



2020

September

UAA Connect

UAA Extends Membership
During COVID-19 UAA will extend the expiration dates of members for 120 days for any member scheduled to renew between the months of February and August.

The Official Publication of the University Aviation Association



Welcome to the 73rd Annual UAA Conference via EZTalks!
Dr. Sam Pavel, President

This is not the way I wanted to announce our annual conference and meeting of the membership. I remember sitting in the situation room in the lower levels of the Memphis Hilton the Saturday morning after last year’s gathering with Dawn, Laura, and G. We had just finished one of the largest and well-attended conference in UAA history. As we sat there, exhausted – munching on leftover snack packets, I commented ‘just wait until next year.’

2020 was going to be my swan song; The culmination of two years of hard work. The conference in St Petersburg, FL was shaping up to be spectacular. Then March came. Writing the press release announcing the cancelation of the conference was one of the most difficult things I have ever done. To quote Klingon commander Kor “It would have been glorious.” But also quoting Ms. Brummet, my undergraduate Musical Theater professor, “The show must go on.”

Through some excellent foresight by Dawn and quick action by the Executive Committee the UAA will come through this pandemic with minimal financial damage. Instead of giving up we moved forward. We purchase a subscription for a virtual meeting platform and began planning. Instead of a three-day conference in sunny St Petersburg FL, we will gather virtually every Friday sharing our research, best practices, and stories. The show is going on thanks to the vision and tenacity of the UAA membership, of which I’m proud to serve. So let me say again....

Welcome to the 73rd Annual UAA Conference!

UAA Launches Pilot Pipeline Survey of Member Schools
Dawn Vinson, Executive Director

As the voice of collegiate aviation, University Aviation Association is frequently approached by other aviation associations and government agencies, such as the Government Accountability Office (GAO), to provide data on the volume of student pilots being produced annually by colleges and universities to feed the pipeline and the university’s capacity to grow and feed the pipeline.

We are undertaking a series of short surveys to answer many of the questions posed by these agencies. The first survey will launch Tuesday September 8th, 2020 and will attempt to gather information on graduate volume for 2021.

The purpose of this survey is to gather aggregate data on the magnitude of pilots from all UAA schools graduating and entering the workforce in the next few years. This data will be compiled and released as combined total numbers of UAA member schools. No identifying information nor individual school data will be made available. We are interested in providing a global picture of our combined production and capacity to those needing to trend university graduate numbers against future pipeline vacancies in both commercial, business and military vacancies.

Please keep an eye out in your email box for a survey invitation.

[Take Survey](#)

2020 UAA Virtual Conference

Upset Recovery: Collegiate Aviation in Uncertain Times

Friday, September 18

10:00am - 12:00pm CT	Professional Papers		
1:00pm - 1:30pm CT	Education Session	Daniel Adjekum, Marcos Fernandez	Assessing Cultural Drivers of Safety Resilience in a Collegiate Aviation Program
1:30pm - 2:00pm CT	Education Session	Seth Young	Assessing the State of Airport-Oriented Academic Programming
2:00pm - 2:30pm CT	Education Session	Richard Hellings, Tracy Yother	Aviation Maintenance Programs Go Online Overnight: What Worked and What Did Not

Thursday, September 24

10:00am - 11:30am CT	Innovation Theatre		
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Friday, September 25

10:00am - 12:00pm CT	Research Roundtable	Dr. Sam Pavel (Moderator), Linfeng Jin, Chuyang Yang, Chien-tsung Lu, Andreas Wesemann, Misra Shlok, Tyler Spence, Carolina Anderson, Marisa Agular, Brooke Wheeler, Andrea Risso, Travis Albrecht, Flavio Mendonca, Julius Keller, Rian Mehta, Stephen Rice, Rayyan Issa Almamari, Jacob Shila, Michael McCormick, George	
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Friday, October 2

10:00am - 10:30am CT	Education Session	Ed Steigerwald	Creating Interactive Course Designs
10:30am - 11:00am CT	Education Session	Robert Fowler, Jena Lynch, Jennifer Roberts	English Language Proficiency and Flight Training Performance
11:00am - 11:30am CT	Education Session	Julius Keller, Flavio Mendonca, Mike Robertson	Exploring Fatigue Research Among Collegiate Aviation Pilots
1:00pm - 1:30pm CT	Education Session	James Simmons	From Feast to Famine: Critical Topics and Resources for Aviation Management Courses in Light of COVID-19

2020 UAA Virtual Conference

Upset Recovery: Collegiate Aviation in Uncertain Times

Friday, October 2

1:30pm - 2:00pm CT	Education Session	Tyler Spence	Local Government Policy and Planning Considerations for sUAS
2:00pm - 2:30pm CT	Education Session	Dr. Stephen Cusick	The FAA Center of Excellence for General Aviation - Annual Report of Research Projects

Thursday, October 8

10:00am - 11:30am CT	Innovation Theatre
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Friday, October 9

10:00am - 10:30am CT	Best Practices	Tim Bliss, Chad Depperschmidt	Considerations in Planning and Implementing a Study Abroad Experience for Collegiate Aviation and Aerospace Students
10:30am - 11:00am CT	Best Practices	Brooke Wheeler	Engaging Research: Flipped Classrooms, Projects, and Public Presentations to Understand Aviation
11:00am - 11:30am CT	Best Practices	Tyler Bachelder, James Simmons, Derren Duburguet	Maintaining Access to Course Content for Diverse Student Populations
11:30am - 12:00pm CT	Best Practices	Cody Christensen	Onboarding Non-Aviation Supervisors: Lessons Learned
12:00pm - 2:00pm CT	Admin Leadership Forum		
1:00pm - 2:30pm CT	Workshop	Lori Brown	Creating and Assessing Augmented Reality and 3D Learning Objectives in Aviation Education

2020 UAA Virtual Conference

Upset Recovery: Collegiate Aviation in Uncertain Times

Friday, October 16

10:00am - 12:00pm CT

Workshop

Mary Johnson, John Mott

**Applied Research in
Weather Technologies in
GA cockpit**

Thursday, October 22

10:00am - 11:30am CT

Innovation Theatre

Friday, October 23

10:00am - 11:30am CT

Annual Board Meeting

Friday, October 30

10:00am - 11:30am CT

**Annual Membership
Meeting**

11:30am - 1:00pm CT

**Annual Awards
Ceremony**

We look forward to seeing you!

2020 UAA Election Results

Welcome 2020-2021 Board Members

Treasurer



Tyler Tenbrink

Tyler Tenbrink is the Director of Recruitment at Piedmont Airlines, responsible for talent acquisition across the company's operational and ground handling divisions. A Kansas native, Tyler holds a Bachelor of Airway Science with a minor in Safety and a Bachelor of Technology with a minor in Business from Kansas State University - Polytechnic. While at KSU, he was appointed executive treasurer of Phi Delta Theta, Eta Chapter and worked with the business partners to obtain 501c3 status. Tyler began his airline career with Air Midwest Airlines. He served in several positions including customer service agent, crew scheduler, dispatcher and station manager. He joined Piedmont in 2015 as manager of Safety programs

and moved to manager of pilot recruiting in 2016. Tyler has been actively engaged with UAA, serving as a Corporate Trustee on the Board since 2017. Tyler is also a firefighter, emergency medical responder and emergency veterinary technician. He resides in Chester, Maryland with his husband and two dogs.

Educator Trustees



Kevin Kuhlman

Professor Kevin R. Kuhlmann is associate chair of Aviation and Aerospace science at Metropolitan State University of Denver. Kevin holds multiple Federal Aviation Administration pilot certifications including Flight Instructor and Airline Transport Pilot. He worked as a commercial airline pilot in the De Havilland Dash-8 for Horizon Air. A near 30-year Air Force enlisted and officer veteran, Lieutenant Colonel Kuhlmann spent seven years as an aircraft commander and instructor pilot for the F-111A/D/F. Professor Kuhlmann holds a Master's degree in Aeronautical Science from Embry-Riddle Aeronautical University and a Bachelor's degree in Aviation Training and Management from Southern Illinois

University. Kevin has served as the UAA Scholarship Committee Chair and as a Trustee in years past. He has been a member of the UAA since 1994.



