



UAA CONNECT

the official publication of the University Aviation Association

SEPTEMBER 2022

UAA Board Election – Voting Opens Tuesday, September 6th

Online voting opens **September 6th** and runs through noon **September 15th**. Results will be announced at the UAA annual membership meeting held Friday October 7th and on our website shortly thereafter. New board members will take their seats January 1, 2023.

2023 UAA Officers & Trustees Election Candidate Bios

Thank you in advance for taking time to think about the leadership opportunities for the future of University Aviation Association. The Board of Trustees has seven positions open for election this year: one (1) two-year term President, one (1) two-year term Vice President, one (1) three-year term for Member at Large, two (2) three-year terms for Educator Trustees, and two (2) three-year terms for Industry Trustees.

President (one position, 2-year term)

Both the President and Vice President will serve concurrent two-year terms. Succession from the Vice President position to President is not guaranteed and the Vice President will need to specifically run for the position of President in a separate election the following year.

Candidates:



Chaminda Prelis, PhD

Middle Tennessee State University

Chaminda Prelis, PhD has been actively engaged with UAA for many years. His involvement includes; Team Lead for institutional review visit, coordinating the Leadership Forums, serving on the Board of Trustees as an Educator Trustee from 2016 to 2018, and as Treasurer from 2018 to 2020. Chaminda currently serves as the Director of Aviation Programs and Associate Professor of Aviation at the University of Dubuque. He has been an advisor to several aviation and non-aviation-related organizations and was the Chair of the University of Dubuque Curriculum Committee for four years. He recently completed his Ph.D. in Organizational Leadership at Northcentral University and earned a M.S. in Aviation and a B.B.A. in Aviation Management from the University of North Dakota. His industry experience includes work as a Station Manager for Northwest Airlines and Delta Air Lines. Chaminda is also a certified commercial pilot with instrument and multi-engine ratings.



Ryan Wallace, EdD

Embry-Riddle Aeronautical University – Daytona Beach

Dr. Ryan Wallace is an Associate Professor 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 has facilitated professional training seminars for multiple federal agencies in the areas of UAS safety, operations, and counter-UAS topics. He further serves as the UAA representative on the FAA's Unmanned Aircraft Safety Team (UAST). He previously chaired UAA's UAS Committee, where he led a collaborative effort to publish the UAS Pilot's Code, a compendium of procedures and best practices to improve UAS operational safety. He is also a former Editor of the Collegiate Aviation Review International, the official scholarly journal of UAA. He previously worked as a Customer Training Specialist at the Boeing Company. An Air Force veteran, he was a rated Air Battle Manager on the E-3 AWACS.

Vice President (one position, 2-year term)

Candidates:



Jeremy Brown

Frasca

Mr. Jeremy Brown started his aviation career at Frasca Simulation as a Marketing and Sales Representative. Mr. Brown previously worked at Piper Aircraft as Manager of Fleet Sales, then Pan Am Flight Academy as a Career Counselor. He acknowledges that while he has gained valuable knowledge and experiences at the different companies and locations, he is happily back home at Frasca. Mr. Brown has served on the UAA Board of Trustees' Executive Committee as Secretary and previously as Industry Trustee.



Tony Foster

University of Dubuque

Tony Foster is the Head of Academics for the Aviation Department at the University of Dubuque. He serves as an Associate Professor, Assistant Chief Flight Instructor, and was an Executive Transport pilot. He has earned a Ph.D. from the University of North Dakota in Aerospace Sciences.



Michael Robertson, PhD

Southern Illinois University - Carbondale

Dr. Mike Robertson is a Professor in the Department of Aviation Management and Flight. He is a Commercial Pilot and Certified Flight Instructor with instrument, single- and multi-engine ratings. He serves as the Safety Officer, chair of the Safety Review Committee, Assistant Chief Flight Instructor and Check Pilot at SIU. He received his Ph.D. in Education - Workforce Education and Development from SIU Carbondale. He specializes and instructs in Aviation Human Factors for Pilots, Aviation Safety Management, and Safety Management Systems. A UAA member since 2007, he serves as chair of the UAA Safety Committee, and served as Treasurer.

Member at Large (one position, 3-year term)

A Member-At-Large Trustee is a person who is an individual voting member in good standing in the any category of membership. No two Trustees shall be from the same institution or organization.

Candidates:



John Blum

Lone Star College

John Blum is the Director of the Aviation Pilot Program at Lone Star College. He has a valuable array of professional experience. He retired from United Airlines after a 33-year career. He was recently awarded the FAA's Wright Brothers Award for 50 years of service to aviation.



Alaba Idowu

Eastern New Mexico University

Alaba Idowu is the Aviation Programs Director/Instructor at Eastern New Mexico University. A summa cum laude graduate of the Embry-Riddle Aeronautical University with a master's degree in Aeronautical Science, he also possesses FAA CPL with Instrument and Multiengine ratings, Flight Instructor Certificate with Airplane Single- and Multiengine and Instrument ratings.

Educator Trustee (two positions, 3-year terms)

An Educator Trustee shall be a person who is a voting member in good standing in the Institution, Academic or Emeritus membership categories and a faculty member or administrator at a college or university, which is an Institutional Member of UAA. No two Trustees shall be from the same institution or organization.

Candidates:



Stephanie Brown

Purdue University

Over 7 years of demonstrated history in program management of Safety Management System (SMS) at the 1st US validated airlines with 121 and 91 operations. With an additional 4.5 years focused on higher education implementation of SMS in lecture and lab courses.



Cody Christinsen, PhD

South Dakota State University

Dr. Cody Christensen is an Associate Professor in the School of Education and Human Sciences at South Dakota State University. He holds an Ed.D. in Adult and Higher Education from the University of South Dakota. Cody maintains currency in the aviation program and holds an Airline Transport Pilot Certificate and FAA flight instructor ratings. He has been a member of UAA for over ten years and actively participates in different committees within the UAA organization.



Matt Romero

Southern Illinois University - Carbondale

Matt Romero is an Associate Professor of Aviation Management in the School of Aviation at Southern Illinois University Carbondale where he teaches research methods, communications, and management theory to undergraduate students. Matt's research agenda focuses fatigue and diversity to improve the educational experiences of the students in SIU Aviation.



Douglas Williams, PhD

Community College of Baltimore County

Dr. Douglas Williams is Professor and Aviation Program Director, Community College of Baltimore County. He holds a Ph.D. in Education from Capella University, and an M.S. in Management Information Systems, as well as ratings as an Airline Transport Pilot, an Active Gold Seal Flight Instructor, and is an FAA FAASteam Member. He holds over 7,000 hours of civilian and military flying. Dr. Williams is a retired Colonel, US Air Force, and the author of several aviation books, including Mountain Flying and Aircraft Leasing, Importing

and Exporting Aircraft.

Industry Trustee (two positions, 3-year terms)

An Industry Trustee shall be a person who is an individual voting member in good standing and a full-time employee of a company, government agency, or officer of a non-profit organization, which is an Industry member of UAA.

Candidates:



John DeLeeuw

American Airlines

John DeLeeuw is a Captain on the 787 Dreamliner and Managing Director Safety for American Airlines (AA). He plans and manages the AA Corporate Safety Department's efforts to support AA's commitment to be the world leader in airline safety. John also teaches for the USC's Aviation Safety and Security course.



Dristin Rose

United Airlines

Dristin is a graduate of Southern Illinois University Carbondale with a B.S. in Aviation Management where he was a Flight Instructor and Lecturer. Dristin has served as the Director of Pilot Training at Boutique Air and is most recently an Airbus Instructor at the United Airlines in Denver, CO.



Martin Rottler

Delta Airlines

Martin Rottler is the Leading Strategy Specialist for Delta's Reservation and Customer Care division and founder of the P-56 Group. Mr. Rottler served as Manager, Partnerships and Outreach for Envoy Air, and a Lecturer and Industry Relations Coordinator for the Ohio State University. Member of UAA since 2010, he served as chair of the Flight Education Committee, an Educator Trustee, and Secretary for the Board of Trustees. He serves on the Board of Directors for NGPA and as an appointed member of two Transportation Research Board committees. Martin holds a Bachelors degree and a Masters degree from the University of North Dakota.



