



# UAA CONNECT

THE OFFICIAL PUBLICATION OF THE UNIVERSITY AVIATION ASSOCIATION NOVEMBER 2024

## 2025 UAA AVIATION POLICY SEMINAR

January 6-8 Washington, D.C.



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**J**oin UAA in Washington, D.C., for an exclusive opportunity to connect with industry leaders and policymakers. The University Aviation Association invites students and faculty to participate in the 2025 Aviation Policy Seminar.



### KEY BENEFITS:

#### Networking

Meet with top officials from the NTSB, FAA, Congress, and industry associations like NBAA, RAA, and A4A.

#### Learning

Gain valuable insights into aviation policy, industry trends, & career opportunities

#### Engagement

Participate in informative briefings and seminars.

### REGISTRATION:

- **Registration Fee: \$275**
- Registration online: [Link Here](#)
- Scholarships available for students and faculty

### ACCOMMODATIONS:

- **Hotel: Hilton Washington DC National Mall The Wharf**
- Check-in Sunday, January 5, 2024
- Check-out Thursday, January 9th
- \$149 per night (not including DC tax of 14.95%)
- Book online: [UAA Booking Link Here](#)

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### Scholarship Information:

**FOUR** scholarships will be awarded, **ONE (1)** faculty and **THREE (3)** students

- One faculty/staff member
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### Collegiate Aviation Guide

The CAG is distributed directly to program faculty, high schools, parents, guidance counselors, and college students.

### Collegiate Aviation Scholarship Catalog

The CASC is distributed directly to colleges, instructors, collegiate aviation professionals, and college students.

**The commitment deadline is November 15, with the final print-quality PDF due December 2**

Contact Dawn Vinson or Jorge Gomez to reserve your space. (901)563-0505 or [hello@uaa.aero](mailto:hello@uaa.aero)

## Advertisement Sizes\*

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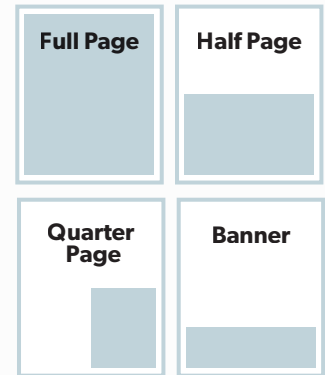
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## WELCOME NEW UAA MEMBERS

### INSTITUTION

**Gannon University**  
Amy Doolan

### ACADEMIC PROFESSIONAL

**Lauren Burmester**  
Embry-Riddle Aeronautical University

**Maria Petrescu**  
Embry-Riddle Aeronautical University

### STUDENTS

**Ismael Chavez**  
Uplift Infinity

**Breyar Baker**  
University of North Dakota

**Quinston Leathers**  
Gannon University

**Julia Martinez**  
Ohio State University

**Marissa Mummert**  
Cape Henlopen High School

**Yasmari Rodriguez**  
Elizabeth City State University

**Olivia Terron**  
Miami Dade College



Dear University Aviation Association Members,

I am writing to request your support of a new FAA 147 Aircraft Maintenance Training Program.

This program at the North Dakota State College of Science will be the first AMT Program in North Dakota.

Currently we are developing our curriculum, preparing facilities, and working with our local FAA officials on our 147 Certificate. We plan to start our first cohort of students in the Fall of 2025 at our Fargo campus, and everything is on track.

What we are asking from the aviation community is donations of aircraft parts and material. Items can be new, used, or even partially destroyed. Every donation will be used for training purposes whether that is performing a sheet metal repair on a flight control surface or explaining how a part may have been damaged.

Donations can be sent directly to the school or you can email me for more information.

Thank you for your consideration.

Kindest Regards,  
Jason Smith  
North Dakota State College of Science  
[jtsmith@weathermod.com](mailto:jtsmith@weathermod.com)





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# LeTourneau University ARC Air Derby Teams Win Big!

By Laura Laster



All three teams of pilots from LeTourneau University's College of Aviation and Aeronautical Science won awards in the recent ARC Air Derby. The derby was held from September 27 to October 5, 2024 with

multiple teams from around the United States participating. Event organizer Air Race Classic Inc. explains how the derby "provides an opportunity for pilots...to challenge their piloting, flight planning, and navigation skills and share their love of flying with other pilots in a fun event that promotes camaraderie and allows participants to share their skills with family and friends."

Team 104, piloted by Alondra López with copilot Dalton Jamison and teammate Garrett Willsea, won 3rd place overall and the event safety award. Team 105, piloted by Morgan Rosenberger with copilot Andrew Schulz and teammate Kenzie Fessler, flew off with 1st place on legs 1, 2, 4 and 5. Team 106, piloted by Brendan Petry with copilot Elena Jurado scored 3rd place on legs 3 and 5.



**Team 104:**  
**3rd Place Overall**  
 Pilot: Alondra López  
 Copilot: Dalton Jamison  
 Teammate: Garrett Willsea  
 N52LU

**Team 105:**  
**1st Place Legs 1,2,4,5**  
 Pilot: Morgan Rosenberger  
 Copilot: Andrew Schulz  
 Teammate: Kenzie Fessler  
 N53LU

**Team 106:**  
**1st Place Legs 1,2,4,5**  
 Pilot: Brendan Petry  
 Copilot: Elena Jurado  
 N54LU

For the first time in the derby's history, male pilots were allowed to compete, as long as at least the pilot or copilot was a female. This meant the event was very popular with our students, since many more could participate!

The derby allows team pilots to choose their own route, consisting of five legs of at least 65 nm. A full stop landing with taxi back is required at some point during the route. The day of the event, each team's pilot submits timing for each leg, then the team departs to fly their route while recording the flight using approved devices. Pilots are permitted to change altitude, configuration, and power settings once enroute, but no heading changes are allowed except for pattern entry and changing to the next leg. The winner of the derby is the team with the least error between what was flown and what the pilot submitted prior to departure on the day of the event.