Ryan Wallace, PhD

Dr. Ryan Wallace is an Assistant Professor of Aeronautical Science at Embry-Riddle Aeronautical University. He holds an Ed.D. in Applied Education Studies, a M.S. in Aviation, and a B.S. in Aeronautics. His research focuses on UAS safety, security, human factors, and public policy. He is actively involved in multiple federally-funded research projects, valued at nearly \$2.5 million. Dr. Wallace co-chairs the UAS-Enabled Security Operations Team for the Department of Homeland Security's Critical Infrastructure Partnership Advisory Council (CIPAC), UAS Security Working Group. He serves on the FAA's Unmanned Aircraft Safety Team (UAST). Dr. Wallace previously chaired UAA's UAS Committee, where he led the

collaborative effort to publish the UAS Pilot's Code, a compendium of procedures and best practices to improve UAS operational safety. He is currently the Editor of the Collegiate Aviation Review International, the official journal of the University Aviation Association.

Corporate Trustee



Nathaniel Eisenman

Nate Eisenman works for FedEx Express as the Manager of Feeder Aircraft Operations Safety, which oversees the fleet of nearly 300 turbo-prop aircraft. With his experience in aviation, human factors and pilot background, coupled with a BS and MS Degree in Aviation Safety - he has worked to develop successful safety departments at several regional airlines. In his current role, Nate was involved in the development of the FedEx Purple Runway Pathways Program, which was designed to create a pipeline of highly trained and qualified pilots to FedEx Express from select 'Feeder' Operators. In addition, he and his team helped to facilitate the FedEx Purple Runway Scholarship Program which provided

\$2.5million in Aviation University scholarships for flight and maintenance students. Nate lives in Memphis, TN with his wife Danielle, daughter Isobelle and son Nathan.

Thank you to all of our voting participants & CONGRATULATIONS to the Elected Board Members!

An American flag is positioned at the top of the image, with the stars on the left and the stripes on the right. The background of the entire image is a sunset sky over an airport runway.

Happy Labor Day

from



September 7, 2020

2020 Student Poster Contest Winners

Undergraduates:

1st Place

Impact of Airport Classification on Wildlife Strikes

Graham King, Abigail Horton, Lauren Bufford (faculty advisors Dr. Rian Mehta, Dr. Brooke Wheeler)

Florida Institute of Technology

2nd Place

Effect of Mood on Performance in a Non-Normal Situation

Efrain Pardo (faculty advisor Gary Veer)

Green River College

3rd Place

Design of Aircraft Propeller Maintenance Facility for General Aviation

Amman Mujahid, Talha Ehsan, Adnon Ali (faculty advisor Beenish Batul)

University of Management and Technology

Graduates:

1st Place

Analyzing the Threats of Failure of Visual Awareness and Cognitive Bias During a Visual Approach for Commercial Operations

Shlok Misra (faculty advisor: Michele Halleran)

Embry-Riddle Aeronautical University

2nd Place

Gender Equality in the Aviation Industry

Jesse Guillen, Jr., Christian Jaedicke, Dr. Scott R. Winter

Embry-Riddle Aeronautical University

3rd Place

Impact of the Pilot Shortage on Crew Resource Management and Cultural Diversity

Shereen Marie Hashemi, Cody James Sweatt

Embry-Riddle Aeronautical University

[Click here to view the posters.](#)

FAA Information

FAA Offers Information Sessions for College Professionals

The FAA Office of Civil Rights (OCR) invite you to participate in one or more upcoming 2020 FAA Information Sessions.

The goal is to bring together young professionals, college students, recent graduates, and career services staff to attend a session to learn about career opportunities within the FAA. These virtual sessions are free of charge for all attendees.

The key objective of this event is to provide participants with information and strategies on how to find and apply for employment in the federal government, how to build a federal resume and how to prepare for an interview.

Schedule:

Information Sessions

September 8 - 12:00pm – 1:00pmET

September 22 - 10:00am – 12:00pmET

Link Registration:

<https://2020faainformationssession.eventbrite.com>

Resume Writing Sessions

September 22 - 1:00pm – 3:00pmET

Link Registration:

<https://2020faaresumewriting.eventbrite.com>

Mock Interview Sessions

September 22 - 2:00pm – 4:00pmET

Link Registration:

<https://2020faamockinterview.eventbrite.com>

All attendees are required to register one week in advance. Once registered, you will receive an email notification with a unique join meeting link. If you should require additional information, please contact us via e-mail outreach@faa.gov.

We look forward to your participation!



2020 UAA Award Nominations

We hope you will join us at our **73rd Annual Membership Meeting on October 2, 2020** to honor our awardees and to celebrate their contributions. The coronavirus may have changed the way collegiate aviation and our industry does business, but it will not stop UAA from holding its popular Awards of Excellence program for 2020. Now more than ever from this year's pandemic, these awards place a greater emphasis on honoring the people who make a difference by their personal and professional commitment to collegiate aviation - men and women who are truly heroes and legends among us who set examples for all to follow. UAA is pleased to accept nominations for our Annual Awards of Excellence, which will be presented this year during our 2020 Annual Membership Meeting to be held virtually. The awards recognize excellence among collegiate aviation professionals, and partners. Award recipients will be selected based on demonstrated evidence of contribution to the field, nomination letters, and/or letters of recommendation. We are accepting nominations in six categories. Nominations may be made by members only.

W. W. Estridge Award

The Estridge Award is presented to representatives of industry who are University Aviation Association actively involved members in good standing and who are now or who have been for a significant period of time employed by the aviation industry and who have distinguished themselves as strong supporters of collegiate education. The award is made each year in honor of American Airlines' Captain W. W. Estridge, Jr.

V. L. Laursen Award

The Laursen Award is granted to professional educators who are University Aviation Association actively involved members in good standing and who have at least five years actual experience in the aviation education profession and who have made outstanding contributions to aerospace education. This award is presented in honor of TWA's Captain Vern L. Laursen, Staff Vice President-Flight Operations Training.

Frank E. Sorenson Award

The Sorenson Award is presented to professional educators who are University Aviation Association actively involved members in good standing. Nominations for this award should reflect substantial scholarly contributions to the field of aviation research and scholarship comparable to the scope of research, scholarship and publications attained by Dr. Sorenson.

William A. Wheatley Award

The Wheatley award is granted each year to a professional educator who is a University Aviation Association actively involved member in good standing and who has over ten years actual experience in the aviation education profession and who has made outstanding contributions to aerospace education. The award is made each year in memory of United Air Lines' William A. Wheatley-a dominant pioneer in the field of aviation education.

John K. Lauber Safety Award

The Lauber Award is granted each year for an achievement in aviation safety. This achievement must demonstrate clear advancement of aviation safety by an individual or an organization. The advancement could be a singular event or a continual effort over several years. Due to the nature of aviation safety, nominees for the award are not limited to any specific sector or division of the aviation community and all areas are eligible and welcome to participate in recognizing advancements in aviation safety. The award is made each year in honor of John K. Lauber, a pioneer in the field of aviation safety and human factors.

Carolyn Williamson Champion of Collegiate Aviation Award

The Carolyn Williamson Champion of Collegiate Aviation Award is presented for outstanding service to the collegiate aviation community and for promoting and nurturing our students and future aviation and aerospace leaders. This award is presented annually in honor of former UAA Executive Director, Carolyn Williamson.

Deadline:

September 10, 2020

Note: Only UAA members may nominate for awards

[To nominate and for more details, click here.](#)



PIEDMONT

To all of our current and future team members-
thank you for placing your trust in us. While this situation is continually evolving, our mission remains the same. We're committed to a culture of caring, compliance and communication. We're in this together.



