



2020

June 2020

UAAConnect

— The Official Publication of the University Aviation Association —

Reminder:

Be sure to check out our updated industry calendar. Due to COVID-19, many events have either been rescheduled or cancelled.

UAA Board Member Becky Lutte Named to FAA Women in Aviation Advisory Board

by Brandon Bartling



Becky Lutte, PhD, associate professor within the Aviation Institute at the University of Nebraska at Omaha, and Educator Representative on the University Aviation Association (UAA) Board of Trustees, is among 30 industry professionals and experts named by U.S. Secretary of Transportation Elaine L. Chao to the newly formed Federal Aviation Administration (FAA) Women in Aviation Advisory Board (WIAAB).

The board was established by the FAA in October 2019 to develop strategies and recommendations to encourage women and girls to enter the field of aviation. The FAA recently announced the selections in a news release. A full list of board members can be found on the FAA website. Lutte was chosen from a pool of nearly 200 applicants to join the

board alongside aviation professionals and executives from major airlines and aerospace companies, aviation non-profit organizations, military, aviation trade schools and institutions of higher education.

John Bartle, PhD, Dean of the College of Public Affairs and Community Service, said her selection speaks to her experience and leadership in the field. "Becky Lutte has established herself as a national leader in the issues affecting women in the aviation industry," he said. "While it is an honor for her to be named to this board, I have no doubt that her service to our nation will be greater. This Board is poised to open the industry up to women and transform it forever."

One of the primary responsibilities of the WIAAB will be to compile a report on industry trends and supportive efforts impacting the number of women pursuing careers in aviation. This report will also include a comprehensive plan designed to create and enhance scholarship, training, education, and mentorship opportunities to ultimately boost the number of women working in the aviation industry.

"I am honored to have been selected and look forward to working with the board on this important mission," Lutte said. "The Women in Aviation Advisory Board is an exciting opportunity to develop strategies to enhance the number of women in aviation. I am ready to get to work."

UNO Aviation Institute Director Scott Tarry, PhD, said the honor was well-earned. "Becky Lutte has long been recognized for her leadership and advocacy for expanding the number of women working at all levels of the aviation industry. It is truly remarkable, yet not entirely surprising, that she would be called upon to be a voice for women in the industry at the national level. All of us at UNO's Aviation Institute are proud to have one of our own working side-by-side with many of the top women in aviation today."

Lutte's past research, including a collaboration with the Women in Aviation International and funded by the NASA Nebraska Space Grant, resulted in the Women in Aviation Workforce Report. "Women are underrepresented in many fields in aviation, with the greatest gaps in operations areas such as pilots and maintenance technicians," she said. "While there has been some improvement, the overall numbers have remained relatively stagnant and we can do better. We can build on the existing programs and efforts and explore new ways of looking at outreach and recruitment of women to share the exciting opportunities for women in aviation."

Aerospace Industry Mourns Passing of Aviation Icon Rudy Frasca



The International Aerospace community mourns the passing of Flight Simulation icon and aviation enthusiast, Rudy Frasca. Frasca passed away on May 11, 2020 at the age of 89. He died of natural causes.

Rudy was born on April 19, 1931 in Chicago, Illinois. He was one of six children of Anthony and Jenny Frasca. He and his wife Lucille (Matern) married in 1955 and moved to Champaign, Illinois where Rudy started his business and where they raised their eight children together.

Rudy Frasca founded Frasca International in 1958. The flight simulator manufacturer started his aviation career when he began taking flying lessons at the age of 14 and soloed shortly thereafter. In 1949, Rudy joined the Navy and was stationed at Glenview Naval Station, where he worked as a flight instructor teaching pilots on the early Link trainers.

After the Korean War, Rudy left the Navy to attend the University of Illinois, where he did research in Aviation Psychology and honed his interest in the field of flight simulation. The more he worked with that early generation of pilot training devices, the more he realized that there had to be a better way. In 1958, putting together everything he had learned in the Navy and the University, Rudy built his first flight simulator at home in his garage and Frasca Aviation was founded (the name later changed to Frasca International to reflect the emerging character of the business).

Over the years, Rudy collected many unique and antique aircraft, including a P-40, a Spitfire, a Wildcat, an SNJ, a T-34, a Fiat and a Zero replica. He loved all airplanes but had a special place in his heart for his Piper Cub. His love of grassroots aviation and passion for flying fueled the growth and success of his simulation company. In his flying days, Rudy was active in many aviation organizations and has loaned several of his aircraft to the EAA museum so that the general public can enjoy them.

Rudy was a benefactor for many aviation organizations and had a special place in his heart for collegiate aviation (NIFA, SAFECON & UAA). Numerous awards have been bestowed upon him for his personal efforts and the company's contributions to the simulation industry.

Although Rudy had a great love for aviation and much success in the industry, his true love was his wife Lucille who was always his strongest supporter. Rudy's greatest pride was his eight children and eighteen grandchildren.