Our pilots had a fantastic time planning and flying the event. LeTourneau University plans to continue to enter teams each year since the event is both challenging while easy to fly – but not so easy to win!



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## FAA EXPANDS AIR TRAFFIC TRAINING

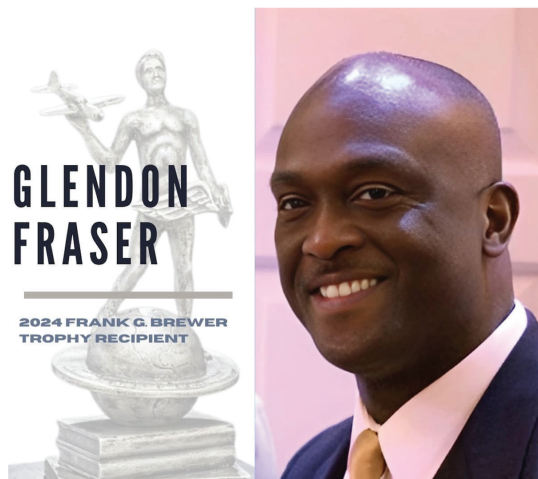


WASHINGTON -- The Federal Aviation Administration (FAA) has signed agreements with Tulsa Community College and the University of Oklahoma to become the first two schools for the Enhanced Air Traffic – Collegiate Training Initiative (AT-CTI).

This new program will provide the same thorough curriculum and advanced technology offered at the FAA Air Traffic Controller Academy at Oklahoma City. These programs will increase the controller training pipeline and ensure graduates have the necessary skills to begin immediate facility training.

“The FAA is working to hire and train more air traffic controllers, in order to reverse the decades-long decline in our workforce and ensure the safety of the flying public. The Enhanced AT-CTI program is an important part of that effort,” said FAA Administrator Mike Whitaker. “We’re excited to have these schools become pioneers in this initiative and look forward to seeing more applications from schools as we build out these partnerships.”

## AVIATION PIONEER RECEIVES NATIONAL AWARD



The National Aeronautic Association (NAA) is awarding the 2024 Frank G. Brewer Trophy to Lt. Col. Glendon Fraser, U.S.A.F. (ret.), senior airline captain, aviation program pioneer, aerospace educator, and non-profit board member.

Established in 1943, the Frank G. Brewer Trophy is awarded annually to an individual, a group of individuals, or an organization for significant contributions of enduring value to aerospace education in the United States.

“Glendon is a dynamic role model whose humility, initiative, and drive motivates and inspires others,” said Amy Spowart, NAA president and CEO. “At his core, he personifies the ideals of the Brewer Trophy, which is a person who makes an extraordinary and lasting impact on how aviation education is shared.”

Fraser, who immigrated to the U.S. as a youth, has dedicated his life to fostering career pathways in the aviation industry. Significant achievements include the formation of the Trowell-Harris Chapter of the national Tuskegee Airmen organization, for which he served as acting president for 25 years, and the creation of the Lt. Lee Archer Jr. Youth Flying Program, an aviation ground school for middle and high school students. Fraser recently launched the RedTail Flight Academy, which focuses on training minority flight students for future airline employment.

## Drones vs. Mosquitoes



Rachel Reeder, a 19-year-old technician for the Mosquito Abatement District-Davis, is using drones to combat mosquito populations in Utah. Her work involves navigating drones through remote, mosquito-infested areas to apply larvicide, preventing outbreaks.

Rachel’s journey began with a UAS certificate from Utah State University Eastern, where she learned the physics of flying, drone mechanics, and airspace regulations. The hands-on experience, including building her own drone and logging flight hours, prepared her for the challenges of real-world drone operations.

The UAS certificate program at USU Eastern is a testament to the growing demand for drone pilots. Many students receive job offers before graduating, as drones are finding applications in various industries, from construction to agriculture.

Rachel’s love for her job extends beyond technology. She grew up on a farm and appreciates the connection to nature. Her work allows her to contribute to her community while staying close to her roots.

Rachel’s future plans include starting her own drone services business, offering farmers assistance with tasks like spraying pesticides and herbicides. She believes that drones have the potential to transform agriculture and is excited to be part of this technological revolution.

As technology continues to shape the agricultural industry, Reeder’s story highlights the potential of drones to revolutionize farming practices. By embracing cutting-edge solutions, we can create a more sustainable and efficient future for agriculture.



# FAA Unveils Data Challenge Finalists

The Federal Aviation Administration (FAA) has revealed the seven finalist collegiate teams for the 2024 FAA Data Challenge. Now in its second year, this competition centers on utilizing Artificial Intelligence (AI), Machine Learning (ML), and advanced analytics to address critical aviation-related challenges and uncover new opportunities.

In early 2025, the finalist teams will showcase their innovative ideas at an in-person forum before senior FAA officials to compete for a share of the \$100,000 cash prize.

The FAA has announced the finalist teams, showcasing the cutting-edge research and innovation coming from U.S.-based collegiate teams. The challenge, focused on leveraging data to solve aviation-related issues, attracted impressive entries that aim to enhance the world's safest and most efficient aerospace system.

**2024 FAA Data Challenge finalists:**

**University of North Dakota**

Project: Sentiment and Pattern Evaluation of ATC Keywords  
 Advisor: Dr. Ryan Guthridge

**Oregon State University**

Project: Reachability-Based PRA for Unmanned Aerial Systems  
 Advisor: Prof. Steven Weber

**University of Texas**

Project: Air Traffic Transcripts Keyword Extraction  
 Advisor: Prof. John-Paul Clarke

**Binghamton University**

Project: Flight Decisions Based on Weather Prediction  
 Advisor: Dr. Sang Won Yoon

**University of North Texas**

Project: Weathering the Sky: GNNs for UAV Micro Forecasts  
 Advisor: Dr. Kamesh Namuduri

**Texas A&M University**

Project: First Well-to-Wake Emissions Minimizing Algorithm  
 Advisor: Prof. Mobile Benedict

**Embry-Riddle Aeronautical University**

Project: SkyTwin: A Digital Twin of the NAS for Air Traffic  
 Advisor: Prof. Omar Ochoa

The 2024 FAA Data Challenge is divided into four key categories: improving aviation safety, enhancing operational efficiency of the National Airspace System (NAS), promoting sustainable aviation, and supporting the rapidly evolving new uses of the NAS.