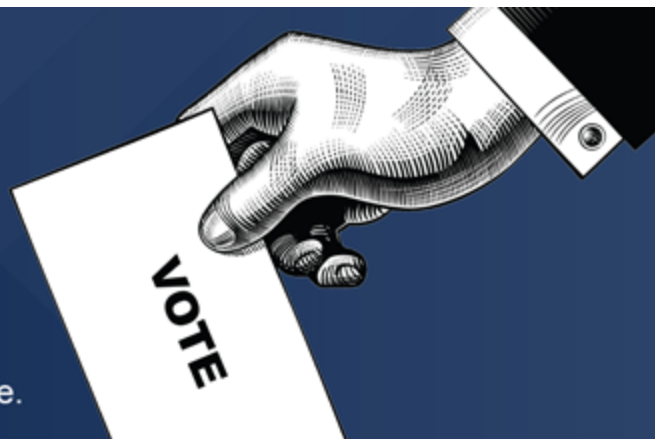
Mark Taylor

US Aviation Academy

Mark Taylor, MBA – Current UAA Industry Trustee, active member of the Chickasaw Nation and principal of US Aviation Academy founded 2006 and partnered with United Aviate, Southwest 225 and Envoy. US Aviation is the training provider for Southeast Missouri State University, Dutchess College, Tarrant College, Lone Star College & Liberty.

To participate in the UAA 2022 Election:

1. Go to uaa.aero
2. Log in to your membership account
3. Click 'Engagement'
4. Click 'Elections'
5. Click the link to view the ballot and cast your vote.





Happy Labor Day

from



September 5, 2022

Learn, Network, Connect

The annual collegiate aviation conference is the premier gathering place for college and university educators focusing on the collegiate aviation industry. It includes presentations from government agencies, university professionals, research-based programs, safety professionals, and those committed to best practices in aviation education in aviation in the college and university environment.

Attendees include university administrators, professors, faculty, and students from across the disciplines of flight, aviation maintenance, ATC, dispatch, avionics, safety, unmanned ariel systems, airline, and airport management.

This conference is a tremendous opportunity for you to meet and reach out to leaders who are the forefront of improving the quality of aviation education. Exhibitors and participants will have the chance to network during the three-day event. The conference is held October 4-7, 2022 at The Antlers Hotel Colorado Springs, CO.

Full Registration Includes

- 3 days of education sessions, workshops, & keynote speakers
- Admission to the exhibit hall
- 3 Refreshment breaks in the exhibit hall
- 4 days of morning coffee
- Educational Tours - Tuesday (AM and PM)
- 3 networking receptions - Wednesday, Thursday, & Friday evening
- Awards Banquet Thursday (limited seating available)

Spouse Pass for social networking events

An enjoyable time for non-attending companions of full registration conference attendees and speakers. Admission to education sessions is NOT included. **\$199 Fee**

Spouse Passes Includes:

- Refreshment breaks in exhibit hall
- Education Tours - Tuesday
- Morning coffee Tuesday - Friday
- Evening receptions Wednesday - Friday

Workshop & Safety Infoshare

Wednesday, Safety Infoshare & workshops ONLY \$150. No walk-in/registration will be offered for Safety Infoshare.



How to Register

Online: https://www.memberleap.com/members/evr/reg_event.php?orgcode=UAA&evd=29717497

**Join us at the Antlers Hotel in Colorado Springs
for incredible conversations with aviation
educators and industry experts as we gather to
celebrate 75 years of collegiate aviation.**



Stacey Bechdolt

Aviation Attorney
Air Lines Pilot Association, Intl



John DeLeeuw

Managing Director of Safety
and Efficiency
American Airlines



Greg Phillips

Director of Aviation
Colorado Springs Airport



Dillon Small

Peak Performance Center
United States Air Force
Academy



Mark E. Smith

National Commander
Civil Air Patrol



John Tomjack

VR Flight Training
United States Air Force
Academy



Collegiate Aviation Education Conference & Expo

October 4-7, 2022



SCHEDULE

TUESDAY • OCTOBER 4

0745-1400	EduTours (off-site) <i>*limited availability - USAFA</i>
1215-1530	EduTours (off-site) <i>*limited availability - Challenger Shuttle or Air Museum</i>
1600-1830	BOARD OF TRUSTEES MEETING (open to all members)

WEDNESDAY • OCTOBER 5

0800-1330	Registration Opens
0830-1600	Safety Infoshare
0900-1130	Professional Development Workshops
1130-1230	Committee Chairs Luncheon (chairs & board members only)
1200-1700	Exhibitor Move-In
1230-1430	Professional Development Workshops
1500-1700	Professional Development Workshops
1630-1700	First Time Attendee Social
1700-1800	WELCOME TO COLORADO RECEPTION

THURSDAY • OCTOBER 6

0700-1330	Registration Opens
0800-0900	Opening Keynote Session
0900-1600	Exhibit Hall Open
1000-1100	Committee Meetings - Session A
1130-1300	ANNUAL AWARDS BANQUET <i>*limited availability, ticket required</i>
1130-1445	Education Session
1545-1645	Education Session
1700-1800	NETWORKING RECEPTION

FRIDAY • OCTOBER 7

0700-1330	Registration Opens
0700-0750	Past-Presidents Breakfast <i>*by invitation</i>
0800-0900	Keynote Panel
0800-1500	Alpha Eta Rho Conference Student Program
0900-1500	Exhibit Hall Open
1000-1100	Committee Meetings - Session B
1130-1245	Education Session
1130-1300	Executive Leadership Luncheon <i>*by invitation, ticket required</i>
1330-1430	Education Session
1330-1430	Membership General Session
1445-1545	Education Session
1600-1645	CLOSING RECEPTION

University Aviation Association

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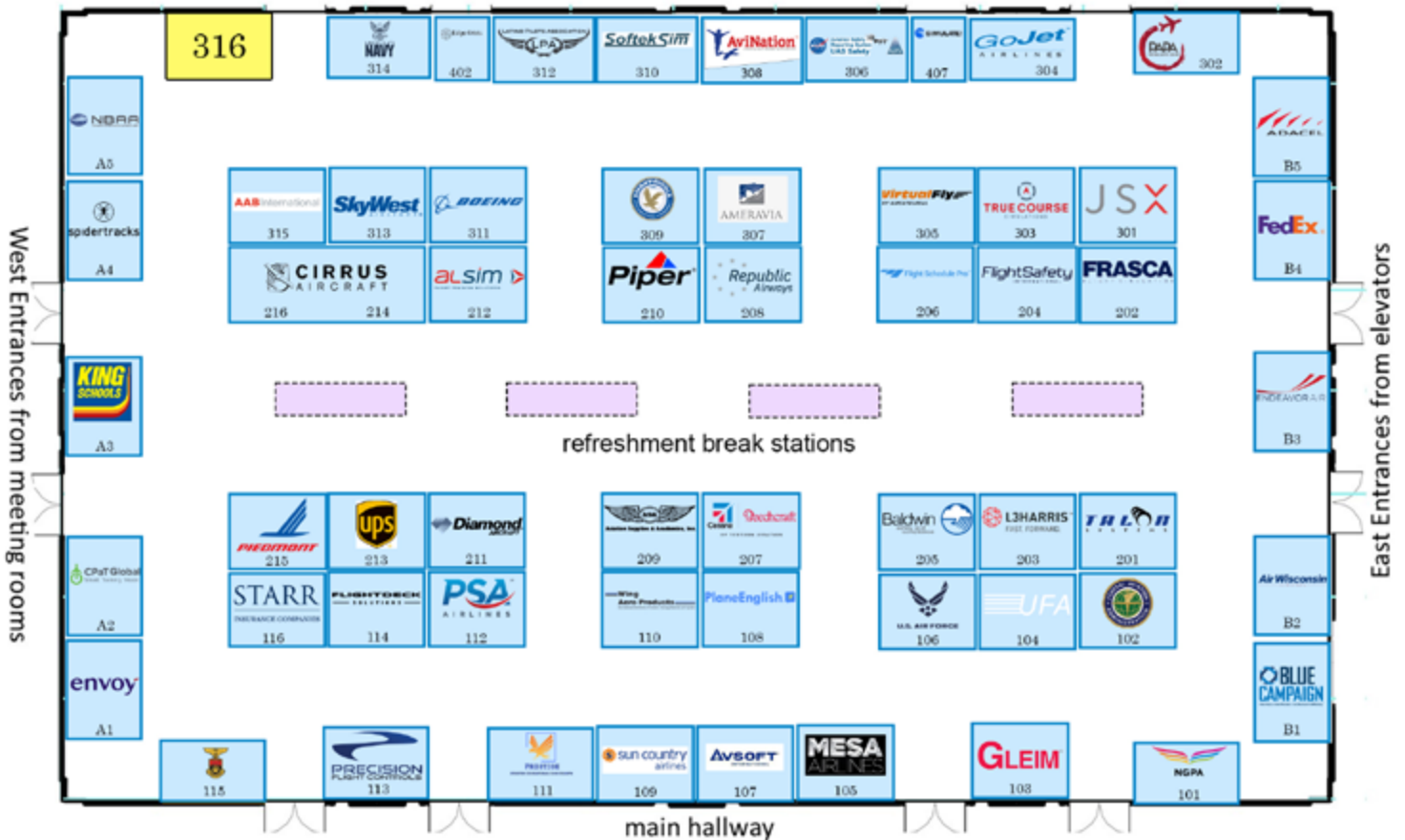


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HELP CELEBRATE UAA'S 75 YEARS!