LIFT Academy, Vincennes Start New Pilot Training Program

By Wes Mills, Content Manager

The Leadership in Flight Training Academy, powered by Republic Airways and Vincennes University has welcomed the first group of students in its new dual-path aviation education program. The 13 students can earn both professional pilot training and a VU associate degree in aviation flight technology through the LIFT Academy. “We are excited to now offer a degree path as an option for students pursuing flight training directly from high school,” said Matt Koscal, senior vice president at Republic Airways.



Seeing Double: Twins Graduate from Aviation Maintenance Program

Side-by-side, Georgia Northwestern Technical College graduates Cade and Carter Shelton carefully disassembled the blades of a turbine engine at GNTC’s Aviation Training Center at Richard B. Russell Regional Airport.

The identical twins worked together, holding tools and moving parts, and poked fun at one another as they practiced on one of the several pieces of aircraft equipment housed at the facility.

“We are usually spilt up into teams of two to four,” Cade said. “It’s pretty funny though, even when our instructors assign us at random we usually end up in the same group.”

The Cedartown twins are now certified through the Federal Aviation

Administration to conduct airplane repairs. They also received Aviation Maintenance Technician-Power Plant certifications, which will allow them to work in power plants if they choose. Instead of stopping there, the two brothers will be taking the last class necessary for an associate degree this fall.

“They are really good students,” said Jon Byrd, director of Aviation Maintenance Technology at GNTC. “I told them when they started they better not switch uniforms on me, since that’s how I know them apart.”

Both Cade and Carter came to GNTC for their love of airplanes and one day hope to work on commercial and corporate aircraft. The program has been challenging but worth it, Carter said.

“We want to make sure we represent our program in the best way possible,” said Carter. “I enjoy the skills I have learned in this program.”

The Aviation Maintenance Technology program prepares a graduate for employment in repairing and maintaining aircraft.



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AmazonSmile is a simple way for you to support your favorite charitable organization every time you shop, at no cost to you. AmazonSmile is available at smile.amazon.com on your web browser and can be activated in the Amazon Shopping app for iOS and Android phones. When you shop AmazonSmile, you’ll find the exact same low prices, vast selection and convenient shopping experience as Amazon.com, with the added benefit that AmazonSmile will donate 0.5% of your eligible purchases to the charitable organization of your choice.



UAA
UNIVERSITY AVIATION
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Webinar Dates for SEPTEMBER

Virtual Career Fair

September 9:
<https://www.eztalks.com/r/992682170>

Admin Webinar: Leadership Forum

September 11:
<https://www.eztalks.com/j/22068109>

Admin Webinar: Reopening Aviation Programs

September 25:
<https://www.eztalks.com/j/71383693>



No Mistaken Identity: There's an SIU Aviation Program Plane Overhead

by Pete Rosenbery

CARBONDALE, Ill. — Instead of wondering now whether the sound you hear is a bird or a plane, a quick glance to the skies will have an indelible Saluki imprint.

Members of the Southern Illinois University Carbondale aviation shop recently painted "S I U" on the underside wings of two planes used by the program's Flying Salukis. The goal will be to affix the same maroon lettering in wind-resistant vinyl to more than 20 additional planes used by flight students in the program in the coming weeks.

Highly visible

The unmistakable lettering should be highly visible to anyone in the Carbondale area up to about 1,000 feet, since flight students are usually flying around that altitude locally. Ken Bro, the aviation program's chief flight instructor, said the lettering also reminds residents in the region of the nationally recognized aviation program.

"I'm a big fan of promoting the school locally," Bro said. "Everyone will be aware of where we are and who we are, and SIU has a large fleet of aircraft."



Reopening Aviation Programs - 12:00pm Central

September 11th - <https://www.eztalks.com/j/22068109>

September 25th - <https://www.eztalks.com/j/71383693>

October 9th - <https://www.eztalks.com/j/45678955>

October 23rd - <https://www.eztalks.com/j/37622425>

November 6th - <https://www.eztalks.com/j/60745852>

November 20th - <https://www.eztalks.com/j/77975793>

December 4th - <https://www.eztalks.com/j/21476160>

December 18th - <https://www.eztalks.com/j/65733191>



CSU Announces State's Only Collegiate Aeronautics Program

For Charleston Southern University, the sky isn't the limit. It's just the beginning.

The university announced it will be home to South Carolina's only collegiate aeronautics program.

The bachelor of science program will begin in fall of 2021.

School leaders said students in the program will eventually be able to choose between three main tracks: Commercial, military or missionary aviation.

In addition to the professional pilot degree, CSU will also offer an aviation and space management degree, an aeronautics science minor and an aviation maintenance management technical degree.



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3 Regional Colleges Part of FAA's New Collegiate Drone Program

GRAND FORKS -- The University of North Dakota, Dakota College at Bottineau, N.D., and Northland Community and Technical College in Minnesota are among the first institutions selected for the Federal Aviation Administration's new Collegiate Training Initiative for unmanned aerial systems, according to a recent announcement by the FAA.

The program, which has been in place for more than 25 years, allows schools to collaborate with the FAA to help students pursue their aviation career goals, according to the FAA website. The original CTI program was started so schools could train air traffic control applicants for the FAA. UND has been part of the initiative since the program's start.

The FAA Reauthorization Act of 2018 required the government agency to extend the CTI program to UAS, which has now resulted in new agreements between the FAA and eligible institutions of higher education.

The FAA's CTI-UAS program was launched in April. The participating schools "will engage with the FAA, other participants, general industry, local governments, law enforcement, and regional economic development entities to address labor force needs," according to the FAA's website.

Paul Snyder, UAS program director at UND's John D. Odegard School of Aerospace Sciences, said the new partnership will help the FAA address labor force needs, while also ensuring students are getting the "knowledge and skills needed to pursue a successful career."

"The CTI distinction reflects our attitude of wanting to continuously improve UND's UAS program," he said in a press release. "As this industry develops, we're not waiting to see what happens -- we're stepping in to be part of its rapid growth."

In 2009, UND was the first university to establish a degree program for UAS operations.

Paul Drechsel, an associate professor in UND's air traffic management

program, said the CTI partnership for air traffic control has given a potential hiring source for students, and has provided a standardized training program.

"Being part of the CTI program has been a great advantage for our past graduates and our future graduates, both in (air traffic control) and UAS, will have that advantage, as well," he said in a statement. "This is a great opportunity."

Drechsel said North Dakota's congressional delegation has kept UND in mind as aviation-related legislation comes up.

"UND is a world-class aviation school and plays a significant role in the nation's UAS ecosystem," Sen. John Hoeven, R-N.D., said in a statement.

"It makes sense for the FAA to rely further on UND to meet the workforce needs of this quickly growing industry."

Brett Venhuizen, chair of the aviation department, said that while the UAS industry has been around for a number of years, there is still a lot to learn and do in the future.

"The connections we're making with the FAA are huge, and it will be really interesting for our UAS program to be part of this new effort," Venhuizen said. "The CTI program has been a large factor in the success of our air traffic management program, and I can see a bright future for UAS and our involvement with the FAA."



UAA Career Fair Second Wednesdays

UAA held their 4th virtual career fair on August 12 via the web. Our virtual career fair series is designed to help you expand our airline knowledge while allowing you to meet multiple airlines representatives- all from the comfort of your computer.

This past webinar had presentations from FedEx, Alaska Air, Horizon Air, U.S. Airforce and Piedmont Airlines. The first step in successful networking is making contacts, and that means locating people who are already established in the aviation industry. The topic on everyone's mind was the current and near future employment outlook.

Highlights also included an abundance of information on post-graduation, internships, job expectations, license

and hours, and leadership experience. This event was an opportunity for collegiate aviation and flight school students to network with multiple airline recruiters in a single 2-hour session. Human Resource professionals, from three airlines, contributed their time to reach out via EZTalks. More than 200 students and young professionals were in attendance, logging on from 11 countries across the globe.

