The Vertical Flight Society’s Educational Membership Program was established in 1977 to provide educational institutions from all around the world with the opportunity to participate in the advancement of vertical flight technology.
JOIN OUR RANKS!

- Concordia University
- Cranfield University
- Embry-Riddle Aeronautical University
- Georgia Institute of Technology
- Instituto Tecnológico de Aeronáutica, Brazil
- Liverpool University
- Massachusetts Institute of Technology
- Nanjing University of Aeronautics and Astronautics
- National Defense Academy, Japan
- Pennsylvania State University
- University Politecnico di Milano
- Rensselaer Polytechnic Institute
- Technical University of Munich
- Texas A&M University
- University of Alabama, Tuscaloosa
- University of Alabama, Huntsville
- University of Maryland
- University of Michigan
- University of Tennessee, Knoxville
- University of Texas at Arlington
- Vienna Institute of Technology
- Warsaw University of Technology
- Washington University in St. Louis
- Widener University
INDIVIDUAL BENEFITS

- Participation in VFS Technical Committees with leading engineers, scientists and developers in industry, academia and governments
- Technical webinars to update and grow VTOL/eVTOL knowledge and networking opportunities
- Local chapter meetings offered throughout the world
- VTOL employment/internships on VFS Career Center
- Vertical Flight Society’s Student Design Competition
- Vertical Flight Society’s Design-Build-Vertical-Flight Competition
- Participation in the Vertical Flight Foundation Scholarship
- Participation in VFS’ diverse Awards Program
- Unlimited networking opportunities
- VFS Member Directory
- VFS Photo Gallery, Hover Discussion Community, Vertipedia Database, and other resources!
Vertical Flight Society’s Educational Members foster young talents to advance VTOL technology in industry, government and academia.
“At an international level, attending the annual VFS Forum has led to research collaboration with other universities, internship opportunities, and post-graduation job offers. At a chapter level, one of our campus events allowed me to connect with a mentor from outside the world of academics. The society has pushed me to develop various sets of goals for myself as well as build a plan to achieve those goals. I think that becomes extremely important in the near future as I’m deciding what career path I want to take.”

Amanda Grubb
PhD candidate,
Guided by Prof. Marilyn Smith
Georgia Institute of Technology
2-time VFF scholarship winner
VFS Georgia Tech Chapter Treasurer

"The VFF has made it possible for Georgia Tech to recruit Amanda Grubb, a stellar undergraduate who could have had her pick of fields of interest. Amanda’s talent in leadership is combined with top-notch technical skills. Her potential has already been recognized via recruitment efforts by several organizations well before her proposed graduation."
Professor Marilyn Smith, Georgia Institute of Technology
Director, GT Computational Nonlinear Computational Aeroelasticity Lab
VFS member since 1989
UNIVERSITY MEMBER BENEFITS

Dues: $350 /year

- 1 Annual Forum Proceedings CD-ROM — a $200 value
- Discounted campus-wide subscriptions to the Journal of AHS, Vertiflite, VFS Proceedings
- Exhibit space discount at the annual VFS Forum & Technology Display

Up to 2 individual memberships with subscriptions to

- Vertiflite magazine (print, plus online access to all issues) — a $190 value x2
- The Journal of AHS (print) — a $120 value x2
- Membership discounts on registration to technical meetings, VFS Forum, VFS Online Library subscription, etc.
- Free registration at the VFS Annual Forum for student volunteers — saves $400/student
# FULL ACCESS COMPARISON

## Institutional Subscriber:

<table>
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<th>12 Month Subscription</th>
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<tbody>
<tr>
<td>Journal of AHS</td>
<td>Online</td>
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<tr>
<td>Institutional Subscriber (Single Campus License)</td>
<td>$700</td>
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## Educational Member:

<table>
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<tr>
<th>University Bundle</th>
<th>12 Month Subscription</th>
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<tbody>
<tr>
<td>AHS Journal + Online Library + Educational Membership</td>
<td>One site</td>
</tr>
<tr>
<td>Academic Institutions</td>
<td>$1,500</td>
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$2,350 vs. $1,500
WEBINARS

• virtual technical sessions, workshops, presentations and interviews on timely and relevant topics in VTOL and eVTOL – free or low-cost to VFS members!