LIVE SILENT AUCTION DONATION FORM

**All silent auction donations fund UAA scholarships.*

SILENT AUCTION DONATIONS NEEDED!

The University Aviation Association will hold a Silent Auction during its Collegiate Aviation Education Conference & Expo in Colorado Springs. Proceeds from the Silent Auction will benefit the UAA Endowment Fund for scholarships and educational programs.

If you or your organization would like to donate one or more items to the Silent Auction, please mail or e-mail this completed form to be received by **September 16, 2022**. Donated items can be hand delivered to Missy Reece at the UAA Conference Information Desk **October 4, 2022**.

SUGGESTED ITEMS INCLUDE THE FOLLOWING

Although not required, aviation-themed items normally spark a lot of enthusiasm among bidders.

Flight Bags	Corporate Apparel
Luggage	Airline Tickets
Gift Certificates	Electronics
Model Aircraft	Gift Baskets
University Apparel	Golf equipment

***DEADLINE FOR SHIPPING TO MEMPHIS IS SEPTEMBER 16, 2022**
OR

***Hand-deliver to registration counter in Colorado Springs**

HOW TO MAKE A DONATION

Please email a copy of this completed form to hello@uaa.aero **AND** place a copy of the completed form in the box with the donated item. Mail to University Aviation Association, 8092 Memphis Ave Millington, TN 38053.

Donor's Name

Name of Contact

Telephone

Address

City/State/Zip

E-Mail

Item to be Donated

Estimated Retail Value

Short Description

NEED MORE INFORMATION

Would you like more information about the conference? For questions or help with registration contact (901) 563-0505 or address your questions to hello@uaa.aero. Visit us on the web at www.uaa.aero.



**Collegiate Aviation Education
Conference & Expo** **October 4-7, 2022**

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Educational Tours Included with Registration

Tuesday, October 4

AM Tour

Tour A



USAFA VR Immersion

**limited seats*

Load: 7:45 am

Depart: 8:15 am

**box lunch included*

Return: 2:00 pm

Attendees will be able to experience real-world flight training and scenarios in the immersive, high-tech, virtual reality simulators used in the Air Force Academy's Airmanship Program. This program provides all cadets an opportunity to experience aviation, regardless of their schedules or career goals. A similar approach to aviation training is currently being used by ERAU-Daytona. The simulators augment future airmen's real flight training with personalized virtual reality training, allowing them to learn and perfect their skills and knowledge before they take to the skies. The Academy's virtual reality simulators have already been shown to increase cadets' flight readiness and performance. Do you have what it takes to "fly" in one of these state-of-the-art simulators?

PM Tours

Tour B



Challenger Shuttle Mission to Mars

**limited seats*

Load: 12:15 pm

Depart: 12:30 pm

Depart: 3:00 pm

Return: 3:30 pm

The year is 2076. A handful of facilities have been established on Mars, including a greenhouse, a mobile geological survey base, and a centralized research habitat. The primary human habitat is not on Mars, but on one of its moons, Phobos. A large shuttle regularly ferries astronauts and scientists between the base on Phobos and the surface of Mars. This shuttle, or Mars Transport Vehicle (MTV), carries parts to build a remotely operated vehicle (ROV) to continue the search for the evidence of life and water. However, when crew members discover an imminent threat to their MTV and the Martian surface facilities, they must act quickly to save their stations, their research, and their lives.

Tour C



Peterson Air & Space Museum

**limited seats*

Load: 12:15 pm

Depart: 12:30 pm

Depart: 3:00 pm

Return: 3:30 pm

Guided Tour. Peterson Space Force Base houses the Aviation Museum store, theater, and exhibits pertaining to early Colorado Springs aviation, WWII Peterson Field, and the Colorado Springs Airport Historic District. The Old City Hangar is the oldest structure, built in 1928, and retains all its original features. Inside, exhibits showcase the air defense of North America. Early generation satellites, the Cheyenne Mountain Operations Center, radar displays, and transitional fighter-interceptor aircraft highlight the intense Cold War climate. An ICBM exhibit features a Peacekeeper re-entry Vehicle shroud, and an underground launch control center simulator used to train missile combat crews. Our airpark is anchored by 3 of the 4 original City of Colorado Springs' municipal airport buildings.

CONTACT LAURA SWANSON TO RESERVE YOUR SPOT

(901) 563-0505 • lswanson@uaa.aero

Three Polytechnic Aviation Students Earn ISTAT Scholarships



Three students in Purdue Polytechnic's School of Aviation and Transportation Technology (SATT) have been named recipients of 2022 scholarships from the ISTAT (International Society of Transport Aircraft Trading) Foundation. Romulo Gutierrez, senior in aeronautical engineering technology, Divya Nittur, senior in aviation management, aerospace financial analysis and business communications, and Alexander Paskill, senior in aviation management, will each be awarded \$15,000 to \$20,000.

The ISTAT Foundation works to support programs that foster interest in, create opportunities for, and provide assistance to the global aviation community. The foundation's scholarship program supports that goal by providing financial support to academically qualified students.

Yi Gao, associate professor of aviation technology, worked with colleagues and alumni last year to begin a collaboration with ISTAT. In 2021, two graduate students in aviation and aerospace management and an undergraduate student majoring in unmanned aerial systems were Purdue's ISTAT scholarship recipients.

Earlier this year, Gao encouraged students in the Polytechnic's aviation-related programs to apply for the

scholarship. He invited alumni and ISTAT ambassadors to offer information sessions for students, helped to polish drafts of students' scholarship applications, and ensured that applications were submitted before the due date.

"Considering the strong competition that exists among global institutions for ISTAT scholarships, this represents a huge success for our students," said Gao. "We look forward to continuing our strong working relationship with ISTAT."

Connor Duchon (BS aviation technology & finance '17) and Katie Minarik (BS aeronautical engineering technology '18, MS aviation and aerospace management '19) both served as ISTAT ambassadors. Duchon and Minarik "contributed enormously to our program," Gao said.



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our members to the larger community. To get started, download available from Google Play and the iTunes App Store.

Aviation Career Day

Saturday, October 22, 2022 • 9:00am - 3:00pm

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Building a UAS Safety Program



How Airports Could Become Green Energy Power Stations



A new report compiled for SITA looked at the potential for direct air carbon capture at airports including London Luton and SFO.

In a first-of-its-kind study, researchers at Cranfield University have focused on carbon emissions stemming from the operations at airports. Specifically, they have identified opportunities for airports to become green energy 'power stations' by utilizing carbon capture, utilization, and sequestration (CCUS) technologies. The CO₂ harnessed through direct air carbon capture, rather than stored, could be used to fuel the planes operating out of the airport.

However, if such green airports are to become a reality, there will need to be millions of pounds dedicated to technologies to support this, particularly relating to direct air carbon capture (DAC). Meanwhile, together with the production of green hydrogen and sustainable aviation fuel (SAF) production, this technology would help forward the UK's 'jet zero' strategy. Captured carbon could be used together with green hydrogen and renewable energy to produce what is known as Power-to-Liquid (PtL) fuels.

An example of broader industry collaboration

The report was compiled for SITA, one of the leading IT service providers for the aviation industry. It looked at emissions and other data from 2019 from London Luton Airport (LTN), Aberdeen Airport (ABZ), Indira Gandhi International Airport (DEL), and San Francisco International Airport (SFO).

Cranfield University is a specialist postgraduate university that, among other facilities, hosts the Digital Aviation Research and Technology Centre (DARTeC). The consortium advancing digital aviation technology includes Blue Bear Systems Research, Boeing, Inmarsat, the International Air Transport Association (IATA), the IVHM Centre, Saab, the Satellite Applications Catapult, and Thales, among others.

The university's Net Zero Research Airport project was recently awarded £3.1 million (\$3.77 million) in funding from the UK Research Partnership Investment Fund (UKRPIF) Net Zero pilot funding scheme. The funds will benefit research at DARTeC and the Aerospace Integration Research Centre (AIRC).

Meanwhile, Dr Chikage Miyoshi, a co-author of the report lead for the university's new Sustainable Aviation Systems Laboratory, said,

"The case airports involved in this report recorded CO₂ emissions in the range of 50 to 100 kilo tonnes of CO₂ per annum. This indicates the potential of direct air capture in an airport environment. A combination of integrating renewable green hydrogen technology with DAC and SAF could be the ideal solution for achieving true net zero. This all requires long-term investment and strong leadership alongside an integrated energy policy and incentive scheme to facilitate such changes."