Those who knew Rudy admired his friendly, outgoing personality, his sense of humor, his strong work ethic and his faith. He had a way of always looking for the good qualities in people. He treated others with respect and took great interest in getting to know people. Frasca employees knew he cared by the way he asked about them and took interest in their work. He had a quick wit and loved to laugh. Rudy was truly larger than life. His contributions to the aviation industry will not be forgotten. Fly West, Rudy!

Fly West, Rudy!

by Sam Pavel, PhD UAA President

Today I received a message from Peggy Prichard that her father Rudy Frasca had flown west. Rudy was a mentor, visionary and great supporter of the UAA. His line of simulators changed flight training and saved countless numbers of lives. But for me, what made Rudy special was his heart. I first met Rudy in the late 90's when he opened up his airport and factory for the first of many Sport Aviation Association fly-ins. He loved to share his passion for aviation and treated everyone like family. He inspired me to try homebuilding and for many years I would fly my Sonex to Urbana to talk airplanes, drink beer, and listen to tales of aviation adventures.

Rudy was a friend and advocate of the UAA. Every year a scholarship is awarded to deserving student in the name of his son Joe Frasca. The Frasca family and company are part of the foundation of UAA. Rudy will be missed and our thoughts are with his family and those whose lives he touched and inspired. Blue skies and tailwinds forever.



Rudy Frasca 1930-2020

— Student Poster Contest —

Student Research Poster Contest Continues Virtually

The UAA annual poster competition will continue this year as a virtual presentation with awards announced online. Winners will be announced on National Aviation Day, August 19th.

The poster competition provides both graduate and undergraduate students the opportunity to publish and share their research findings this year via the UAA website and newsletter.

All accepted entries will be posted in a public area of the UAA website for public viewing by members and the general public.

Abstracts must be less than 250 words and must include the following information with submission:

- Precise title of the research
- Topic area (i.e. Human Factors)
- Entrance category (undergrad or graduate)
- The author's university
- Full names and address(s) of authors for mailing awards

Money will be awarded to 3 submissions in both Graduate and Undergraduate student categories in the amounts shown:

- First place \$300
- Second place \$200
- Third place \$100
- All participants receive certificates of accomplishment.

Faculty authors may be listed as advisors or combined authors with students, and may be jointly published and displayed, however ONLY students are eligible to receive award money. If applicable, award money will be divided among a maximum of 3 authors. Posters submitted with more than three authors may be published, however, authors will NOT be eligible for award money.

DEADLINES:

Abstracts: **June 30, 2020**

Poster Submission: **June 10, 2020**

Winners to be announced August 19 as part of National Aviation Day.

Go to uaa.aero to participate.



UAA Hosts Safety Webinar COVID - Flying Under a New Paradigm

by Laura Swanson

170 safety professionals and flight training experts attended University Aviation Association (UAA) live webinar "COVID - Flying under a New Paradigm" presented virtually May 14, 2020.. With the combined effort of the UAA safety committee and FAA, attendees were able to hear from and ask questions to various experts from the UAA, FAA, GAMA, as well as experts in human factors and OSHA rules impacting flight training. The webinar was moderated by Paul Snyder from The University of North Dakota and Chair of the UAA Safety Committee.

These efforts are an extension of UAA's Flight Trainer Safety Infoshare where each year safety professionals and flight training experts come together at the Annual UAA conference to freely and confidentially discuss safety concerns in flight programs across the world. Working together, they identify solutions and learn from one another in a collective effort to reduce general aviation incident and accident rates.

The keynote speaker for the webinar was Warren Randolph. Mr. Randolph currently serves as the Executive Deputy Director for the Federal Aviation Administration's office of Accident Investigation and Prevention.

Presenters included:

William M Bossert, Division Manager, AFG-800, and Ricky Daniel, Manager, 142 Certificate Management Office, From the FAA. They presented on Flight Standards - Training deviations and exemptions.

Jens Henning, Vice President of Operations for General Aviation Manufacturers Association (GAMA), and Corey Stephens, Office of Accident Investigation and Prevention. They presented on Aircraft Manufacturers efforts as well as Aero Medical considerations to over the counter medications.

Dr. Scott Shappell, Professor of Human Factors and Systems, and Chair of the Department of Human Factors and Behavioral Neurobiology at Embry Riddle Aeronautical University. He presented on Human Factors Considerations and Preconditions to Unsafe Acts.

Justin Grillot, Environmental, Health, and Safety Director for Embry Riddle Aeronautical University, and an OSHA Authorized General Industry Instructor. He presented on OSHA Considerations related to Flight Operations.

Thanks to our sponsors:



August 19, 2020

**NATIONAL
AVIATION
DAY**

**#SpreadYourWings
#NationalAviationDay**

UAA.AERO



UAA Virtual Career Fair a Huge Success

by Laura Swanson

UAA held the first of many virtual career fairs on May 20th via the web. Our virtual career fair is designed to help you expand your airline knowledge while allowing you to meet multiple airline representatives – all from the comfort of your computer.