In early 2025, the finalist teams will showcase their innovative ideas at an in-person forum before senior FAA officials to compete for a share of the \$100,000 cash prize pool.



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# Piedmont's Veterans & Military Employee Resource Group Hosts Successful "Left, Right, Left 5K"



Piedmont employee volunteers from various stations who helped make the event possible.

A heartfelt thank you to our corporate partners who contributed to the Gary Sinise Foundation and sent representatives to join us. Including: Ametek Ameron, Ground Support Specialist, LLC, INAir Aviation Legacy Avionics Solutions, InTech Aerospace LLC, MED CRAFT INC, Niacc-Avitech, PREMIER AVIATION QUÉBEC INC., Professional Aircraft Accessories, Rolls-Royce North America, Sonic Tools, StandardAero, Sterling Courier, Sunvair Aerospace Group, TACOR, and Worthington Aviation LLC. Thank you for your support!

The funds raised will support essential programs for veterans, reinforcing Piedmont's commitment to giving back to those who have served. Our Veterans and Military ERG, which boasts over

230 members, plays a key role in this commitment. ERGs are employee-led groups that foster community and support for individuals with shared experiences or backgrounds.

In addition to the 5K, our Veterans and Military ERG has engaged in several meaningful initiatives, including collecting Halloween candy for troops, participating in Wreaths Across America, volunteering to care for the Battleship New Jersey, and gathering items for Toys for Tots. These activities not only support our military community but also strengthen camaraderie among our team members.

The ERG's dedication to supporting veterans and military families extends beyond the 5K. These activities strengthen camaraderie among team members and reinforce Piedmont's commitment to the military community.

**P**iedmont's Veterans and Military Employee Resource Group (ERG) hosted its first-ever Left, Right, Left 5K on Saturday, September 21, at Harrisburg International Airport (MDT) to raise funds for the Gary Sinise Foundation, a nonprofit that supports veterans, first responders, and their families. The event was a resounding success, raising \$22,422.63, with more donations still anticipated. A total of 133 runners participated in the 5K, alongside 29





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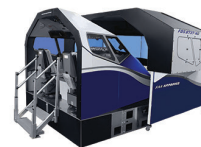


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## York College Aviation Students' Research Wins Prize at Annual UAA Conference



Five York College Aviation students, on both the undergraduate and graduate levels, recently presented their research findings on “How Does Climate Change Impact the Aviation Industry” and “A.I.’s Influence in the Airline Industry,” respectively.

The students’ work garnered a third-place prize at the Annual University Aviation Association (UAA) Conference and were awarded \$250 per team for their presentations.

“Your research on “How Does Climate Change Impact the Aviation Industry” and “A.I.’s Influence in the Airline Industry” is truly commendable, said Geoff Ware, of UAA in notifying Dr. Billy Metallinos, who mentored and accompanied the students.

“Attending the University Aviation Association (UAA) conference was a transformative experience,” said Algendra Dharamdatt, a graduate student in the York group. “It was a hub of fresh ideas, where I got a firsthand look at what is on the horizon for aviation. I connected with people who are not only passionate but also pushing the industry forward, and it was inspiring to share thoughts and dive into some truly innovative conversations. The workshops were valuable and gave me new skills that I am eager to bring back to my workforce. I was reminded that in the dynamic world of aviation, the pursuit of knowledge is crucial as every new insight empowers me to contribute meaningfully to the industry’s evolution.”

Graduate authors of the award-winning research were Mohammed Rahik, Ahmed and Algendra Dharamdatt under faculty advisor, Dr. Billy Metallinos; and undergraduates Emiliano M. Tortolero, Sanchita Paul and Dessa A. Weekes also advised by Dr. Billy Metallinos.

## Able Flight Boosts SIU Aviation Program



Southern Illinois University Carbondale (SIU) is continuing to grow thanks to another organization who donated funds and two aircraft.

Able Flight and SIU’s School of Aviation partnered together on October 18 at the Southern Illinois Airport for a ceremony.

Officials there say they want to make sure everyone who has a passion for flying is able to train and have opportunity.

“We’re just really blessed that they decided to contact us and chose to work with us to build up this program,” College of Health and Human Sciences, Associate Dean of Academic and Student Affairs Christopher Mullins said.

“We use this program to work with Able Flight to continue providing services to the needed people and community because the sky is for the public. Whoever wants to be a pilot, we need to give them the opportunity to do so,” Chien-Tsung Lu, Director of School of Aviation stated.

Able Flight is a non-profit organization which offers people with disabilities the chance to explore careers in aviation. Last summer, five Able Flight students were able to train with SIU aviation instructors to become licensed pilots.



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## UAA Takes Flight with Your Achievements!

Have you reached new heights? UAA wants to celebrate your success!

**Did you:**

- Land a promotion and take on exciting new challenges?
- Receive an award recognizing your outstanding work or research?
- Present your research at a conference and share your knowledge with the world?
- Attend a groundbreaking program that expanded your expertise and fueled your passion?
- Earn a scholarship that allowed you to pursue your academic dreams?

**We want to hear about it!**

Sharing your accomplishments inspires others and showcases the amazing things happening within the UAA community.

**Tell us your story!**

Send a quick note to [hello@uaa.aero](mailto:hello@uaa.aero) with details about your achievement and (optional) a photo of yourself. We'll be thrilled to feature your success story on our Facebook, Twitter, and in the upcoming UAA newsletter.

Together, let's celebrate your journey and spread the wings of UAA even wider!