Second Wednesday is Virtual Airline Career day every month. Block your calendar. Registration is open for all dates.

Please visit www.uaa.aero to register or reach out to Laura at lswanson@uaa.aero

Upcoming Dates
10:00am Central:

[September 9](#) • [September 10](#) • [October 14](#) [October 15](#) • [November 11](#)
• [November 12](#) • [December 9](#)



Check Out UAA Message Boards on COVID-19 and Other Topics

Flight Training During COVID-19: Information and resource sharing for flight training institutes during the COVID-19 pandemic.

Navigating the CARES Act: Please use this message board to discuss topics related to how your program is using the CARES Act to address financial needs of students or flight training providers. We would like to share best practices for areas such as flight instructor support and funding to offset the additional student flight costs incurred due to suspension of training and the anticipated need for some additional training flights, simulator sessions, etc due to loss of proficiency.

Serving Veterans: Discussion board for flight training schools that are VA approved and serving Veterans, or those working through the approval process. Topic areas include regional differences and nationwide commonalities that impact collegiate aviation and dealing with students approaching/hitting FAA minimum hours.

University Promotion and Tenure During Pandemic: Academic institutions are having to make tenure decisions in a fluid and unprecedented environment. Share how your university is addressing the traditional metrics that include research, invited lectures, and conference presentations. Will yours be choosing to extend tenure and promotion timelines or adjust their standards for promotion and tenure?

Virtual Career Fair Webinars **Now on Youtube**

Click the link below to visit our Youtube Channel



<https://www.youtube.com/channel/UCL3jgb4QMa0SOHRcHHmyA7A>



Human Factors

Enhancing Pilot Performance

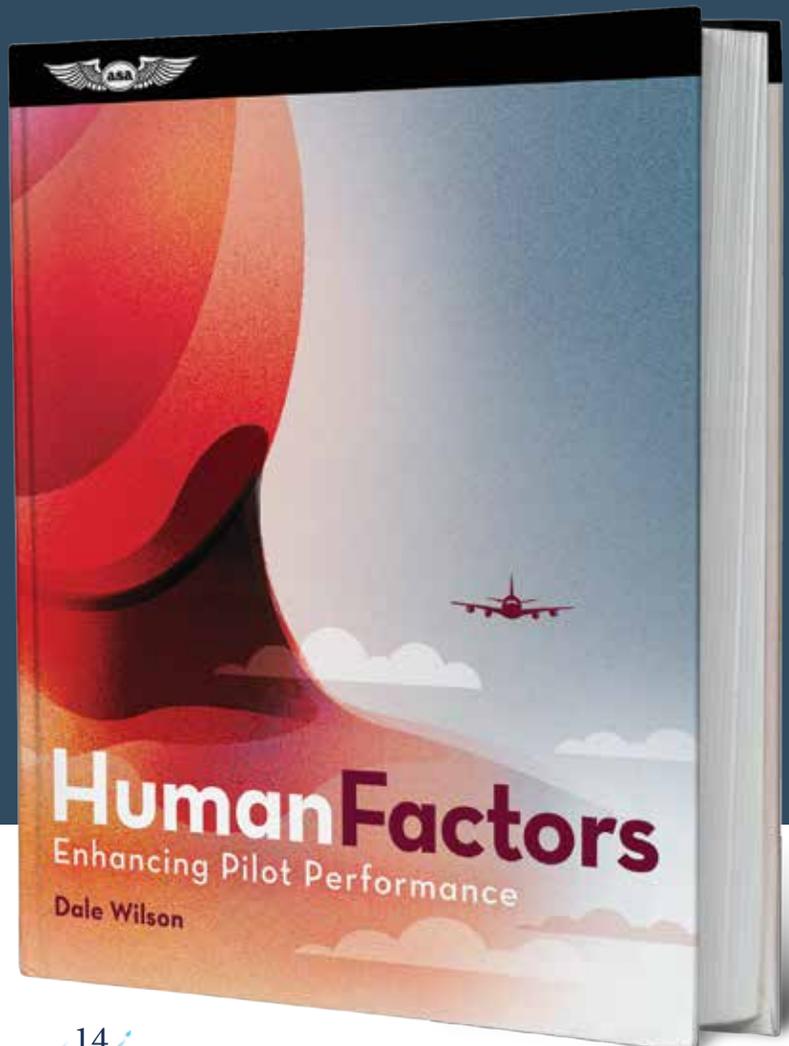
by Dale Wilson

Learn about the physiological, psychological, and psychosocial factors that affect pilot performance along with best-practice countermeasures pilots can adopt to manage or overcome specific human factor limitations.



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Uncover Aviation History by Helping to Transcribe Smithsonian Collections

By the time William J. Powell recorded his first flight in his commercial pilot's logbook—45 minutes above Los Angeles in a Travel Air on March 16, 1938—he'd already completed a long journey.

Powell learned to fly in 1928, and would later found *Craftsmen Aero News*, the first African-American aviation trade journal; become the primary organizer of the Bessie Coleman Aero Club (named for the first Black woman to earn a pilot's license); and establish the "Five Blackbirds," an African-American aerobatic demonstration team.

"He was a huge booster of Black aviation," says Patti Williams, acquisitions archivist at the Smithsonian's National Air and Space Museum. "The Powell materials highlight the issues Black aviators fought against, but the collection also reveals their passion and perseverance."

The Museum has some of Powell's papers in its collection, and archivists are hoping the readers of *Air & Space/Smithsonian* will join the volunteers who are transcribing them. The National Air and Space Museum Archives has posted almost 400 projects, with hundreds more in the pipeline. Recent projects include the papers of astronaut Sally Ride and a Japanese World War II journal, the "Yamada Diary," written by an aircraft mechanic with occasional flight duties.

Ready to get started? Volunteers must 14 years of age or older. Visit transcription.si.edu to choose a paper.



Nationwide Waiver Granted to KSU Polytechnic Campus

The ability of Kansas State University Polytechnic Campus to fly unmanned aircraft systems beyond visual line of sight is expanding.

The campus's Applied Aviation Research Center this month received a new waiver from the Federal Aviation Administration that permits K-State Polytechnic to fly unmanned aircraft beyond visual line of sight, or BVLOS, in all Class G airspace nationwide. Class G airspace is where a majority of UAS flights take place, allowing K-State Polytechnic and the Applied Aviation Research Center to enhance research, education and training opportunities.

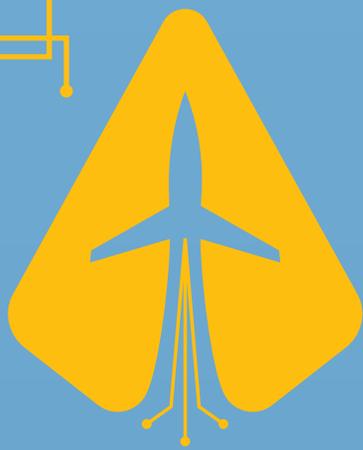
Along with conducting flights in all Class G airspace, this new waiver also permits the remote pilot in command to fly from a mobile command center. Flying from a mobile command center allows for a controlled environment, meaning pilots can fly distraction-free, out of the elements, and monitor not only the live UAS feed but also weather, manned traffic, telemetry feed and more. This type of training situation will provide students with experience highly sought after in the UAS industry, as well as valuable training experience for professionals in public safety, emergency response, and more. This waiver will also allow K-State Polytechnic to continue research operations that move the industry forward.

A nationally recognized leader in the UAS industry, K-State Polytechnic is a member of the Kansas UAS Joint Task Force and was the first university in the nation to receive a BVLOS waiver from the FAA in 2018, granting

permission for K-State Polytechnic to fly beyond the visual line of sight of the pilot and visual observers in a single location. K-State Polytechnic is also a key partner with the Kansas Department of Transportation, which is one of the nine entities nationwide to be part of the FAA's UAS Integrated Pilot Program.