Head of Sustainability at London Luton, David Vasquez, commented on the research,

"This collaboration provides timely, valuable insight into carbon capture and storage technologies and innovations, some of which we will explore further as we develop our evolving net zero roadmap. Although we recognise there will be some emissions that we cannot reduce in the short-term, London Luton Airport is committed to achieving carbon neutrality in 2023 and net zero for airport operations by 2040. This study is an example of the way in which LLA is working with the wider industry to look at the potential of emerging carbon capture technologies".

The report looked at the potential for six different types of CCUS engineering-based solutions. It also examined combining these with more, by now, traditional ways of mitigating/offsetting CO₂ emissions, such as tree planting and wetland restoration.

Dr. Carlos Kaduoka, Head of Airport Business Strategy, SITA, also commented on the report,

"SITA is committed to reducing its climate impact and building a more sustainable air transport industry. Contributing to the research by Cranfield University is one example of our collaborative industry approach to exploring new ways to help decarbonize the industry and reach net-zero emissions."

The report is called *The viability of Carbon Capture at Airports using Innovative Approaches* and will be published on the university's website towards the end of next month.



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WELCOME NEW UAA MEMBERS

Academic Professional

Gajapriya Tamilselvan, Saint Louis University
 Stephanie Brown, Purdue University
 Jeffrey Mathews, Hallmark University
 Chuyang Yang, Eastern Michigan University

Student

Trent Long, The Ohio State University
 Jiayu Liu, Purdue University
 Kyle James, Purdue University
 Sophia Guerriero, Marywood University
 Jayden Walker, Manvel High School
 Cole Terrell, Auburn University
 Matthew Jesse, Marywood University

University of Nottingham’s Aerospace Programme Commits £3.8m to SMEs

The University of Nottingham has awarded more than £3.8 million in funding as part of its Aerospace Unlocking Potential (UP) programme, after announcing another round of funding for four Midlands-based businesses.

Designed to help smaller companies develop new technologies and solutions to make aviation greener, Aerospace UP, a £20m programme, is being delivered by the University of Nottingham and the Midlands Aerospace Alliance (MAA), supported by the European Regional Development Fund and Midlands Engine.

The programme not only provides funding for projects but also offers SMEs with unique access to industry experts, academic support, and facilities that might otherwise have been unattainable.

Professor Pat Wheeler, head of Power Electronics in the Faculty of Engineering at the University of Nottingham, said: “We are very excited to open the university up to businesses at this critical time where the industry has been affected by three waves of disruption – Brexit, Covid and climate change.

“With Aerospace UP, we have created a new and accessible way to offer innovation support to companies throughout the supply chain, who historically would not access the facilities and extensive range of expertise at the university. This is a pivotal time for the industry, and we hope that we can make a difference to the future prosperity of the sector, the region and the country through this initiative.”

Martha King Presented with the FAA Wright Brothers Master Pilot Award at 2022 AirVenture in Oshkosh



Martha is the recipient of the FAA Wright Brothers Master Pilot Award. The FAA is still researching this, but Aviation Safety Airworthiness FAAS Team Program Manager Ken Kelley, said during his presentation that “John & Martha might be the only or certainly one of just a few couples to be awarded the Master Pilot designation.”



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DELTA STATE UNIVERSITY
COLLEGE OF BUSINESS AND AVIATION

Wichita State partners with US Military for Third Digital Twin Project



Wichita State's National Institute for Aviation Research and FirePoint Innovations Center hosted and invited key Kansas figures to the WSU campus for the announcement of a new digital twin: the AH 64 Apache Aircraft.

This digital twin project is the third between Wichita State and the US military. A digital twin is a virtual representation of a real-world entity or system.

"We see digital transformation as a way forward not only for our university but also all of Kansas," WSU president Rick Muma said. "Work in producing digital twins, for our nation's armed forces is an important component of the diversification of our state's economy, and improving the overall efficiency and sustainability of military aircraft."

Muma also referenced the applied learning experiences tied with the partnership.

"This digital twin program is a valuable driver for applied learning experiences in multiple disciplines," Muma said. "For our students here at the university, training them on tomorrow's technology and preparing them for the careers and workforce needs of the future."

Senator Jerry Moran attended the panel and said that the digital twin project will be beneficial to Kansas and the entire nation – not just the military or Wichita State.

"Our warfighters, the members of our military, the members of the Army are going to be safer and more secure in doing their jobs and performing their tasks and protecting us," Moran said. "Secondly, the taxpayers are going to be better off because the use of digital twinning, allows for the equipment to be better maintained and to be improved and replaced and restored in a much more cost-effective way."

The panel concluded with a ribbon-cutting ceremony.

"Great things are happening here, and these great things can make America safer and more secure," Moran said.

FAA Moves Secondary Flight Deck Barrier Requirement Forward



The U.S. Department of Transportation's Federal Aviation Administration (FAA) has proposed requiring a second barrier to the flight deck on certain commercial airplanes. The additional barrier would protect flight decks from intrusion when the flight deck door is open.

"Flight crews keep us safe when we travel to visit loved ones, explore new places and conduct business. They, too, deserve to be protected, and this rulemaking is an important step forward," U.S. Transportation Sec. Pete Buttigieg said.

The proposed rule requires aircraft manufacturers to install a second physical barrier on airplanes produced after the rule goes into effect and used in commercial passenger service in the United States.

"Each additional layer of safety matters. Protecting flight crews helps keep our system the safest in the world," FAA Acting Administrator Billy Nolen said, a helicopter pilot and former commercial airline captain.

Last year, the Biden-Harris Administration put the secondary flight deck barrier on its priority rulemaking list. During 2019 and 2020, the FAA worked with aircraft manufacturers, labor partners and others to gather recommendations that are included in today's proposal. The Administrative Procedures Act requires FAA to follow the full rule-making process for this mandate that Congress included in the 2018 FAA Reauthorization Act.

In September 2021, The Air Line Pilots Association, International (ALPA), the world's largest non-governmental aviation safety organization that represents 60,000 pilots at 36 U.S. and Canadian airlines, renewed their call for federal regulators to issue a final secondary flight deck barrier regulation which had been mandated by Congress nearly three years prior.

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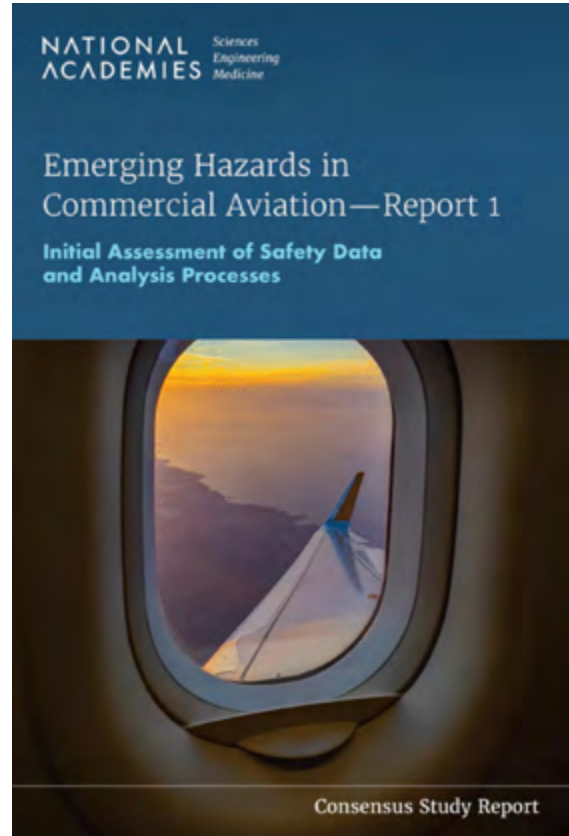
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Emerging Hazards in Commercial Aviation—Report 1: Initial Assessment of Safety Data and Analysis Processes

Transportation Research Board of the National Academies of Sciences, Engineering, and Medicine releases Emerging Hazards in Commercial Aviation: Report 1 – An Initial Assessment of Safety Data and Analysis Processes

nap.nationalacademies.org is the first of six reports over the next 10 years to be issued on commercial aviation safety trends in the U.S. The work is supported by the FAA, with help from Mitre.

Commercial aviation safety in the United States has improved more than 40-fold over the last two decades, according to industry statistics. TRB and the National Academies are studying ways that continue to improve factors that impact aviation safety in the face of new technologies, climate change, and workforce needs.