## UAA Image of the Month



**The Joy of Cleco Fasteners**

Patrick Mihalek - Warbirds of Glory Museum

Share your favorite aviation image with hundreds of UAA Connect readers? You can email it to [gware@uaa.aero](mailto:gware@uaa.aero), with the image title and caption. Tell us what is happening? Where are you?

**National Archives and Records Administration**

Capacity Building For Historically Black Colleges And Universities (HBCU) Archives

Deadline: 11/7/2024

<https://www.grants.gov/search-results-detail/354647>

**National Archives and Records Administration**

Discovery And Access To Congressional Records Collections

Deadline: 11/7/2024

<https://www.grants.gov/search-results-detail/354649>

**Department of Education**

Office of Elementary and Secondary Education (OESE): Office of Migrant Education (OME): College Assistance Migrant Program (CAMP), Assistance Listing Numbers 84.149A

Deadline: 11/13/2024

<https://www.grants.gov/search-results-detail/356254>

**Department of Commerce**

International Capacity Development for Weather and Climate Observations and Forecasting and Disaster Risk Reduction

Deadline: 11/29/2024

<https://www.grants.gov/search-results-detail/356625>

**Department of Commerce**

FY2025 Weather Program Office Research Programs Announcement - Observations

Deadline: 12/2/2024

<https://www.grants.gov/search-results-detail/356450>

**Department of Commerce**

FY2025 Weather Program Office Research Programs Announcement - Air Quality Research and Forecasting

Deadline: 12/2/2024

<https://www.grants.gov/search-results-detail/356451>

**Department of Commerce**

FY2025 Weather Program Office Research Programs Announcement - VORTEX USA

Deadline: 12/2/2024

<https://www.grants.gov/search-results-detail/356453>

**Department of Commerce**

FY2025 Weather Program Office Research Program Announcement - Social, Behavioral, and Economic Sciences

Deadline: 12/2/2024

<https://www.grants.gov/search-results-detail/356452>

**Department of Commerce**

FY2025 Weather Program Office Research Programs Announcement - Subseasonal to Seasonal

Deadline: 12/2/2024

<https://www.grants.gov/search-results-detail/356449>

**Department of Commerce**

FY2025 Weather Program Office Research Programs Announcement - Testbeds

Deadline: 12/2/2024

<https://www.grants.gov/search-results-detail/356447>

**Department of Commerce**

FY2025 Weather Program Office Research Programs Announcement - VORTEX USA

Deadline: 12/2/2024

<https://www.grants.gov/search-results-detail/356453>

**Department of Commerce**

FY2025 Weather Program Office Research Program Announcement - Social, Behavioral, and Economic Sciences (SBES)

Deadline: 12/2/2024

<https://www.grants.gov/search-results-detail/356452>

**Department of the Interior**

2025 National Geological & Geophysical Data Preservation Program

Deadline: 12/12/2024

<https://www.grants.gov/search-results-detail/354645>

**Department of Defense**

National Geospatial-Intelligence Agency Grant: Boosting Innovative GEOINT - Science & Technology Broad Agency Announcement

Deadline: 12/14/2026

<https://www.grants.gov/search-results-detail/351404>

**FAA Minority Serving Institutions (MSI) Intern Program**

The MSI Internship Program is open to all eligible undergraduate and graduate college students attending an accredited college or university. An important focus of the program is providing opportunities to eligible students from groups that have been underrepresented in Aviation, Aeronautics and STEM.

**We are now accepting applications for the FAA's Minority Serving Institutions internship!** Go to <https://bit.ly/FAAMSI> to learn more about the program and apply. The MSI application period will be **open from October 18 to November 29.**



# SAMYA ROSE STUMO NATIONAL AIR GRANT FELLOWSHIP PROGRAM



The Federal Aviation Administration (FAA) welcomes your interest in the Samya Rose Stumo National Air Grant Fellowship (NAGF) program. The program offers an opportunity for graduate students to gain experience in how aviation legislation and policy are developed in Congress.

## ELIGIBILITY

Each Fellow will spend a year with a Congressional office that has jurisdiction over the FAA. A fellow may serve as an expert liaison and researcher for a Congressional committee and may participate in FAA program activities to further develop their knowledge and skills.

The program is designed to offer graduate students a hands-on experience at navigating public policy issues related to their field of expertise. FAA seeks participants in fields related to aerospace, including but not limited to, the following:

- Aerospace engineering
- Aerospace physiology
- Aeronautical engineering
- Airworthiness engineering
- Electrical engineering
- Human factors
- Software engineering
- Systems engineering

To apply, you must be a U.S. citizen, have an undergraduate degree and be pursuing an M.A. or PhD degree in a related field as listed or be within a year of completion of the post-graduate degree. You must also meet position-specific qualifications.

The annual application schedule takes place every winter. For eligibility and application instructions, visit the NAGF website at [www.faa.gov/nagf](http://www.faa.gov/nagf)

## FELLOWSHIP AWARD INFORMATION

The Samya Rose Stumo National Air Grant Fellowship program anticipates supporting multiple fellowships each calendar year.

- The application period for the 2025 cohort is December 1, 2024 through January 31, 2025.
- Length: 12-month, non-renewable fellowship assignment
- Start date: Late June/July of 2025



[www.faa.gov/nagf](http://www.faa.gov/nagf)



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**Contact**

[www.aimhighflightacademy.com](http://www.aimhighflightacademy.com)

**Usual Deadline**

November

The Aim High Flight Academy (AHFA) is an aviation scholarship for a three-week introductory flight program at various universities across the world.



*Apply to the*  
**AIM HIGH FLIGHT ACADEMY**  
 curious about flying?

**WHAT IS IT?**

The Aim High Flight Academy (AHFA) is an aviation scholarship for a three-week introductory flight program at various universities across the world. The program is designed to inspire young adults to explore aviation. Students receive one-on-one training from Air Force and Certified Flight Instructors in a classroom and in the sky.