"We are committed to continually evolving our UAS program to ensure our students are prepared to enter the UAS industry with a broad range of relevant experience," said Kurt Carraway, UAS executive director of the Applied Aviation Research Center and department head of the program. "This waiver allows us to train the way our industry partners want their pilots to operate. I am proud of our ability to conduct thorough operational risk assessments and articulate those into safety cases, such as this, to garner FAA approval for advanced UAS operations."

K-State Polytechnic and the Applied Aviation Research Center provide elite UAS education and training in the undergraduate and professional realm. For more information on K-State Polytechnic's unmanned degrees — UAS flight and operations, and UAS design and integration — contact the admissions office at 785-826-2640 or polytechnic@k-state.edu, or visit polytechnicexperience.com/droneexpert. For more information on K-State Polytechnic's UAS training courses, visit ksu-uas.com/fly-with-the-experts.



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Scholarship totaling \$2,500 available to an aviation maintenance technical program student, awarded thanks to the generous contributions of founding steering committee members.



DALE HURST MEMORIAL SCHOLARSHIP

The scholarship provides transportation and per diem funds, up to \$1,500, for an AMT instructor to attend a one- to three-day airline manufacturer, vendor or other industry aviation maintenance workshop, seminar, or training course.

AVIATION MAINTENANCE TECHNICIAN SERIES TEXTBOOKS

Each of five available textbook sets, valued at \$585 per set, includes Introduction to Aircraft Maintenance, Aircraft Structural Maintenance, Aircraft System Maintenance, and Aircraft Powerplant Maintenance.

AVIONICS TEXTBOOK SET

Each of five available textbook sets, valued at \$345 per set, includes Fundamentals of Aircraft Electronics, Beyond the AET, Instruments and Auxiliary Systems, and Systems and Troubleshooting.



A&P TEXTBOOK SET

Each of three available textbook sets are valued at \$269 per set. The textbook set includes 8083-ATB Textbooks, 8083-ATB Test Guides, AC-43.13, and FARS. The student recipient has the option of receiving these items in print or ebook format.

EASA PART 66 B1.1 AIRPLANE/ TURBINE STUDY SET

Each of two available sets are valued at \$525 and contains the 13 required study modules for B1.1 international licensing.

EASA PART 66 B2 AVIONICS STUDY SET

Each of two available sets is valued at \$495 and contains the 12 required study modules for B2 international avionics licensing.



\$1,000 SCHOLARSHIP

Scholarship totaling \$1,000 available to an aviation maintenance technical program student, awarded in the name of ARSA.



\$1,000 SCHOLARSHIP

Scholarship totaling \$1,000 available to aviation technical student, awarded in the name of ASA.

A&P TEXTBOOK AND EBOOK SET

This textbook set (valued at \$479.50) includes both the print and digital versions of all four volumes of the Dale Crane AMT Series, all of the FAA AMT Handbooks for General, Airframe, and Powerplant, the FAA AC 43.13-1B and -2B, and an ASA 2020 FAR for Aviation Maintenance Technicians.



AVIATION MAINTENANCE TRAINING SYSTEM

The training system includes a Model 130ST Trainer, a Model 1438G Fundamentals of Aviation Maintenance Technology Program, a Model 1438P Aircraft Electrical Programs with experiment card set, and a Basic ten (10) Student Software License that includes a learning Management system and student monitoring system. The award includes a one-year software support warranty and a 5-year hardware warranty. The value of this award is \$13,385.00.



ASTM/NCATT AIRCRAFT ELECTRONICS TECHNICIAN CERTIFICATION EXAM

Recipients will receive test fees for the NCATT AET exam and one endorsement exam (Dependent Navigation Systems (DNS), Radio Communication Systems (RCS), Autonomous Navigation Systems (ANS), or Onboard Communication and Safety Systems (OCS)). The total award value is \$310.

CHOOSE AEROSPACE, INC. is a 501(c)(3) partnership of aerospace stakeholders, created to spur interest in aerospace careers, and identify and implement solutions to workforce challenges.



FAA Selects UND for UAS Collegiate Training Initiative

UND says it is one of the first institutions selected for the FAA's new Collegiate Training Initiative for unmanned aerial systems.

University officials say UND's participation will make sure there is a pipeline of qualified professionals to meet increasing demands in the UAS industry.

The C-T-I program was first developed about 25 years ago to help schools deliver air traffic controllers to the FAA. UND has been involved in that aspect of the program from the beginning.

The University of North Dakota is among the first institutions selected for the Federal Aviation Administration's (FAA) new Collegiate Training Initiative for unmanned aerial systems (UAS), according to a recent announcement by the FAA.

The University's participation in the program, in close partnership with the FAA, will ensure that there is a pipeline of qualified professionals to meet increasing demands in the UAS industry and efforts to implement UAS into the national airspace.

The FAA's Collegiate Training Initiative (CTI) program has been in place for more than 25 years. It was first developed to help schools deliver up-to-date air traffic control training to provide the FAA with qualified air traffic controller applicants. UND has been involved in that element of the initiative since the program's inception.

The program's mission is to "collaborate with selected schools to deliver up-to-date UAS training tools, resources, and guidelines that will prepare students for careers in UAS and continue to maintain the safety of the National Airspace System."

Paul Snyder, UAS program director at the John D. Odegard School of Aerospace Sciences, said the announcement reinforces UND's position at the forefront of UAS education and research.

In 2009, UND was the first university to establish a degree program for UAS Operations.

"This new level of partnership will help the FAA address labor force needs and ensure that graduates have the knowledge and skills needed to pursue a successful career," Snyder said. "The CTI distinction reflects our attitude of wanting to continuously improve UND's UAS program."

"As this industry develops, we're not waiting to see what happens – we're stepping in to be part of its rapid growth."

Speaking from his experience guiding and instructing UND's Air Traffic Management program, Associate Professor Paul Drechsel said the CTI partnership for air traffic control puts in place a potential hiring source for students, and has provided a standardized training program allowing UND to excel.

...continues on page 18

New Members

Professional

Trevor Thompson
University of Florida

Roger Thompson
Averett University

Student

Andrew Kitner
Marywood University

Jake Pajalich
Marywood University

Dylan Sun
Mt. San Antonio

Trey Watson
Marywood University

Casey Zemanek
Marywood University

Jake Corino
Marywood University



UAA
CARI Vol. 38 Issue 1
Now Available

<https://issuu.com/universityaviationassociation/docs/8035-16712-1-pb>

continued from page 17

“UND is going to go above and beyond with UAS,” Drechsel said. “Being part of the CTI program has been a great advantage for our past graduates, and our future graduates both in ATC and UAS will have that advantage, as well. This is a great opportunity.”

Drechsel followed by saying North Dakota’s congressional delegation has consistently kept UND in mind as aviation-related legislation comes to fruition, such as 2018’s FAA Reauthorization Act.

“UND is a world-class aviation school and plays a significant role in the nation’s UAS ecosystem,” said Sen. John Hoeven, R-N.D. “It makes sense for the FAA to rely further on UND to meet the workforce needs of this quickly growing industry. That’s exactly why we authorized this program through the 2018 FAA reauthorization, and this selection builds on our state’s role as a hub of UAS research, development, training and operations.”

Brett Venhuizen, chair of the Department of Aviation, noted that while the UAS industry has been around for a number of years, it is still in its relative infancy, when compared to manned aviation.

“The connections we’re making with the FAA are huge, and it will be really interesting for our UAS program to be part of this new effort,” Venhuizen said. “The CTI program has been a large factor in the success of our air traffic management program, and I can see a bright future for UAS and our involvement with the FAA.”



Shortages or Furloughs? How Will Pandemic Impact Long-Term Workforce

by Kathryn B. Creedy

Those who think the pandemic-induced drop in both activity and revenues for the maintenance, repair and overhaul (MRO) industry have ended the industry’s workforce shortage are dead wrong and, in fact, some experts predict it will be further exacerbated by emerging technologies.

