds).



# STEM TAKES FLIGHT

## at Virginia's Community Colleges

- *STEM Takes Flight* programs will provide 63 students with \$5000 awards, engage 20 Community College faculty in professional development and reach at least 60 students in the first year of what will be self-sustaining courses.
- *STEM Takes Flight* Program Kickoff planned for October 1 – press release, website, applications available online, marketing flyers, etc.
- Strong partnerships with Virginia Community College System with lead roles for Virginia Western Community College, Eastern Shore Community College and Thomas Nelson Community College, NASA Langley and NASA Wallops (VSGC members) and support from the Office of the Governor and partnership with Old Dominion University.