

## CONNECT WITH NEARLY 28,000 AIAA MEMBERS

### STUDENT MEMBERSHIP IN AIAA

As an AIAA student member you **join more than 7,700 other students and 20,000 professionals** from around the world who make up aerospace's premier community of excellence.

You'll connect with thousands of other members through student branch activities, local sections, local and national conferences and programs, and AIAA's **social networking channels** like Facebook, Twitter, LinkedIn and YouTube.



### TOP 3 REASONS TO BE AN AIAA STUDENT MEMBER

- › Get a head start on the career you're working toward by connecting with people who can help boost your potential.
- › Quickly access vital research information that could be the key to your big breakthrough.
- › Exchange ideas and build leadership skills that prepare you for the next step.

### LOCAL STUDENT BRANCHES AND SECTIONS

Participate locally in AIAA student branches and sections, and create invaluable opportunities to boost your leadership experience and your career potential.



#### "AIAA gives you the momentum you need to

launch your career by connecting you with experts and colleagues and providing opportunities for personal growth. Student membership gives you the means to stay current with the latest news in the field, provides opportunities for mentorship, and facilitates participation in professional competitions and conferences. Every year AIAA provides services and connections for thousands of professionals, scholars, and employers to propel the industry forward. Take part and show what you have to offer!"

Samantha Alberts, Purdue University

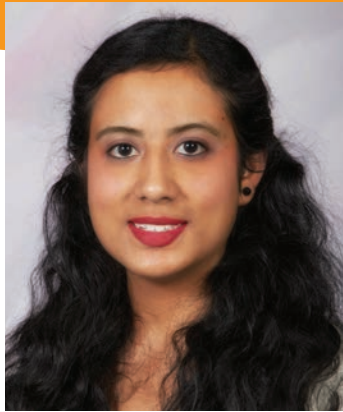
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# AIAA STUDENT PARTICIPATION

FUND YOUR EDUCATION  
GET HANDS-ON EXPERIENCE  
CONNECT WITH AEROSPACE LEADERS

[aiaa.org/UniversityStudents](http://aiaa.org/UniversityStudents)





**“As the recipient of the AIAA Vicki and George Muellner Scholarship for Aerospace Engineering, I am proud to represent Florida Tech students in the Aerospace Engineering field. My college has given me the chance to grow, so much so that I am recognized internationally by an organization as huge as AIAA. Being a member of AIAA has benefited me through their educational events like conferences and design competitions which have allowed me to refine my passion for building aircraft. Their financial generosity has encouraged me to keep pursuing difficult endeavors to achieve my goals of someday being an inventor and designer in the aerospace world.”**

**Bindi Nagda**, Student, Florida Institute of Technology

## FUND YOUR EDUCATION

### SCHOLARSHIPS AND AWARDS

The AIAA Foundation wants to help you earn your degree! Apply now for the following scholarships:

#### UNDERGRADUATE SCHOLARSHIPS

- › David and Catherine Thompson Space Technology Scholarship (\$10,000)
- › Daedalus 88 Scholarship (\$10,000)
- › Vicki and George Muellner Scholarship for Aerospace Engineering (\$5,000)
- › Wernher von Braun Scholarship (\$5,000)
- › Liquid Propulsion Scholarship (\$2,500)
- › Ellis F. Hitt Digital Avionics Scholarship (\$2,000)
- › Dr. Amy R. Pritchett Digital Avionics Scholarship (\$2,000)
- › Dr. James Rankin Digital Avionics Scholarship (\$2,000)
- › Cary Spitzer Digital Avionics Scholarship (\$2,000)
- › Space Transportation Scholarship (\$1,500)
- › Leatrice Gregory Pendray Scholarship (women only, \$1,250)
- › Rocky Mountain Section Scholarship (\$500)

#### GRADUATE AWARDS

- › Neil Armstrong Graduate Award (\$5,000)
- › Orville and Wilbur Wright Graduate Awards (2 awards, \$5,000 each)
- › Luis de Florez Graduate Award (\$3,500)
- › Guidance, Navigation, and Control Graduate Award (\$2,500)
- › John Leland Atwood Graduate Award (\$1,250)
- › Martin Summerfield Propellants and Combustion Graduate Award (\$1,250)
- › Gordon C. Oates Air Breathing Propulsion Graduate Award (\$1,000)
- › William T. Piper, Sr. General Aviation Systems Graduate Award (\$1,000)

#### IMPORTANT DATES *(check the AIAA website for specific details)*

**31 January 2019**

Scholarship applications are due (including references and transcripts)

**June 2019**

Scholarship awards are announced

[aiaa.org/Scholarships](http://aiaa.org/Scholarships)

### DIVERSITY SCHOLARSHIP

The AIAA Diversity Scholars Program provides opportunities for underrepresented university students with an interest in aerospace to attend an AIAA forum. Full-time students, from U.S. institutions, are invited to apply for a scholarship to attend select forums throughout the year.

[aiaa.org/DiversityScholarsProgram](http://aiaa.org/DiversityScholarsProgram)

## GAIN REAL-WORLD EXPERIENCE AND CONNECT WITH LEADERS

### STUDENT CONFERENCES

AIAA student conferences provide you with the chance to present your research in a formal technical meeting atmosphere. **Join us to network with others in the aerospace field!**

Every year there are six student paper conferences in the U.S. and one in Australia.

**Be a winner**—the best technical papers win monetary awards! You'll compete for three cash prizes in graduate, undergraduate, and team categories.

First-place regional winners are then invited to the AIAA Foundation International Student Conference competition, held during the **AIAA Science and Technology Forum and Exposition** each January. AIAA covers the cost for travel expenses and hotel accommodations.

[aiaa.org/StudentConferences](http://aiaa.org/StudentConferences)

### DESIGN COMPETITIONS

Solve real-world design problems through the AIAA Foundation and put your talents front and center for the aerospace industry.

#### UNDERGRADUATE STUDENTS

- › **Individual Aircraft Design Competition** Power Line Survey Unmanned Aircraft Systems
- › **Team Aircraft Design Competition** Thin Haul Transport and Air Taxi
- › **Team Engine Design Competition** Candidate Engines for a Hybrid Electric Medium Altitude Long Endurance Search and Rescue UAV
- › **Team Space Design Competition** Reusable Lunar Surface Access Vehicle
- › **Team Structures Design Competition** Design of Deployable Solar Array Structure

#### IMPORTANT DATES *(check the AIAA website for specific details)*

**10 February 2019**  
Letters of intent

**10 May 2019**  
Final proposals are due

**31 August 2019**  
Winners Announced

#### GRADUATE STUDENTS

- › **Team Aircraft Design Competition** Electric Vertical Takeoff and Landing (E-VTOL) Aircraft
- › **Team Structures Design Competition** Design of the Structure for the VTOL Taxi
- › **Team Missile Systems Design Competition** Design of a Long Range Strategic Missile

[aiaa.org/DesignCompetitions](http://aiaa.org/DesignCompetitions)

### DESIGN/BUILD/FLY (DBF)

The contest provides a real-world aircraft design experience for engineering students, both undergraduate and graduate, by giving them the opportunity to validate their analytic studies.

#### IMPORTANT DATES *(check the AIAA website for specific details)*

**31 October 2018**  
Entry form and proposals are due

**22 February 2019**  
Design report due

**11-14 April 2019**  
Competition fly-off takes place



[aiaadb.org](http://aiaadb.org)