**APPLY HERE:**  
<https://www.recruiting.af.mil/Aim-High-Flight-Academy/>  
 Or scan the QR Code

Applications are open to high school students that:

- Are 16 by June 1st 2025
- Graduate in 2025 or 2026

- Earn up to 15 flight hours.
- All expenses paid, including training, rooms, meals and travel.
- No experience needed to apply. We'll teach you everything you need to know!

**Dan Meisinger Memorial Learn to Fly Scholarship**

Scholarship Sponsor  
 National Air Transportation Foundation (NATA)

**Contact**

[www.nata.aero](http://www.nata.aero)

**Usual Deadline**

November

**Amount(s) Awarded**

One (1) Scholarships Awarded, valued at \$2,500

**Description**

The Dan Meisinger Memorial Learn to Fly Scholarship was established in the honor and memory of Dan L. Meisinger Sr., whose career in aviation spanned 63 years. He was founder of Executive Beechcraft, headquartered in Kansas City, Missouri, and was twice named Beech Aircraft's Man of the Year. This fund's purpose is to provide an annual flight training scholarship to a qualified individual.

**Scholarship Criteria**

A college student currently enrolled in an aviation program; A high academic achiever with a "B" average or better; Recommended by an aviation professional, although direct applications are acceptable; Residents of Kansas, Missouri, or Illinois, will be given preference.

**Zonta Amelia Earhart Fellowship Awards**

Scholarship Sponsor  
 Zonta International Foundation (ZIF)

**Contact**

[www.zonta.org](http://www.zonta.org)

**Usual Deadline**

November

**Amount(s) Awarded**

One (1) Scholarships Awarded, valued at \$10,000

**Description**

Globally, women make up around 25 percent of the workforce in the aerospace industry. In an effort to carry out its mission that women have access to all resources and are represented in decision-making positions on an equal basis with men, Zonta International offers the Amelia Earhart Fellowship.

**Scholarship Criteria**

Women of any nationality pursuing a Ph.D./doctoral degree who demonstrate a superior academic record conducting research applied to aerospace engineering or space sciences are eligible. It is imperative that students be registered in a full-time Ph.D./doctoral program and have completed at least one year of that program or have received a master's degree in an aerospace-applied field at the time the application is submitted. Applicants must not graduate from their Ph.D. or doctoral program before April 2026. Please note that post-doctoral research programs are not eligible for the Fellowship.

**Delta Air Lines Aviation Management Scholarship**

Scholarship Sponsor  
 Aircraft Electronics Association (AEA)

**Contact**

[dwallace@wai.org](mailto:dwallace@wai.org)

**Usual Deadline**

November

**Amount(s) Awarded**

One (1) Scholarships Awarded, valued at \$5,000

**Scholarship Criteria**

Candidates must be full-time college students, have at least two semesters remaining, carry a minimum cumulative GPA of 3.0 or higher, have U.S. Citizenship or permanent residency, and write a 1,000-word career goals essay. Recipients also receive an expenses-paid trip to the Annual WIA Conference.

## Boeing Career Enhancement Scholarship

Scholarship Sponsor  
 Boeing Company and Women in Aviation International

**Contact**

[www.nj99.org](http://www.nj99.org)

**Usual Deadline**

December

**Amount(s) Awarded**

Scholarship Awards Vary

**Description**

Scholarship is available for a woman who wishes to advance her career in aerospace industry in the fields of engineering, technology development or management. The award is to be used for educational purposes only and may not be applied toward flight hours. Applicants may be full-time or part-time employees currently in the aerospace industry or related field. Students pursuing aviation related degrees that are at the junior level with a 2.5 GPA or higher.

## Pratt & Whitney Engine Maintenance Scholarship

Scholarship Sponsor  
 Association for Women in Aviation Maintenance (AWAM)

**Contact**

[www.awam.org](http://www.awam.org)

**Usual Deadline**

December

**Amount(s) Awarded**

Four (4) Scholarships Awarded, valued at \$800-\$3,200 each depending on course taken

**Description**

Pratt & Whitney will award six maintenance training scholarships to individuals pursuing careers in aviation maintenance. Winners will have the option to attend any one of the maintenance courses offered by Pratt & Whitney or Pratt & Whitney Canada such as System Familiarization, Line and Base Maintenance, and Borescope Inspection Procedures on JT8D, JT9D, PW2000, PW4000, PT6, or PW100 engines.

Pratt & Whitney Maintenance Training Scholarships can be redeemed at the P&W Customer Training Center in East Hartford, Connecticut. For small engine training by P&W Canada, training will take place at a Flight Safety International Facility most convenient for the student.

**Scholarship Criteria**

Applicants must be a member of Women in Aviation, International and may apply for no more than two scholarships. Internships are not included in the two per member scholarship limit. All application materials can be submitted in the same envelope. These requirements are the minimum for all scholarships unless otherwise indicated. Some scholarships may require additional information, please read the description thoroughly to make sure you meet all requirements.

## NATA Business Scholarship

Scholarship Sponsor  
 National Air Transportation Foundation (NATA)

**Contact**

[www.nata.aero](http://www.nata.aero)

**Usual Deadline**

December

**Amount(s) Awarded**

One (1) Scholarship Awarded, valued at \$2,500

**Description**

The NATA Business Scholarship is to be used for continuing education for employees of NATA member companies. All applicable studies should be directly related to furthering the skills applicable to working at an FBO, charter company maintenance facility or flight school.

**Scholarship Criteria**

Be 18 years of age or older; Be nominated and endorsed by a representative of a Regular or Associate Member Company of the NATA; Possess a Student Pilot Certificate (or higher), with a third-class medical certificate, if applying for pilot certificates or ratings; Demonstrate a commitment to general aviation.

## Pioneers of Flight Scholarship

Scholarship Sponsor  
 National Air Transportation Foundation (NATA)

**Contact**

[www.nata.aero](http://www.nata.aero)

**Usual Deadline**

December

**Amount(s) Awarded**

Two (2) Scholarships Awarded, valued at \$1,000

**Description**

The National Air Transportation Foundation (NATF) established the Pioneers of Flight Scholarship Program in 1989 to offer financial assistance and encouragement to young people in the pursuit of academic excellence.