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Bessemer's Aerospace and Aviation Charter School Set to Open



Alabama Aerospace and Aviation High School (AAHS), a new, free public charter school dedicated to educating the aviation and aerospace leaders of tomorrow, is set to open its doors on August 22.

The aviation-focused public charter school curriculum will be aligned to meet the industry standards. In addition to hands-on, experiential instruction, AAHS will provide clearly-defined pathways for students to enter aviation and aerospace careers.

“Our students learn in rigorous classrooms that are engaging

and technologically advanced,” AAHS founder Ruben Morris stated. “AAHS students also develop complex technical skills through real-world learning opportunities facilitated by industry professionals in the workplace. We prepare students to be successful in college, the military, and the larger aerospace, defense and aviation industry.”

Morris further said, “We have developed bridge-building partnerships across higher education and the aviation and aerospace industry that will create unique opportunities for students to gain real-world experience and industry-recognized credentials before they graduate high school.”

The goal for the charter school is to use Alabama’s existing aviation and aerospace industry to prepare students for careers.

The school is currently available to 9th and 10th-grade students for the inaugural year. It is free to attend and will be located on the campus of Fountain of Life Church at 1414 2nd Ave North in Bessemer.

AAHS will serve students from Bessemer but also from the surrounding communities.

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Angelo State University Joins Southwest Airlines' Pilot Recruitment Program

Angelo State University and Southwest Airlines have announced ASU as a university partner in the airline's Destination 225 pilot recruitment program, which will provide ASU commercial aviation students a defined pathway to become competitively qualified for career opportunities with Southwest Airlines.

On a compass, 225 is the southwest directional heading, and the Destination 225 program was developed to lead aspiring pilots to Southwest Airlines. ASU is just the sixth university partner to join the program since its inception in 2019.

ASU President Ronnie Hawkins Jr. and the Vice President of Flight Operations for Southwest Airlines, Lee Kinnebrew, announced the partnership agreement Wednesday, Aug. 3, on the ASU campus.

"We are honored for Angelo State to partner with Southwest Airlines' Destination 225 Program," Hawkins said. "As a Hispanic Serving Institution, we recognize the opportunity a partnership like this presents for all our students to become pilots and aviation professionals, but especially minorities and women who are underrepresented in both the commercial and military aviation industry. This is another great step in achieving both our vision and mission at Angelo State of being an innovative leader in initiatives that provide graduates who are competitive on a global stage."

"We're thrilled to welcome Angelo State University as a partner in Southwest's Destination 225 Program," Kinnebrew said. "We continue our work of opening career pathways for the next generation of professional pilots, and we look forward to supporting students as they train, gain flight experience and develop into competitively qualified Southwest first officer candidates in the years ahead."

As early as their sophomore year, ASU students in the Bachelor of Commercial Aviation (B.C.A.) - Flight Operations degree program will be able to apply for Destination 225. If they are accepted and fulfill all the requirements, upon graduating from ASU they will enter a career pathway toward Southwest Airlines that includes:

- Acting as ASU flight instructors for the year following their graduation
- Upon completing the flight instruction time, eligibility to be hired at one of Southwest Airlines' partner carriers
- After building flight experience at the partner carrier, consideration for pilot positions at Southwest Airlines

Collaboration with Academia Moving Army Aviation into the Future



WICHITA, Kan. — The U.S. Army Aviation enterprise is collaborating with Wichita State University's National Institute for Aviation Research to develop an Apache Digital Twin in a contract that kicked off with an event on July 29, 2022.

The Apache Digital Twin program follows the Black Hawk Digital Twin, which took an existing helicopter apart and scanned each part to create 3D models. It's a laborious process, but one that is necessary to continue moving the aviation enterprise from its current 2D, document-driven engineering practices, to the use of modern 3D digital engineering practices, to supporting the transition to Future Vertical Lift's entirely digital design, and to sustaining the enduring fleet.

"We have to speed up the Army's transition to 3D digital engineering practices," said Maj. Gen. Walter "Wally" Rugen, director for the Future Vertical Lift Cross-Functional Team. "The aviation enterprise needs to start now establishing the processes, tools and training methods required to transition and cultivate a relevant workforce from the industrial age to the digital era."

The Black Hawk and Apache digital twin programs will help:

- Provide the military with models and methods to increase the robustness of the supply base
- Create digital work instructions
- Train new engineers and maintainers in a virtual environment
- Create a pathway for exposure and training in digital engineering principles



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UVU Where in the World are You: Oshkosh



<https://www.youtube.com/watch?v=BHe2eSHmABM>

UVU School of Aviation students and faculty jetted over to Oshkosh, Wisconsin July 25-31 during the AirVenture air show, an annual gathering for everyone in the aviation industry. There, UVU Aviation set up a booth to recruit UVU's future aviation students.

In addition to helping recruit others to UVU, UVU aviation students were recruited themselves, getting face-to-face contact with big names in the aviation industry — Boeing, Delta, American Airlines, etc. — who will be their future employers.

Watch and see how engaged learning experiences like Oshkosh help UVU students prepare for gainful employment.

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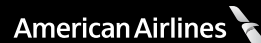
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Mandeville High student graduates from elite U.S. Navy Summer Flight Academy



La'Donte Buckhanan, a student at Mandeville High School in Mandeville, LA has completed an intensive eight-week U.S. Navy Summer Flight Academy aviation program at Delaware State University in Dover, DE, receiving his FAA Private Pilot's License and five college credits. The program took place from June 12-August 5.

Buckhanan was one of just 20 high-performing 11th and 12th-graders from throughout the United States selected for the elite program, which was established in 2021 by Vice Admiral, Kenneth Whitesell, Commander, Naval Air Forces (CNAF) to increase diversity in Naval aviation. The Navy partners with select universities throughout the country to provide the flight training to the participating students. The cost of the program is approximately \$24,000/student, but is offered at zero cost to the student and with no obligations.

The Department of the Navy sponsors the Summer Flight Academy program for students participating in Navy and Marine Corps Junior Reserve Officer Training Corps. The program is a new STEM initiative that was selected for funding by the Naval STEM Coordination Office – located at the Office of Naval Research – which oversees investments in STEM education, outreach and workforce initiatives.

“The goal of the scholarship program is to expose exceptional minority students to a career path that currently lacks diversity,” says Commander Chris “Frozone” Williams, a Navy fighter pilot, instructor, and former Director of Diversity, Equity, and Inclusion at CNAF. “La'Donte Buckhanan has what it takes to be a leader in the field of aviation, and the Navy is honored to have played a part in his personal and professional journey.”

During the Summer Flight Academy, he passed the FAA written exam, completed 36.5 flights hours, including multiple solo flights, and earned a FAA Private Pilot's License and five college credits.

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UCF’s Perla Latorre-Suarez Named Among Best Aerospace Graduate Students in the World

UCF’s Perla Latorre-Suarez ’21 is among the most promising graduate students in the world who are likely to change the aerospace industry, according to Aviation Week Network.

The magazine and its partners — Accenture and Hexcel — this month announced their 20 Twenties Award Class of 2022. More than 80 students were nominated from around the world. The 20 winners were selected based on their academic excellence, STEM and leadership skills and innovative approach to problem solving.

The winners will get access to a network of technology hiring managers, some of the nation’s best faculty and industry experts who will help them begin to build a network of not only potential employers, but some of the greatest minds working to solve critical problems facing the aviation and space industries.

Latorre-Suarez — who is pursuing a master’s in aerospace engineering at UCF — is one of only two Florida recipients who share the honor with students from Duke, MIT and Purdue, among others.

“This is the first award I have won as a student,” says Latorre-Suarez, who earned a bachelor’s in mechanical engineering from UCF. “It will give me the opportunity to expand my academic and professional connections by networking with other professionals around the country. I will also be able to learn about the opportunities available in multiple industries and universities. I believe this will bring more ideas to solve the current technology challenges.”