“We were in a labor shortage pre-COVID-19 and this current situation isn’t going to fix that,” Duncan Aviation President Jeff Lake tells Aviation Maintenance. “We anticipate that once conditions improve, the industry will once again have a crunch on high-quality candidates. The aviation industry needs to continue to focus on marketing and educating young people to attract them to career opportunities we provide.”

Indeed, experts queried by Aviation Maintenance magazine predict accelerated retirement and emerging technologies could make that shortage more acute once COVID-19 is behind us.

In the meantime, they see less destruction than anticipated. However, they worry about losing talent to other industries, that initiatives to attract youngsters to the discipline will falter and about antiquated regulations that leave aviation maintenance students unprepared for today’s demands much less those of the future. And, of course, they worry about being paid.

The Aeronautical Repair Station Association (ARSA) conducted a survey in June to better understand the economic and workforce challenges the pandemic has created for the industry.

“We’ve heard from many members that their customers – both airlines and general aviation operators – have stopped paying even for work that was done before the pandemic started,” says ARSA Executive Vice President Christian Klein. “That ripples through industry and is compounded by rising costs owing to sanitization, new protective equipment, safety measures, social distancing and moving to shifts.”

“The survey is not final, but it gives you a sense that, while it is really terrible out there, it is not an absolute bloodbath... at least not yet. It’s amazing to think that prior to March 13, we had large number of members turning away customers owing to the workforce shortage.”

In fact, ARSA estimated its members were potentially foregoing as much as \$1.4 billion in business annually for lack of workers. For that reason, ARSA is at the forefront of initiatives to boost the ranks of maintenance technicians. The industry developed impressive programs to attract young people. Congress funded a new grant program, proposed by ARSA, to help attract and retain technicians. New internships, scholarships and apprenticeship programs were being offered.

Efforts to boost interest in the profession were paying off, according to Aviation Technician Education Council (ATEC), the other leading force in workforce development.



Second Year Craven Community College Flight School Takes Off

by Sharon Johnson

CRAVEN COUNTY, N.C. (WITN) - Craven Community College continues to lead the way in the East helping train future pilots. Its flight school is again teaming up with a local flight services company as part of the school's commercial pilot program.

The college is working with Tradewind flight services for the second year of Craven County's Commercial Pilot Aviation Program.

The two-year course allows students to earn an associate's degree while gaining hours and experience needed to become a pilot. Instructors say the program is a great opportunity for Craven Community College."

Mark Marsteller with Craven Community College said, "It puts us more on a global scale as far as visibility. We are doing what very few community colleges are doing and it's more in line with a university, it's pretty aggressive for a community college."

Instructors also say training new pilots will help alleviate the global pilot shortage and expand student exposure to aeronautical learning in the East.

Landsberg Reappointed NTSB Vice Chairman

The National Transportation Safety Board's Vice Chairman Bruce Landsberg was designated Friday to continue to serve as Vice Chairman for a new term of three years. Landsberg began as the NTSB's Vice Chairman Aug. 7, 2018.

"We're working toward the goal of zero deaths in transportation, and until we can achieve that goal, we're working to reduce the number of deaths and injuries that happen every year in every mode of transportation"-said Landsberg.

2020 UAA Event Calendar

September 7

Labor Day
National Holiday

September 9

Virtual Airline Career Fair
UAA Virtual Event

September 10

Virtual Airline Career Fair
UAA Virtual Event

September 11

Admin Webinar
UAA Virtual Event

September 18

Upset Recovery: Collegiate Aviation in Uncertain Times
UAA Virtual Event

September 18

Professional Papers
UAA Virtual Event

September 24

Innovation Theatre
UAA Virtual Event

September 25

Research Roundtable
UAA Virtual Event

October 2

Education Sessions
UAA Virtual Event

October 8

Innovation Theatre
UAA Virtual Event

October 9

Best Practices
UAA Virtual Event

October 9

Admin Leadership Forum
UAA Virtual Event

October 9

Workshop
UAA Virtual Event

October 14

Virtual Airline Career Fair
UAA Virtual Event

October 15

Virtual Airline Career Fair
UAA Virtual Event

October 16

Workshop
UAA Virtual Event

October 22

Innovation Theatre
UAA Virtual Event

October 23

Annual Board Meeting
UAA Virtual Event

October 30

Annual Membership Meeting
UAA Virtual Event

October 30

Annual Awards Ceremony
UAA Virtual Event

November 6

Admin Webinar
UAA Virtual Event

November 11

Virtual Airline Career Fair
UAA Virtual Event

November 20

Admin Webinar
UAA Virtual Event



Regional Cargo Carriers Announce Scholarship Programs

Applications are now open for the Regional Air Cargo Carriers Association (RACCA) scholarship applications designed to help aspiring pilots, aircraft maintenance technicians (AMT) and airline managers to pursue their careers.

“Despite the pandemic, accelerated retirements will mean workforce shortages will return and become more acute when the industry recovers,” said RACCA President Stan Bernstein. “This is not the time to stop your education and we need to ensure funding is available to help students overcome the barriers associated with the high cost of an aviation education. In recent years, we have helped students pursue AMT, airline management and pilot careers. Ensuring funding is available is an important part of the RACCA mission.”

The RACCA Aviation Scholarships were established for the purpose of promoting and assisting in pursuing aviation as a career choice and to make students aware of the opportunities in the air cargo industry. RACCA, representing 50 air cargo carriers, many of which feed the FedEx, DHL and UPS networks, provides scholarships to assist in the payment of tuition, flight training, or to obtain new or additional licenses. The organization makes four awards each year in November.

Bernstein noted flying for a RACCA carrier is a valuable way to build flying

time because it gives pilots experience in flying to a schedule, inclement weather, dealing with inflight and procedural issues surrounding cargo as well as night flying, operating in busy airspace, cockpit resource management issues and required recordkeeping, all of which are part of airline operations. One of the most important things an aspiring pilot can do to build time is to maintain the professionalism and discipline they had as a student.

To qualify for the scholarships, applicants must be:

- A college student currently enrolled in an accredited aviation program.
- A resident of the United States.
- Currently carry a Grade Point Average of at least 3.0 on a 4.0 scale.

Scholarship #1 will carry the additional requirement of obtaining a letter of introduction from an existing RACCA member or RACCA associate member since the goal is for candidates to learn about the air cargo industry. If there is a RACCA member or associate member in a candidate's immediate area, candidates should arrange to visit their operation and become familiar with all the opportunities in the growing air cargo industry. If there is no member close, candidates should call a member and tell them who they are and ask questions about the air cargo industry.

Deadline for Applications:
October 15, 2019



Ohio State Publishes Study on Pilot Pathways

In a landmark study which was aided by RACCA members, Ohio State Center for Aviation Studies published research showing the different pathways pilots take to reach commercial aviation career goals.

The ultimate goal is to aid those who are in the decision-making process and are considering their options for becoming competitive for hiring by a U.S. Major Airline. The study provides simplified and harmonized quantitative data concerning the financial and timeline implications associated with each pathway. Analysis focused on five areas; (1) tuition and training cost projections; (2) career progression; (3) accrued turbine PIC time; (4) accrued earnings; and (5) net accrued earnings.

The study, analyzed the financial and timetable implications associated with military, regional airlines, regional cargo carriers, and corporate aviation pathways. It culminates in a new accrued earnings analysis.

For more information contact:
James Happensack,
happensack.9@buckeyemail.osu.edu



Airline and Airport Management Simulations
www.simulate.aero



What is UAA?

The University Aviation Association (UAA) is the voice of collegiate aviation education to its members, the industry, government and the general public. Through the collective expertise of its members, this nonprofit organization plays a pivotal role in the advancement of degree-granting aviation programs that represent all segments of the aviation industry.

Today, UAA has more than 600 members, including approximately 200+ institutions worldwide. Through doing research, publication, and the sharing of best practices, the organization and its members are well equipped to meet the evolving needs of the aviation industry and the 21st century.