• Learn from SMEs to update your knowledge on the advances and challenges in vertical flight; network with peers for collaboration on technical research and business opportunities

• Webinars are hosted by VFS headquarters or by local chapters around the world

https://vtol.org/webinars
LOCAL CHAPTER MEETINGS

- Opportunity for regular and student members to make presentations at local chapter meetings
- Great networking and information exchange opportunity with peers in industry, academia and government

VFS Stratford Chapter meeting @ Sikorsky LMCO

VFS San Francisco Bay Chapter @ NASA Ames  VFS East New England Chapter Meeting @ GE Lynn
Visit the [ENE Chapter website](#) for the event summary!
CAREER CENTER

- Employment, fellowship, and internship opportunities from top aviation/aerospace engineering companies, government research facilities and academic institutions globally
- 60+ recent job postings since June ’17
- Members-only benefit

careers.vtol.org

“We posted on June 14 for a Chief Engineer Air Vehicle Design for an exciting new VTOL development program, and we were contacted within days by a highly-qualified candidate who we are thrilled to have join our team.”

“We very much appreciate all that [VFS] does, particularly for our technical profession, to advance the field of vertical flight.”

– John Piasecki, President & CEO of Piasecki Aircraft
“Receiving the VFF Scholarship has been a humbling reminder of the appreciation the VFS community has for aspiring engineers like me. I am very grateful to AHS for introducing me to this opportunity and giving me a chance to refine and present my research work to the prestigious VFF Committee.”
– Kanika Gakhar, Texas A&M University, VFF Winner 2017
DESIGN-BUILD-VERTICAL FLIGHT COMPETITION

- Annual eVTOL aircraft competition to encourage interest and proficiency in small air vehicle design and fabrication
- Aircraft requirement: unmanned aircraft system (UAS) Group 1, which limits the maximum take-off weight (MTOW) to no more than 20 lb (9.1 kg).
- Fly-off portion of the competition is scheduled to take place at the U.S. Army Combat Capabilities Development Command (CCDC) Army Research Laboratory (ARL) Robotics Research Collaboration Campus (R2C2) on April 16–17, 2021

https://vtol.org/fly
STUDENT DESIGN COMPETITION

- Rotating sponsors: Airbus, Boeing, Bell Helicopter, Sikorsky (LMCO), Leonardo Helicopter (formerly AgustaWestland)
- Annual VTOL aircraft design challenge to meet specific requirements and tackle real-world/industry challenge
- Award: cash prize, presentation opportunity at Annual VFS Forum, and recognition from AHS International and sponsoring organization
Vertipedia is an online, mobile-friendly, educational VTOL database developed by the Vertical Flight Society in 2013.

- Current data: 854 aircraft, 604 historical milestones, 456 biographies, and 391 organizations – and growing!
- Confederated search engine retrieves results across VFS and external academic/government resources: https://vertipedia.vtol.org/resources

Welcome to Vertipedia!
Vertipedia is a product of the Vertical Flight Society. With data on 854 aircraft, 604 historical milestones, 456 people, and 391 organizations, Vertipedia is your “one-stop shop” for all things vertical lift.

Featured aircraft
Our latest featured aircraft for March is the Guimbal Cabri G2.

Attribution
Learn more...

https://vertipedia.vtol.org
Over 6,700 photos on VTOL aircraft, people, VFS events, and more

https://gallery.vtol.org
VFS STEM PROGRAM

- Promoting hands-on, VTOL-themed STEM learning
- Motivating K-12 students to pursue VTOL STEM degrees and careers
- Recognizing VFS chapter and HQ efforts in promoting VTOL-STEM learning
- Engaging individual, corporate, educational, and government stakeholders to build and expand VFS-led STEM effort

STEM Day at VFS Forum

VFS PSU Chapter Rotor Day

https://stem.vtol.org
3rd Annual STEM ROTOR DAY!
Saturday, October 15, 2016
Kunkle Lounge, Hammond Building
Penn State University
Parental Supervision Required

Families, don’t miss the Penn State AHS STEM Rotor Day!
- Fun educational & hands-on activities using:
  - RC Quadcopters (children will learn to fly)
  - High Speed Cameras
  - Award Winning Wind Turbine Models
  - Small Scale Wind Tunnel
  - Gyroscope
  - A REAL Helicopter Rotor & much more!
- Tours of aerospace laboratories every hour!
- AHS Students in STEM fields run the event.

If you wish to inspire the STEM leaders of tomorrow and create an excitement about the STEM fields!
For more information about AHS and an overview of last year’s event, visit our website provided below.

Our Sponsors:
Follow us & Learn More!

Penn State College of Engineering
AEROSPACE ENGINEERING
CONTACT US!

- Please contact VFS HQ STEM/Educational Outreach Coordinator Betty Chen at bchen@vtol.org or your local chapter officers to join our STEM/Educational outreach!

UT Arlington @ ‘17 Heli Expo

Georgia Tech @ local Atlanta school

https://vtol.org