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Department of Education

DEADLINE: September 13, 2022

AmeriCorps

Grant: FY 23 Volunteer Generation Fund ARP

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=342147>

National Aeronautics and Space Administration

DEADLINE: September 15, 2022

NASA Headquarters

ROSES 2022: Interdisciplinary Consortia for Astrobiology Research

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=340387>

Department of State

DEADLINE: September 15, 2022

U.S. Mission to Saudi Arabia

Grant: Saudi Young Leaders Exchange Program (SYLEP)

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=342105>

National Science Foundation

DEADLINE: September 19, 2022

Research Initiation Initiative

Computer and Information Science and Engineering (CISE) Research Initiation Initiative

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=340514>

Department of Education

DEADLINE: September 27, 2022

Grant: Office of Elementary and Secondary Education (OESE): School Choice & Improvement Programs (SCIP): Promise Neighborhoods (PN) Program, Assistance Listing Number 84.215N

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=341452>

Department of Education

DEADLINE: December 6, 2022

Office of Postsecondary Education (OPE): Higher Education Program (HEP): Basic Needs for Postsecondary Students Program, Assistance Listing Number 84.116N

= <https://www.grants.gov/web/grants/view-opportunity.html?oppld=336398>

Department of Defense

DEADLINE: December 14, 2022

Office of Naval Research

Grant: FY2023 Department of the Navy (DoN) Historically Black Colleges and Universities/Minority Institutions (HBCU/MI) Program

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=341556>

Dept of the Army - Materiel Command, Department of Defense

DEADLINE: April 30, 2024

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.html?oppld=316548>

National Science Foundation

DEADLINE: September 26, 2025

Grant: Improving Undergraduate STEM Education: Hispanic-Serving Institutions

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=341684>

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Tribal Colleges and Universities Program (TCUP)

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https://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf21595

National Space Grant Institution

DEADLINE: February 3, 2027

National Space Grant College and Fellowship Program

<https://www.grants.gov/web/grants/search-grants.html?keywords=college>

DOT – FAA Aviation Research Grants, Department of Transportation

DEADLINE: September 7, 2027

FAA Aviation Research Grants Program

<https://www.grants.gov/web/grants/view-opportunity.html?oppld=328902>



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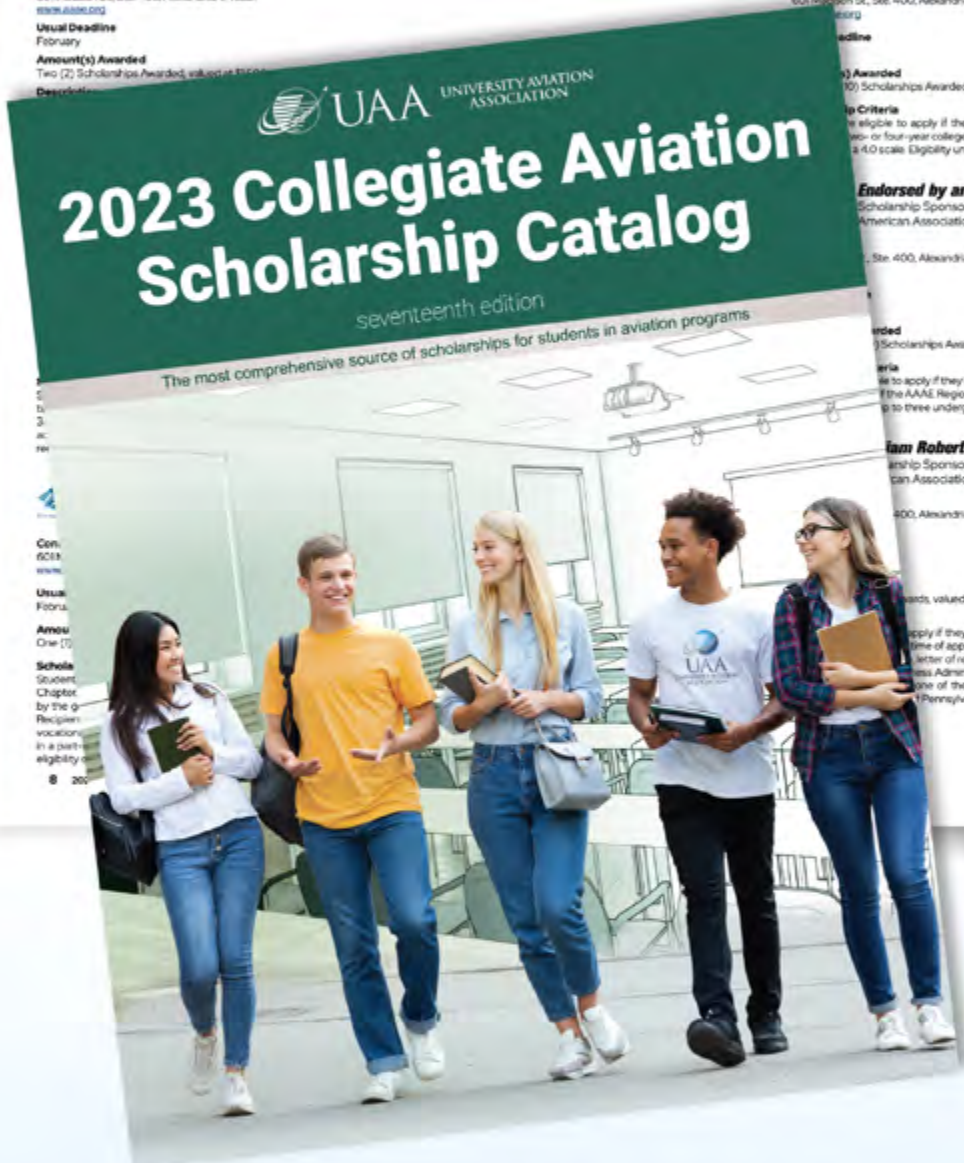
Scholarship Sponsor
American Association of Airport Executives (AAAE)

Contact
601 Madison St., Ste. 400, Alexandria, VA 22334
www.aaae.org

Usual Deadline
February

Amount(s) Awarded
Two (2) Scholarships Awarded, valued \$10,000 each and is non-renewable

Eligibility
Applicants must be eligible to apply if they are an Executive or Affiliate member of AAAE. These individuals must be full-time employees of a company at the time of application. Recipients will be selected based on AAAE membership status, academic achievements and a letter of recommendation, and submission of a personal statement. Applicants must be enrolled or planning to enroll in a Master of Business Administration (MBA), Executive MBA, or in certain Executive Education programs focusing on innovation and entrepreneurship at one of the following institutions: Harvard Business School, MIT Sloan School of Management, The Wharton School of Business, University of Pennsylvania, Stanford Graduate School of Business, or The University of Virginia Darden School of Business.



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Charleston Southern University invites applications for the Chair of the Department of Aeronautics. Charleston Southern seeks candidates who are professing Christians, committed to excellence in teaching, scholarship, and service. They should support the goals of a strong liberal arts education and be willing to explore with students the integration of faith and learning.

Qualifications: Minimum Requirements: Master's degree in aviation, aeronautics or a course of study relevant to duties OR an advanced academic degree (e.g. Ph.D., Ed.D., J.D.) with a strong aviation background; Federal Aviation Administration (FAA) CFI/II or AGI/IGI Certification; 300 hours or more of military or FAA CFI/II and/or MEI instructional time; and experience leading or managing a flight operation, either FAR Part 141-Certified Pilot or in the military.

Preferred Qualifications: Ph.D. in aviation, aeronautics, or a course of study relevant to duties; 5 years of experience teaching college classes as an adjunct, assistant, associate or professor; 1-year experience teaching FAA ground school courses in an FAA-Certified Part 141 Pilot School; experience representing a department or college within a collegiate faculty, administration or academic leadership system; experience developing strategy, building iterative development plans, program management and/or equivalent experience within the field of aviation; experience working with the FAA nationally and within South Carolina; experience working with or familiarity with the University Aviation Association, Aviation Accreditation Board International, and other national aviation and education related entities; familiarity with state, regional and national accreditation requirements, particularly with respect to collegiate aviation programs; ability to maintain professional and harmonious relationships with diverse populations; familiarity with foreign certification activities; and/or at least 2,000 Total Flight Hours in Pilot in Command, Command Military Pilot Rating, or FAA Airline Transport Pilot (ATP) certification.

Responsibilities: Work closely with the Dean of the College of Science and Mathematics to develop the annual budget, curriculum, and personnel requirements. Work closely with the Chief Instructor, flight training manager and the Dean of the College of Science and Mathematics to develop the annual strategic plan for flight operations. Oversee director of flight operations and overall execution of strategic plan. Oversee development, approval and execution of the flight operations budget and personnel. Oversee compliance with all applicable regulatory guidelines and university policy. Provide recommendations and implementations to the Dean College of Science and Mathematics for the enhancement of the flight operations facilities, equipment, employee training and laboratory safety practices. Oversee compliance with rules, regulations, and procedures relevant to FAR Part 141 certification.

Application Process: Candidates should complete the online application and attach a cover letter and curriculum vitae. Entering untrue or inaccurate information will result in disqualification for consideration of vacant positions or subsequent termination after hire. By completing this application, you are giving Charleston Southern University the authority to contact any person, educational institution, current or former employer, or company to disclose in good faith any information they may have regarding your qualifications and fitness for employment including, but not limited to, those you have listed in your application materials. Review of credentials will begin immediately. Minority candidates are encouraged to apply. Prior to a final offer of employment, the selected candidate will be required to submit to a background check including, but not limited to, employment verification, educational and other credential verification, criminal background check and reference check. Applicants who will drive for the University will be required to complete a background check on their driving record.