UAA provides a forum for students, faculty, staff, and practitioners to share ideas, to enhance the quality of education, and to develop stronger programs and curricula.

If you want to ensure the quality of collegiate academic programs, UAA is for you. If you want to benefit from the technical expertise and knowledge of professionals from academia and industry, UAA is for you. If you want to influence curricula development, industry standards and aviation policy, UAA is for you. If you want to have an impact on the future of aviation, UAA is for YOU.

Benefits of Membership

	INSTITUTIONAL	HIGH SCHOOL	PROFESSIONAL	ASSOCIATE	CORPORATE	STUDENT
EDUCATIONAL PROGRAMMING	✓	✓	✓	✓	✓	✓
LEADERSHIP OPPORTUNITIES	✓	✓	✓	✓	✓	✓
MONTHLY NEWSLETTER	✓	✓	✓	✓	✓	✓
NETWORKING WITH AVIATION PROFESSIONALS	✓	✓	✓	✓	✓	✓
PROFESSIONAL DEVELOPMENT OPPORTUNITIES	✓	✓	✓	✓	✓	✓
PUBLICATION DISCOUNTS	✓	✓	✓	✓	✓	
PEER-REVIEWED JOURNAL	✓	✓	✓			
AWARDS PROGRAM	✓		✓	✓	✓	
INSTITUTIONAL REVIEWS	✓	✓				
SCHOLARSHIPS	✓					✓

Scholarship Opportunities

Bill Sanderson Aviation Maintenance Technician

DEADLINE: September 1

Description

Scholarship applicants should be about to graduate from an FAA-approved Part 147 AMT school or be a recent recipient of an airframe and power-plant (A&P) certificate. All FAA written and practical exams must be successfully completed prior to attending the chosen school; however, these exams do not necessarily have to be completed before applying for the scholarship.

Contact

1920 Ballenger Avenue, 4th Floor
Alexandria, VA 22304

www.helicopterfoundation.org

Maintenance Technician Certificate

DEADLINE: September 1

Scholarship Criteria

Applicants must already be enrolled in a maintenance technician certificate program at an FAA-approved Part 147 school or international equivalent. Up to six scholarships may be awarded.

Contact

1920 Ballenger Avenue, 4th Floor
Alexandria, VA 22304

www.helicopterfoundation.org

Michelle North Scholarship for Safety

DEADLINE: September 1

Scholarship Criteria

Applicants must be a pilot who holds an FAA commercial helicopter rating or an international-equivalent rating. Applicants must already be working in helicopter industry, either in the safety or safety management field.

Contact

1920 Ballenger Avenue, 4th Floor.
Alexandria, VA 22304

www.helicopterfoundation.org

Fran Sargent

DEADLINE: September 19

Scholarship Criteria

Applicants must have an Instrument Rating and able to attend the ground school and SIM training.

Contact

PO Box 1308
Stuart, FL 34995

www.flgoldcoast99s.org

Student Pilot Flight Training

DEADLINE: September 30

Scholarship Criteria

One award to help fund Private Pilot training. Applicant must be a female San Diego County resident, have passed the written test, have a current student medical, and soloed.

Contact

2090 N Marshall Avenue
El Cajon, CA

www.sd99s.org

Grant Opportunities

Department of Commerce

DEADLINE: September 25, 2020

Grant: FY21 Cooperative Research Program (CRP)

<https://www.grants.gov/web/grants/view-opportunity>

National Science Foundation

DEADLINE: October 6, 2020

Grant: Historically Black Colleges and Universities - Excellence in Research

<https://www.grants.gov/web/grants/view-opportunity>

Employment and Training Administration

Department of Labor

DEADLINE: October 8, 2020

Grant: Strengthening Community Colleges Training Grants

<https://www.grants.gov/web/grants/view-opportunity>

National Institutes of Health

Department of Health and Human Services

DEADLINE: January 7, 2021

Grant: NINDS Ruth L. Kirschstein National Research Service Award (NRSA) for Training of Postdoctoral Fellows (F32 Clinical Trial Not Allowed)

<https://www.grants.gov/web/grants/view-opportunity>

Dept of the Army - Material Command

Department of Defense

DEADLINE: April 30, 2024

Grant: Department of Defense Research and Education Program for Historically Black Colleges and Universities and Minority-Serving Institutions (HBCU/MSI)

<https://www.grants.gov/web/grants/view-opportunity>

National Institutes of Standards and Technology

Department of Commerce

DEADLINE: Rolling Applications

Grant: NIST Public Safety Innovation Accelerator Program (PSIAP) – Follow-on Funding for Technical and Business Assistance and Demonstration Projects with Public Safety Agencies

<https://www.grants.gov/web/grants/view-opportunity>

Johnson Space Center National Aeronautics and Space Administration

DEADLINE: September 1, 2020

Grant: 2020 HERO Appendix A: NASA Research and Technology Development to Support Crew Health and Performance in Space Exploration Missions

<https://www.grants.gov/web/grants/view-opportunity>

Employment and Training Administration

Department of Labor

DEADLINE: October 8, 2020

Grant: Strengthening Community Colleges Training Grants

<https://www.grants.gov/web/grants/view-opportunity>



UAA Virtual Airline Career Fair

September 9 **FREE** Webinar Registration:

<https://www.eztalks.com/r/992682170>

These UAA virtual events are great opportunities for collegiate aviation and flight school students to network with multiple airline recruiters in a single session. Hundreds of students from all over the world attend the events to network with industry professionals who contribute their time to reach out via EZTalks to educate and answer students' questions on their profession and the aviation industry.

Contact **Laura Swanson** about presenting at 901-563-0505 or hello@uaa.aero

Click the links below to register for that date.

September 9 & 10 • October 14 & 15 • November 11 & 12 • December 9

Career Opportunities

Embry-Riddle Aeronautical University Assistant/Associate Professor

Tenure Track Aeronautical Science Faculty for Fall 2020

The Aeronautical Science Department in the College of Aviation (COA) at Embry-Riddle Aeronautical University—Daytona Beach invites applications for tenure track positions at the rank of Assistant/Associate Professor to teach in the Aeronautical Science undergraduate program.

The Aeronautical Science Department hosts the largest degree program for professional pilots in the world and houses three undergraduate degrees focusing on professional aviation. At the Daytona Beach Campus, the B.S. in Aeronautical Science degree program blends flight training with academic study to provide a firm foundation in airlines, corporate and commercial aviation, or military aviation. In addition to a comprehensive academic and general education core, the curriculum includes FAA certification as a multi-engine, instrument-rated commercial pilot. Teaching excellence is our top priority along with applied research in aviation related areas. Key to our mission is providing effective mentoring and advising to our students as they prepare to enter the industry. The Aeronautical Science program is accredited by the Aviation Accreditation Board International (AABI).

These positions require a broad base of aviation knowledge and experience. Teaching areas will be in FAA approved private, instrument, and commercial courses leading to students successfully passing the knowledge tests required to obtain the specific FAA certificates. Courses may also include, but are not limited to, teaching upper level courses in safety, flight and cockpit resource management systems and concepts. There may be opportunities to teach jet transport aerodynamics and performance as well as jet transport systems, turbine engines, and airline operations. In addition to teaching responsibilities, duties will include curriculum development and committee participation on Department and University levels. The candidate will also have a strong interest in pursuing scholarship and professional activities appropriate to advancing aviation education and aviation interests in the industry. These nine-month term, tenure track positions will begin August 12, 2020.

Applicants should include a resume/CV and a cover letter on aviation experience as well as academic qualifications that demonstrate a fit with the department and position.

Please submit all materials online at
<https://embryriddle.taleo.net/careersection/002/jobdetail.ftl>

Florida Institute of Technology Aeronautical Science Faculty Vacancies

Positions: The College of Aeronautics is seeking full-time faculty members for the undergraduate aeronautical science and graduate applied aviation safety programs. Selected applicants must be in place for the Fall 2020 semester.