**Scholarship Criteria**

College students, sophomore or junior year; Enrolled in a full-time aviation degree program at an accredited four-year college or university; GPA of 3.0 + on a 4.0 scale; Demonstrate a commitment to general aviation.

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HERE**



**FOR ADDITIONAL COLLEGIATE  
AVIATION SCHOLARSHIPS**



**Southern Illinois University Carbondale**  
**NTT Faculty Associate Director of Aviation Flight**

The School of Aviation in the College of Health and Human Sciences at Southern Illinois University Carbondale is seeking qualified applicants for one 12-month fiscal, term, non-tenure appointment within the Aviation Flight program beginning February 1, 2025. **Applications are continually evaluated, with the first review beginning November 15, 2024.** A comprehensive benefit package including health insurance, retirement options and tuition waiver is provided. A full listing of benefits is available at <https://hr.siu.edu/benefits/>.

**Duties and Responsibilities:**

Assists the Director with academic, administrative and fiscal matters for the Flight program; teach one aviation course per semester; coordinate and administer undergraduate instructional curriculum to enhance learning outcomes; ensure faculty excellence through effective recruitment, retention, and evaluation of personnel; assist in preparing, with faculty input, annual workload assignments and merit evaluations; maintain effective recruitment, retention, and degree completion rates of students enrolled in flight program; promote alumni relations; conduct business and activities in compliance with applicable law and policies of SIU; provide direct supervision of the FAR Part 145 repair station, line service, flight operations, FAA testing center, and executive transportation units. Oversee and evaluate and direct the airworthiness of light raining aircraft including planning for and coordinating aircraft purchase and equipment upgrades. Receive and review safety recommendations from the Aviation Flight Safety Officer in accordance with SMS; supervise and evaluate the Part 141 Chief Flight instructor. To engage in professional service activities related to aviation flight. To participate in program, school, college, and university service activities. To engage in duties as assigned by the School Director.

**Required Qualifications:**

- Earned master’s degree OR 5 years’ management experience.
  - Flight Instructor certificate with ASEL, AMEL, and IA ratings
- Preferred Qualifications:
- Experience in a university flight training provider.
  - Meet the qualifications of 14 CFR 141.36 (b), (c), and/or (d)
  - Documented experience in position requiring employee oversight in the aviation industry.

**Salary:**

This position is proposed as a 12-month Faculty position with a salary of \$10,000 per month, commiserate with experience.

**Contact for further information:**

Rhonda Ferguson - [rferguson@siu.edu](mailto:rferguson@siu.edu) or (618) 453-9245

**Application process:**

Apply online at <https://jobs.siu.edu/>

**Deadline to Apply:**

12/31/2024 or until suitable applicants are found

**Southern Illinois University Carbondale**  
**Assistant Professor, Department of Aviation Technologies**

The College of Health and Human Sciences at Southern Illinois University Carbondale is seeking eligible applicants for the above anticipated position beginning Fall 2025, or until suitably qualified individuals are found. This is a nine-month, continuing appointment which may lead to tenure. This position will support the baccalaureate degree in Aviation Technologies developed to prepare aviation technicians with advanced technical skills. Applications are continually evaluated, with the first review beginning November 15, 2024. Promising new faculty in CHHS are offered competitive startup packages, including graduate/undergraduate assistant support, course releases, and summer salary designed to jump-start research scholarship.

**Minimum Qualifications:**

Earned master’s degree, required by time of appointment, and minimum professional experience of three years full-time employment in aircraft maintenance, avionics maintenance, repair or installation, aircraft/engine manufacturing or product support environment Valid FAA Mechanic Certificate with Airframe and Powerplant Ratings. One earned degree in an aviation or related discipline.

**Preferred Qualifications:**

Earned doctorate. Successful post-secondary teaching experience in aircraft maintenance and/or product support. Professional experience/employment in helicopter maintenance. Demonstrated history of scholarly productivity in Aviation Technologies or related fields. FAA Mechanic Certificate obtained as the result of completing an FAA-approved Part 147 curriculum.

**Responsibilities:**

Primary teaching responsibilities will include instruction in the undergraduate Aviation Technologies baccalaureate program which is also an FAA-approved Part 147 Airframe and Powerplant program and/or the Aviation Management program. Participation in program/School support activities and service on committees at various levels is required. It is expected that the successful candidate will identify and develop an area of personal research interest resulting in scholarly productivity consistent with the applied research goals of the College and University. The individual will engage in scholarly activities and professional service related to the aviation discipline. Service which enriches the community, College and University is also expected, as is fulfillment of other assignments as may be required.

**Application Deadline:**

March 31, 2025, or until suitable applicants are found.

**To apply:**

Go to <https://jobs.siu.edu>. Create a profile and upload a letter of application specifying the position to which application is being made and including research interests, current resume or vitae, and names, addresses and telephone number of five references.

### Baylor University

#### Lecturer, Non-Tenure Track, Aviation Sciences

The Aviation Sciences Program at Baylor University seeks an outstanding aviation professional at the rank of Lecturer.

**Start Date August 2025.**

Details for this position can be found at Apply – [Interfolio](#)

Aviation Sciences is a growing and dynamic program at Baylor, and we are looking for a candidate who can augment our capabilities and help us continue our pursuit of excellence in collegiate aviation. This is a full-time lecturer position with responsibilities teaching Aviation Sciences courses beginning Fall 2025. Teaching assignments will include Aviation Ground School and other Aviation-specific courses.

This appointment is a renewable full-time, benefits-eligible, teaching-focused position with a 6-year promotion path to Senior Lecturer for successful candidates and a 12-year promotion path to Teaching Professor for highly successful candidates (see: Policy on Full-Time Lecturers, Senior Lecturers, and Teaching Professors at Baylor University).