Located near historic Charleston, South Carolina, Charleston Southern University is a comprehensive institution offering a liberal arts curriculum to over 3,500 students and offers 60 majors and graduate programs in Education, Business, Criminal Justice, Organizational Management, Nursing, Christian Studies and Computer Science. The mission of the University is "promoting academic excellence in a Christian environment," and the vision is to be a Christian University nationally recognized for integrating faith in learning, leading and serving. Charleston Southern has nationally accredited programs in nursing, business, education, music and athletics. Charleston Southern is affiliated with the South Carolina Baptist Convention. For more information about the University, please visit www.charlestonsouthern.edu.

Charleston Southern University is a Christian university and tobacco-free campus. We do not illegally discriminate on the basis of race, age, color, national or ethnic origin, disability, sex, pregnancy, childbirth or related medical conditions (including but not limited to lactation), religion, genetic information, veteran or military status, or any other basis on which the university is prohibited from discrimination under local, state or federal law, in its employment or in the provision of its services, including but not limited to its programs and activities, admissions, educational policies, scholarship and loan programs, and athletic and university-administered programs. In order to fulfill its purpose, the university may legally discriminate on the basis of religion in employment. The university has been granted exemption from certain regulations promulgated under Title IX of the Education Amendments of 1972 which conflict with the University's religious tenets and core values.

Charleston Southern University

Chair, Department of Aeronautics

FACULTY Full-Time

Charleston, SC, US

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Southeast Missouri State University

The Department of Engineering and Technology

Instructor or Assistant Professor - Aviation

Cape Girardeau, MO

Southeast Missouri State University invites applications for a full-time Instructor or Assistant Professor of Aviation. The successful candidate will support and develop an aviation program in the Department of Engineering & Technology. Job responsibilities include but are not limited to: teaching undergraduate courses in aviation, maintaining a relationship with our flight training partner, develop relationships with the aviation industry and advising students and providing services to the Department, College and University.

For a complete job announcement and application procedure, visit: <https://www.schooljobs.com/careers/semoedu/promotionaljobs>

CAREER OPPORTUNITIES

University of Dubuque

The Aviation Department at the University of Dubuque is seeking an Assistant Chief Flight Instructor – Fixed-Wing. 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

The University of Dubuque is a private, Presbyterian, coeducational, professional university with a foundation in the liberal arts. Our commitment is to nurturing the mind, body, and spirit as well as encouraging students to explore their fullest potential, is part of a rich Christian identity that dates back to the University's founding in 1852. The Aviation Department manages three Aviation Programs that provide students with the academic and professional tools needed to success in all segments of the Aviation Industry.

To apply for the Assistant Chief Flight Instructor – Fixed-Wing position, please submit a cover letter, resume, three professional references, and UD employment application, located on our website (<http://www.dbq.edu/AboutUD/Employment>), to HR@dbq.edu or to the Director of Human Resources, at the University of Dubuque, 2000 University Avenue, Dubuque, IA 52001.

Applications from qualified persons with diverse backgrounds and cultures, including women and persons of color, are welcomed. AA/EEO

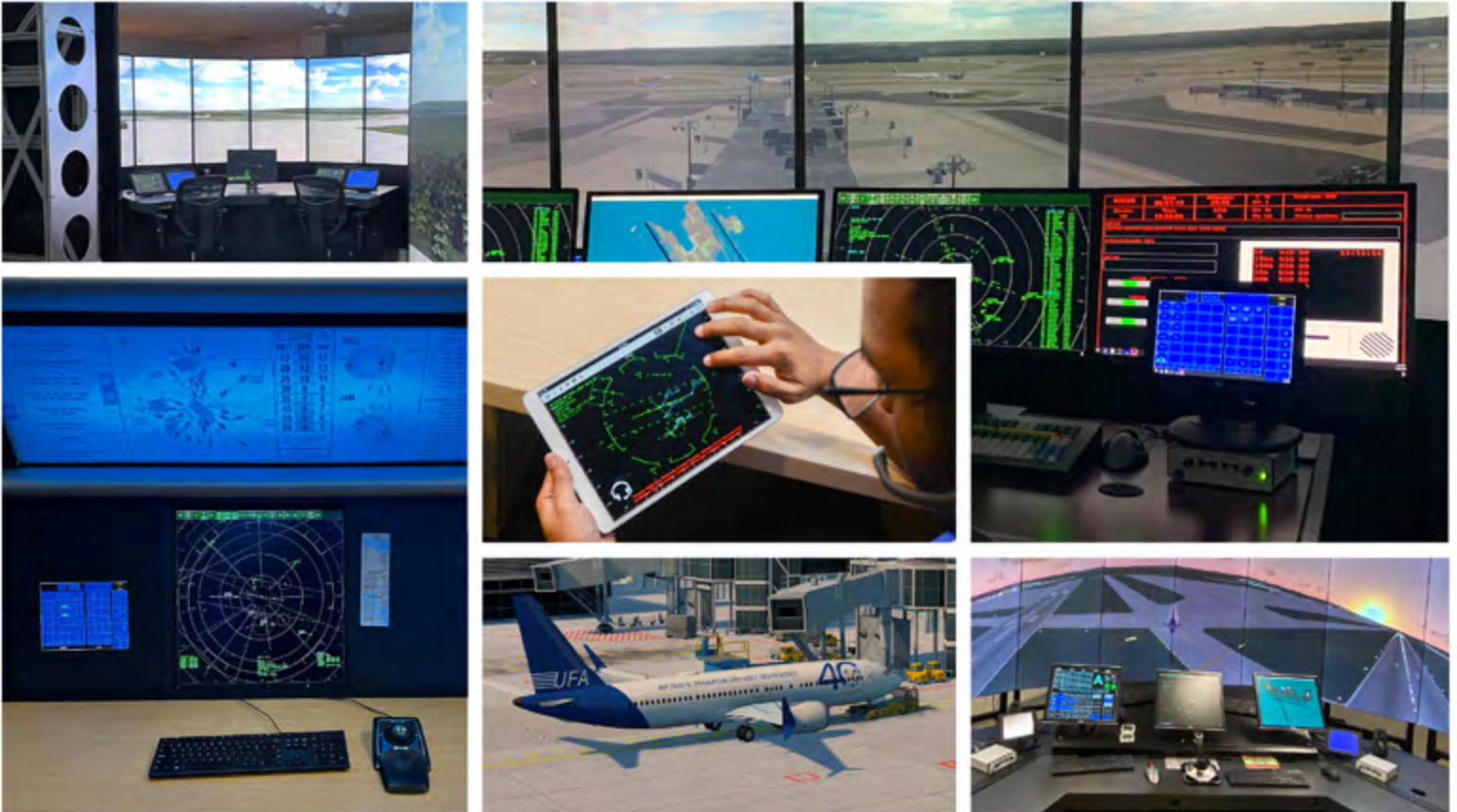
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Ozarka College

Chief Flight Instructor

Ozarka College seeks applicants for a Chief Flight Instructor. The Chief Flight Instructor, acting under the direction of the Director of Aviation provides leadership and oversight for flight training within the Associate of Applied Science in Aviation – Commercial Pilot and Associate of Science in Aviation – Professional Pilot program. This position is a 12-month position. The Chief Flight Instructor will assist the Director of Aviation with all compliance requirements of the FAR Part 141 standards and managing agreements with local facilities with the overarching goal to increase student enrollment and completion in the professional pilot program at Ozarka College.

Position Specific:

The Ozarka College Chief Flight Instructor responsibilities are as follows:

- Monitor compliance with local, state and federal regulations, accreditation standards, and audits.
- Manage the Aviation – Professional Pilot Program ensuring that all Federal Aviation Regulations (FAR) Part 141 standards are met.
- Certify student training records, graduation certificates, stage check and end-of-course test reports, and recommendation for course completion, unless the duties are delegated by the chief flight instructor to an assistant chief instructor or recommending instructor.
- Ensure that each certificated flight instructor or certificated ground instructor passes an initial proficiency check prior to that instructor being assigned instructing duties in the College approved training course, and thereafter that the instructor passes a recurrent proficiency check every 12 calendar months after the month in which the initial test was accomplished.
- Ensure that each student accomplishes the required stage checks and end-of-course tests in accordance with the College approved training course.
- Maintain training techniques, procedures, and standards for the College that are acceptable to the Administrator.
- Supervise full-time and part-time staff to include approving schedules and assignment of duties.
- Recruit, screen, interview, hire, and evaluate aviation part-time instructors.
- Evaluate the effectiveness of aviation instructors through observation, review of class records, and formal as well as informal class evaluations.
- Monitor the progress of student flight training to ensure safety and to increase enrollment and completion rates.
- Conduct flight instruction.
- Assist with student registration and advisement and participates in recruitment events.
- Work with Director of Aviation, Provost and faculty to develop appropriate course schedules.
- Prepare reports regarding student retention, status of flight accounts, and student progress to ensure program responsiveness.
- Establish and maintain a positive, effective working relationship with students, staff, faculty and institutional representatives.
- Perform other duties as assigned.