Responsibilities (priority order):

- Teach three or more of the following courses:
 - Private pilot ground school.
 - Instrument rating ground school.
 - Commercial pilot ground school.
 - Instructor pilot ground school.
 - Airline transport pilot and dispatcher ground school.
 - Aerodynamics.
 - Aviation Safety.
 - Aviation Physical Science.
- Teach graduate courses according to qualifications.
 - Teach selected courses in international and domestic extended-campus programs.
 - Advise students on academic matters and career planning.
 - Serve on division, school, and university committees as assigned.
 - Obtain external funding for and conduct research in contemporary aviation-related issues.
 - Supervise graduate students conducting research.

Minimum Qualifications:

- Graduate degree in aeronautical science, aviation or related field
- Experience in fields applicable to aviation.
- Teaching experience.
- FAA Advanced Ground Instructor (or Certified Flight Instructor) and Instrument Ground Instructor (or Certified Flight Instructor Instrument) certificates.
- Ability to apply current instructional technology in classroom and distance learning.

To Apply: Qualified applicants should submit letter of application noting specific qualifications and interests related to the list of responsibilities above and resume or CV to College of Aeronautics, Margaret Wallace, 150 W. University Blvd., Melbourne, FL 32901-6975, Fax: (321) 674-8059, e-mail: mbrowning@fit.edu.

UAA MOBILE APP AVAILABLE NOW

The UAA app gives you access to 600+ members on the fly. Contacts, membership number, and invoices. Or join as a new member. Right from your phone. This app also has bonus content that will connect our members to the community by allowing them to publish press releases, and events while on the go. To get started, downloads available from Google Play store and the iTunes App Store.



Career Opportunities

Ozarka College

Aviation - Certified Flight Instructor (CFI)

Ozarka College seeks applicants for an Aviation – Certified Flight Instructor. The Aviation – Certified Flight Instructor, acting under the direction of the Director of Aviation, provides flight instruction primarily in Cessna 172N, 172 RG and Barron B55 aircraft. Full and non-motion Red Bird simulators, and a full range of freshman and sophomore aviation courses including, but not limited to: Fundamentals of Aeronautics, Air Traffic Control, Human Factors and Safety, Advanced Aerodynamics and Performance, FAA Regulations and Publications, and Aviation Weather, Private Pilot, Instrument and Multi-Engine Certification. This position is primarily a flight instruction position, with classroom teaching responsibilities at the Melbourne Arkansas Municipal Airport (42A) and the Melbourne campus, and may include day, evening, and online classes. Melbourne AR is located in beautiful Northern Arkansas and offers a very low cost of living. Build flight hours while working in an exciting, student-centered environment.

Application

Salary is commensurate with education and experience. This position is a 9-12 month position (negotiable). For more information, please visit the Ozarka College website at www.ozarka.edu/hr. To apply, submit a detailed letter of application, an Ozarka Employment Application, résumé, flight experience attachment, unofficial copies of transcripts, and names, addresses, and phone numbers of three professional references to: Office of Human Resources, Ozarka College, P. O. Box 10, Melbourne, AR 72556.

Southern Utah University

Assistant Professor of Aviation

Positions: Southern Utah University in Cedar City, Utah, is seeking applications for a non-tenure track Assistant Professor of Aviation in support of the successful and rapidly growing Department of Aviation Sciences.

The individual in this position will teach aviation courses related to the Aviation AAS degrees, the B.S. in Aviation Sciences degree, and aviation courses in the Master of Integrated Studies degree. A Master's degree or equivalent industry experience is required. This position will start August 24, 2020. See additional details in the job posting on the Southern Utah University employment website.

Southern Illinois University

Assistant Instructor

Position Summary: The Department of Aviation Management and Flight seeks applicants for flight instructor positions in SIU Carbondale's Aviation Flight program. These are term, non-tenure track appointments.

Duties and Responsibilities: To provide individual flight instruction to students enrolled in Aviation flight courses, including preflight/post-flight inspections as well as maintaining the training records of assigned students. To assist faculty as needed in teaching aeronautical and aircraft systems classes leading to FAA Pilot Certificates and Ratings. To engage in other duties as determined by the Chief Flight Instructor.

Minimum Qualifications:

- Bachelor's Degree
- FAA Commercial Pilot Certificate with Instrument Rating
- FAA Certified Flight Instructor-Airplane Certificate (CFI)

Prior to date of hire, official academic transcripts must be received. Certified Flight Instructor-Instrument Airplane Certificate required (CFII) within four months from date of hire. Cannot be "Instructor of Record" for any Aviation class until CFII is earned.

Preferred Qualifications:

CFII, FAR 141 experience within a University flight program.
Master's degree.

Flight instructors are hired based on the needs of our flight program. Applications are continually evaluated throughout the year, with first review beginning July 29, 2020. Because our needs can change quickly, having your application completed and available for review is beneficial.

Application Procedure: Visit <https://jobs.siu.edu/> to create an account and apply.

Required Documents: Cover letter, resume, certifications

Contact for further information: Rhonda Ferguson

Contact email: rferguson@siu.edu

Contact phone number: 618-453-9245

SIU Carbondale is an Affirmative Action/Equal Opportunity Employer of individuals with disabilities and protected veterans that strives to enhance its ability to develop a diverse faculty and staff and to increase its potential to serve a diverse student population. All applications are welcomed and encouraged and will receive consideration.



Career Opportunities

University of North Dakota Assistant Professor - Aviation

The University of North Dakota, John D. Odegard School of Aerospace Science, invites applicants for 5 Non Tenure-Track, Assistant Professor positions in the Department of Aviation. Requires a Master's Degree in aviation related field, Ph.D, Ed.D., or J.D. preferred; and 1 year professional experience in the aviation field. Position is full-time, 9-month with excellent benefits package. Salary is commensurate with experience.

Additional information and apply at:

<https://campus.und.edu/human-resources/careers/job->

For additional information about career opportunities, visit the universities' links or
https://www.uaa.aero/career_opportunities.php#ksp

Student Job Opportunity



We are working to expand our library of video tutorials for AIRPORT Online and it has been proven that past students who have worked with the software are the ideal candidates for this type of work. Their understanding of the application gained through learning and assessment provides them with good insight into the needs of fellow students and the knowledge to speak confidently about the application and functionality.

If you have any students who have completed a course using AIRPORT Online with a deeper understanding of the simulation and are interested in some short term work, please ask them to email admin@simulate.aero with a short summary of experience.

University of Dubuque Assistant Chief Flight Instructor

The University of Dubuque offers an excellent benefits package including tuition remission, paid holidays, vacation and sick time, and a retirement match.

Primary Responsibilities:

- Fixed-wing flight training and related activities for the Flight Operations program
- Administer Stage Checks and Check Rides
- Assist the Chief Instructor in managing training activities, Training Course Outlines (TCO) and ensure compliance with record keeping
- Mentor and supervise Flight Instructors
- Ensure compliance with Title 14 CFR applicable to flight training, other regulatory policies and the Safety Management Systems
- Assist the Director of Safety & Operations on safety and security related responsibilities
- Perform other duties in support of the aviation department and the University's mission

Minimum Requirements:

- Bachelor's degree in aviation or related field; Master's degree preferred
- Meet FAA recent flight experience requirements pursuant to FAR part 141.36 and 61.57
- Meet all FAR Part 141 Assistant Chief Flight instructor requirements for Private and Instrument certificates. Preference given to candidates meeting the Commercial, Multi-Engine and/or Flight Instructor certificates and ratings
- Worked for a minimum of 1 year as a Flight Instructor within a Part 141 flight school or collegiate flight training environment; or currently working as an Assistant Chief Instructor in a flight training school
- Current FAA Flight Instructor Certificate (CFII and MEI) in Fixed-Wing aircraft and a current FAA flight medical
- Effective communication skills; both orally and written
- Exceptional skills using Microsoft Office
- Valid US driver's license

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