With a main campus located in Waco, Texas, Baylor University is the oldest college in Texas. With a population of 21,000 diverse students, Baylor is one of the top universities in the nation, having been named an R1 institution by the Carnegie Classification in January 2022. Baylor is also on the honor roll of the “Great Colleges to Work For” from The Chronicle of Higher Education; Baylor offers competitive salaries and benefits while allowing faculty and staff to live in one of the fastest-growing parts of the state. Our strategic plan guides the University as we continue to live up to Baylor’s mission of educating men and women for worldwide leadership and service by integrating academic excellence and Christian commitment within a caring community.

As an Affirmative Action/Equal Opportunity employer, Baylor University is committed to compliance with all applicable anti-discrimination laws, including those regarding age, race, color, sex, national origin, military service, genetic information, and disability. Baylor University is a private, not-for-profit university governed by a predominantly Baptist Board of Regents and is operated within the Christian-oriented aims and ideals of Baptists and is affiliated with the Baptist General Convention of Texas, a cooperative association of autonomous Texas Baptist churches. Baylor University is also affiliated with the Baptist General Convention of Texas, a cooperative association of autonomous Texas Baptist churches, associate member of the Baptist World Alliance. As a religiously controlled institution of higher education, Baylor University is exempt from compliance with select provisions of certain civil rights laws, and Baylor University is also exempt from prohibitions against discrimination based on religion. As a religiously controlled institution of higher education, Baylor University is exempt from compliance with select provisions of certain civil rights laws, and Baylor University is also exempt from prohibitions against discrimination based on religion.

### Bridgewater State University

#### Assistant Professor, Dept. of Aviation Science

The Department of Aviation Science at Bridgewater State University is seeking a full-time tenure track faculty member to be a part of a multi-talented and diverse group of professionals. The growing Aviation Department serves more than 200 students in both the Aviation Management and Flight Training concentrations. The mission of the Department of Aviation includes increasing the diversity of the aviation workforce by attracting and educating a diverse student body. The successful candidate will be a high-energy visionary and goal-oriented individual, preferably with experience teaching ground schools and management classes.

**Essential Duties:**

Responsibilities include the following:

- Teach undergraduate classes in aviation science flight and management.
- Prepare classroom and curriculum to develop successful learning outcomes.
- Provide student assistance, including academic advising in effort to create a student centered approach to success.
- Participate in and contribute to the improvement and development of academic programs or academic services to the University.
- Participate in continuing scholarship and contributions in efforts to improve and develop the department’s learning objectives
- Work collaboratively with faculty, employees, students and community to foster a welcoming and innovative learning environment.
- Opportunities available to teach ground schools and management classes.

**Required Qualifications:**

- Masters’ Degree in an appropriate field.
- Proven record of accomplishment in a combination of professional service and experience in teaching and/or industry.
- Demonstrated experience in collaboration and leadership to work effectively with faculty, students, staff, and administrators.
- Demonstrated interest and ability in corporate/alumni development and global activities.
- Strong commitment to excellence in teaching and advising, and to working in a multicultural environment that fosters diversity.
- Ability to use technology effectively in teaching and learning.
- Demonstrated evidence of scholarly activity, and a commitment to public higher education.

To apply, visit <https://apptrkr.com/5729877>



**Embry-Riddle Aeronautical University**  
**Tenure Track Faculty Position**

The School of Graduate Studies in the College of Aviation at Embry-Riddle Aeronautical University invites applications for a tenure-track Associate Professor position with a strong preference for candidates with a background and expertise in aviation data, safety management systems, and aviation analytics.

The Graduate School offers an MS in Aviation with specializations in Aviation Safety, Uncrewed Systems, and Space Operations. It also offers an MS in Occupational Safety Management, an MS in Uncrewed Systems, and an MS in Space Operations in a traditional on-campus format, as well as an online Ph.D. in Aviation with specializations in Aviation Safety, Aviation Human Factors, Aviation Operations, and Intradisciplinary.

The successful candidate will serve as Program Coordinator for the Ph.D. in Aviation in an eleven- or twelve-month contract. Reporting to the Associate Dean for School of Graduate Studies, the candidate will provide oversight, direction, and guidance to ensure the quality, integrity, and relevance of the program to meet the mission and goals of the School, the College, and the University.

The candidate will be expected to teach courses at both the doctoral and master’s levels and chair Ph.D. dissertation and/or master’s thesis committees. The typical teaching load is 2 to 3 courses per semester.

The candidate is required to meet ongoing scholarly growth requirements, which include publishing scholarly work, actively pursuing and obtaining externally funded research, and presenting work at professional conferences. The candidate will also be expected to fulfill service responsibilities to the university and the profession. This faculty position will be located on the Daytona Beach campus.

**Required Qualifications**

A doctorate and relevant experience in safety science, aviation, aviation analytics, or related areas is required. Teaching and research experience in aviation safety, SMS, flight data, aviation safety data, aviation data analytics and FAA pilot certifications are preferred.

**Application process/requirements**

Please visit the [Embry-Riddle Career Site](#) and search for requisition number R308272. Complete application submissions include: Current CV; Letter of application; Ph.D. transcript; Teaching philosophy (one page); Research plan (one page), including research interests, strategies, and research plan.

**Metropolitan State University of Denver**  
**Tenure Track Faculty Position**

MSU Denver enrolls over 16,000 students, where nearly 60% are first generation and over 55% are students of color. Located in downtown Denver, we are a designated [Hispanic Serving Institution \(HSI\)](#) and the only [Seal of Excelencia certified institution in Colorado](#). As the third largest institution of higher education in Colorado and the only institution with an open access mission, MSU Denver is a model university for today's college students. The University serves the most diverse undergraduate student population in the state, as well as the most first-generation students & Deferred Action for Childhood Arrivals students. MSU Denver is particularly interested in applicants who have experience working with students from diverse backgrounds and a demonstrated commitment to improving access to higher education for under-represented and historically minoritized groups.