Minimum and Preferred Qualifications:

- Bachelor's degree in aviation or aviation related field with at least three (3) years of relevant aviation experience (corporate, air carrier, flight training, military aviation, etc.). All degrees must be from a regionally accredited institution.
- Hold all licenses required to be designated as Chief Instructor in accordance with 14 CFR 141.35(a) through 14 CFR 141.35(c) (MEI and ATP – Preferred).
- Knowledge and understanding of FAR Part 141 and 61 requirements and flight school operations.
- Minimum of 250 hours instructing in multi-engine aircraft strongly preferred.
- Possess excellent organizational and decision-making skills.
- Possess strong interpersonal skills and the ability to effectively communicate with a wide range of individuals and constituencies.
- Ability to exercise discretion and independent judgment in daily duties.
- Ability to read and clearly interpret documents such as safety rules, operating and maintenance instructions, and procedures.
- Ability to deal with regulators, respond to requests in a timely fashion, and maintain all records required.
- Ability to work in a multi-faceted environment with airport personnel, students, faculty, staff, administrators, advisory board members, and community stakeholders.
- Ability to work a flexible schedule that may include evening and weekend assignments.
- Knowledge and understanding of two-year college organization, goals and objectives, and policies and procedures preferred.

APPLICATION DEADLINE: Open until filled. Interviews will begin immediately

Salary is commensurate with education and experience. To apply, submit 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.

CAREER OPPORTUNITIES

Louisiana Tech University

Head & Associate Professor, Unit Head, Department of Professional Aviation

The University is seeking a Unit Head to lead our accredited collegiate aviation team. This is a 12-month, full-time faculty position that reports directly to the Dean, College of Liberal Arts.

The Department of Professional Aviation Unit Head provides leadership and oversight of the daily academic activities and Part 141 flight training operations conducted within the academic unit. The individual will work with faculty and staff to manage the Department and flight operation budgets to ensure compliance with all applicable regulatory guidelines and University policy. This individual will be responsible for approximately 6 faculty and 20+ staff. This individual will provide guidance and support toward continued reaffirmation of accreditation by the Aviation Accreditation Board International (AABI) and direction for the enhancement of the flight operations, facilities, equipment, employee training, and laboratory safety practices. The individual will also develop relationships with the aviation industry and foster opportunities to provide professional training opportunities with external partners. The Unit Head will teach five courses during the calendar year.

The Unit Head will serve as administrative and fiscal officer of the Department. He or she will represent the Department and its programs in the College as well as the University and the community at large. The Unit Head will coordinate teaching, curriculum, development, research, and service programs. The Unit Head will engage in teaching, scholarly research, outreach, and professional service activities commensurate with the position of Unit Head. He or she will serve as an effective liaison with the Dean's office and other academic units and will engage in other assignments as determined by the Dean of the College.

The Unit Head will also serve as primary leader of Department recruitment and admissions activities and preside over the selection of candidates admitted into the B.S. Professional Aviation and B.S. Aviation Management programs. The Unit Head will be the primary liaison with student families and alumni, and serve as an ex-officio member of the Department's Industry Advisory Board.

REQUIRED QUALIFICATIONS: Master's degree

OTHER REQUIREMENTS:

Broad understanding of the aviation industry, with specific experience in flight operations

Effective communication, organization, and administrative skills

Work well under high pressure and constantly changing conditions

Ability to multi-task, collect information, analyze data, define challenges, set priorities, and draw valid conclusions in a timely manner

Excellent computer skills: Microsoft Word and Excel especially, experience with flight operations dispatch/scheduling software preferred

No history of FAA certificate enforcement actions

Must be able to work varied hours during on and off campus events and be able to respond during aircraft emergencies.

APPLICATION: Interested and qualified persons are encouraged to send a fully detailed resume containing education, teaching and flight experience, and publications. The resume will suffice for an initial expression of interest. The review process will begin immediately, and applications will be accepted until the position is filled.

PREFERRED QUALIFICATIONS: Doctorate degree, experience as full-time faculty, and flight instructor/FAR Part 141 experience.

SALARY RANGE: D.O.Q.

HOW TO APPLY: A successful candidate's complete application package will consist of a letter of application describing how their professional history qualifies them for this position, current resume, contact information for three (3) current professional references that are familiar with the professional experience and qualifications of the candidate, and copies of all required certifications.

Screening of applications begins immediately and continues until the position is filled.

Background check required.

Louisiana Tech University is an equal opportunity employer of individuals with disabilities and protected veterans and actively seeks diversity among its employees.

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Southern Illinois University, Carbondale

Assistant Professor, Aviation Management Program

The Aviation Management program at Southern Illinois University Carbondale is seeking qualified applicants for an Assistant Professor position to contribute to the baccalaureate and master's degree programs. This is a nine-month, continuing, tenure-track appointment beginning August 16, 2022. SIU Aviation Management program is consistently ranked as one of the best in the nation. Learn more at <https://aviation.siu.edu/management/>

Required Qualifications: Master's in an aviation specific field with three (3) or more years of aviation work experience or three (3) or more years of postsecondary teaching.

OR

Master's in a non-aviation field such as management, education, communications, public administration with five (5) or more years of aviation work experience along with one of the following:

A. three (3) or more years teaching post-secondary aviation related courses

B. three (3) or more years teaching or training in the aviation industry

C. Ph.D. will substitute for post-secondary aviation teaching experience.

Applicants must be qualified to teach at least three of the aviation management courses listed above (see "Responsibilities") and must have demonstrated interest in and stated plans for aviation management-related research/scholarly activities.

Preferred Qualifications: Professional aviation industry certification.

An earned doctorate in aviation, transportation, public administration, education or business.

Evidence of aviation management-related research/scholarly activities.

Evidence of aviation-related professional service and/or professional membership in such organizations as the University Aviation Association (UAA), AAAE, or the Air Traffic Control Association (ATCA).

Responsibilities: The successful candidate will teach at least three of the following Aviation Management courses: legal aspects of aviation, air traffic control, national airspace systems, fiscal aspects of aviation, aviation labor relations, airport management and planning, international aviation. The successful candidate will also conduct research in the aviation management discipline leading to national presentations, peer reviewed publications, grants, and other scholarly activities, and engage in service activities in support of the University, the profession, and the community.

Application Deadline: April 1, 2022 or until filled.

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

Required Documents: To apply, upload letter of interest that identifies two courses you feel qualified to instruct; current vitae/resume, and names, addresses, and phone numbers of three references

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.

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- Aviation Management, B.S.
- Aviation Management—Flight, B.S.
- Aviation Meteorology, B.S.
- Aviation Meteorology—Flight, B.S.
- Aviation Human Factors and Safety, B.S.
- Aviation Human Factors and Safety—Flight, B.S.

Graduate Programs

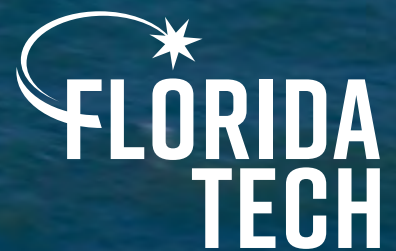
- Aviation Human Factors, M.S.
- Aviation—Airport Development and Management, MSA
- Aviation—Applied Aviation Safety, MSA
- Aviation—Aviation Management, MSA*
- Aviation—Aviation Safety, MSA*
- Human Factors in Aeronautics, M.S.*
- Aviation Sciences, Ph.D.
- Doctor of Aviation, Av.D.*

*Online program

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This position offers flexible hours and generous telecommute options. NBAA offers generous benefits, bonuses, and a collegial work environment in the heart of the nation’s capital.

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**National Association College Admission
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OCTOBER 7-8, 2022

Alpha Eta Rho
Colorado Springs, CO

OCTOBER 18-20, 2022

NBAA Conference
Orlando, FL

OCTOBER 24-26, 2022

National Training Aircraft Symposium
Daytona Beach, FL

NOVEMBER 1-3, 2022

RACCA Conference
Scottsdale, AZ

For questions contact (901) 563-0505 or address your questions to hello@uaa.aero

Visit us on the web: www.uaa.aero

University Aviation Association – 8092 Memphis Ave, Ste 132, Millington, TN 38053

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