**About the Department of Aviation and Aerospace Science**

MSU Denver's Aviation and Aerospace Science Department has reimagined possibilities by evolving into one of the largest and most sophisticated programs in the country. Our students have access to unrivaled resources no other university in Colorado can offer; such as the most innovative flight simulation training laboratories in the world, an on-campus satellite engineering lab and partnerships with the industry that grants students access to the same advanced technology and software used at NASA. For more information on the department, please visit: <https://www.msudenver.edu/aviation-aerospace/>.

**Position Summary**

MSU Denver invites applications for a tenure track faculty position in the Department of Aviation and Aerospace Science at the rank of Assistant Professor. This a nine-month appointment with a preferred start date in January 2025 for the spring semester; otherwise, the position would start in August 2025 for fall semester. The successful applicant will (a) instruct 12 credit hours of aviation-oriented coursework per academic semester (fall & spring) and (b) maintain 5 scheduled office hours per week to include advising and consultation with students. This position also requires various responsibilities related to professional development and service. MSU Denver has a robust mentoring program for tenure-track faculty. The candidate will be enrolled in the Roadrunner Faculty Academy during their first year. This is a year-long course designed to support new faculty navigate faculty life and thrive in teaching, scholarly activity and service.

**Responsibilities will include:**

- Instructing 12 credit hours of aviation-oriented coursework per fall and spring semesters. Candidates will be expected to teach courses such as, but not limited to, the following: Crew Resource Management, Advanced Navigation, Professional Flight Standards, Aircraft Systems and Propulsion, Aerodynamics, Human Factors and Physiology of Flight, and FAA 141 Pilot Ground Courses.

- Maintaining office hours, advising/consulting with students, and engaging in student-centered activities.
- Additional responsibilities in professional development, scholarly activities, and service to the Department, College, University, and community.

**Required Qualifications**

- A master's degree or doctoral degree in Aviation and Aerospace Technology/Science or related field
- Four years or more of aviation-related work experience.

**Preferred Qualifications**

- FAA certifications and ratings to include: (a) Commercial Pilot, (b) Instrument Airplane, (c) Certified Flight Instructor Single and Multi-Engine Airplane, (d) Certified Flight Instructor – Instrument Airplane
- Teaching experience to include: (a) four or more semesters of documented teaching at a U.S. nationally accredited collegiate institution in classes related to aviation or aerospace science and (b) experience instructing collegiate classes online via Web-based
- FAA Part 121 or 135 Experience and FAA Type Rating in Regional Jet, Large Air Transport Category Aircraft, or Corporate Jet

**Salary for Announcement**

The salary range for this position is \$80,000 - \$90,000 at Assistant Professor rank. The salary of the finalist selected for this role will be set based upon a variety of factors, including but not limited to, internal equity, education, experience, specialty and training.

**Instructions to Apply**

Interested applicants must apply online at MSU Denver's career site, <https://msudenver.wd1.myworkday.com/> MSUDenver and search for JR103022. Click on Apply to submit the following required materials:

1. Curriculum vitae
2. Cover letter
3. Teaching philosophy
4. Peer/student evaluations, if available
5. Copies of relevant licenses or certifications, if available (front and back images)
6. A list of three professional references and their contact information
7. Unofficial copies of graduate transcripts. Official transcripts will be required of the candidate selected for hire.

Please email Tanya Rogowsky within the Office of Human Resources at [trogowsk@msudenver.edu](mailto:trogowsk@msudenver.edu) for assistance uploading all required documents.

**Deadline**

Applications accepted until position filled; priority given to applications received by November 10, 2024.

**Posted to UAA on 10/02/24**

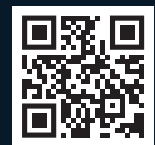




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UAA 78 COLLEGIATE AVIATION EDUCATION CONFERENCE

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Taking Off: The Education of an Aviator

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## UAA 78<sup>th</sup> Collegiate Aviation Education Conference



### Learn, Network, Connect!

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### Don't miss this opportunity to:

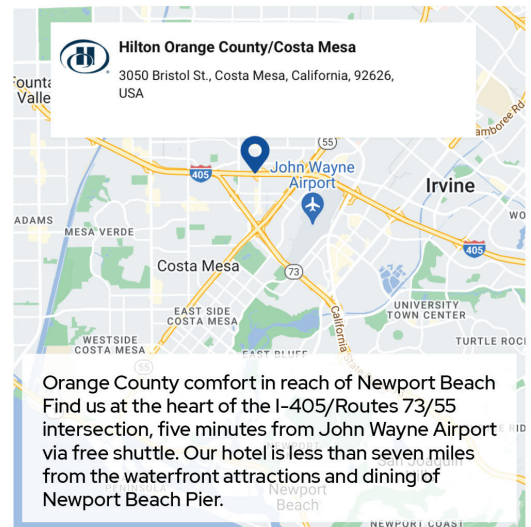
- Gain valuable knowledge and skills
- Build relationships with peers and industry professionals
- Explore career opportunities

### About the Conference

Join us for the 2025 Collegiate Aviation Education Conference & Expo in Costa Mesa, California. This premier event, hosted by the University Aviation Association, will take place October 1-3, 2025 at the Hilton Orange County/Costa Mesa.

### Key Highlights:

- Networking Opportunities:** Connect with over 400 attendees, 70+ colleges and universities, and 10+ airlines.
- Educational Insights:** Attend 40 thought-provoking education sessions led by 85 industry experts.
- Industry Showcase:** Explore the latest innovations from 50+ exhibitors.
- Collaborative Discussions:** Participate in committee meetings focused on shaping industry policies and practices.



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For questions contact (901) 563-0505 or address your questions to [hello@uaa.aero](mailto:hello@uaa.aero)  
Visit us on the web: [www.uaa.aero](http://www.uaa.aero) - 5050 Poplar Avenue, Suite 1503, Memphis, TN 38157