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, cadet programs, 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 3-hour session. Human Resource professionals, from six airlines and the military, contributed their time to reach out via EZTalks. More than 300 students and young professionals were in attendance, logging on from 11 countries across the globe.

We want to thank Air Wisconsin, Envoy Air, GoJet, Piedmont Airline, PSA Airlines, and the United States Air Force for being a part of the webinar. UAA would like to express a sincere heart-felt thanks to Piedmont Airlines for sponsoring the software necessary to connect all 300 participants.

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 lswanson@uaa.aero.

[June 10, 2020](#)

[July 8, 2020](#)

[Aug 12, 2020](#)

[Sep 9, 2020](#)

[Oct 14, 2020](#)

[Nov 11, 2020](#)

[Dec 9, 2020](#)

Much of the preparation for a virtual career fair is similar to the preparation for a live onsite event, but there are a few things to keep in mind:

Before a Virtual Career Fair

Register early.

Make sure that your device is charged up and operating properly, and that you have reliable internet connectivity. Research the participating airlines and ensure you are logged on before the speakers you want to hear – sometimes there are changes in time slots. Write down any questions you want to ask during the event.

During a Virtual Career Fair

Log on a few minutes early to double check your connection.

Treat every interaction like an interview.

Take notes.

Collect names and emails from contacts.

After a Virtual Career Fair

Organize your notes and/or jot down any additional thoughts.

Make note of anything that stood out about various employers or questions that were not answered while it's fresh on your mind.

Send a quick "thank you" email to any people with whom you interacted.

Follow-up by email with presenters

with the opportunities that were of the greatest interest to you. Thank them for their time and let them know you're interested in talking again about opportunities.

Participate in the Follow-up Survey

After the event, UAA will send a satisfaction survey, complete the survey. Individuals completing the survey will receive a free copy of the 2020 Collegiate Aviation Scholarship Listing.



Be sure to check out our next Virtual Airline Career Fair! Click the link below to register for the event. Also, go to uaa.aero for more upcoming events.

June 10, 2020 Virtual Airline Career Fair:

<https://www.eztalks.com/r/984040158>



New Director of Aviation at KSU Poly

The aviation program on the Kansas State University Polytechnic Campus has a new leader.

With more than 30 years of experience as a pilot, Gold Seal flight instructor, aviation mechanic, authorized inspector and educator, Terry Hunt has been selected as the director of aviation at K-State Polytechnic and will begin his role July 1. Previously, he served as an associate professor and chair of the University of Central Missouri's School of Aviation.

Hunt has a doctorate in aerospace education from Oklahoma State University, a master's in aviation safety from the University of Central Missouri and a bachelor's in aviation science from The College of the Ozarks.

After teaching at The College of the Ozarks as an associate professor and at the University of Central Missouri as an assistant professor, Hunt became the director of aviation at Oklahoma State University — a position he held for almost 10 years. He then taught aerospace at Middle Tennessee State University, followed by chair of the School of Aviation at the University of Central Missouri.



Wichita State University technology create virtual model UH-60L Black Hawk

by Wichita State University

Newswise — The US Army is turning to "digital-twin" technology from Wichita State University to resolve challenges and boost efficiencies for its enduring fleet of Black Hawk helicopters.

Through a partnership between the U.S. Army Aviation and Missile Command and Wichita State University, researchers at the National Institute for Aviation Research (NIAR) will create a virtual model of a UH-60L Black Hawk helicopter. Researchers will completely disassemble the airframes and capture a 3-D scan of each structural part, creating a virtual model – or digital twin – of the workhorse of Army aviation.

The project to create a digital twin and ultimately a catalog of the UH-60L parts, brings academic and industry partners into a collaboration that includes the Office of Secretary of Defense Strategic Capabilities Office, several Army organizations, including AMCOM, Army Futures Command and Program Executive Office-Aviation.

"It takes this team of teams' approach that will benefit not just the military but also academia and industry," Royar said. "As we embark on this effort, I recognize the hard work being done between and across organizations, and I'm excited about the great opportunities it means for all interested parties and, ultimately, for aviation readiness."



ECSU

Elizabeth City State University Chancellor, Dr. Karrie G. Dixon, named to the newly-formed U.S. Department of Transportation's Women in Aviation Advisory (WIAAB) board by U.S. DOT Secretary, Elaine L. Chao.

The WIAAB was established in October 2019 under the FAA Reauthorization ACT of 2018. The purpose of the WIAAB is to develop strategies and recommendations that would encourage women and girls to enter the field of aviation.

The 30 member board represents a diverse range of backgrounds and expertise, including major airlines and aerospace companies, nonprofits, business, education and more.

"I am honored to be a part of this impressive board, promoting women in aviation," said Chancellor Dixon. "ECSU's signature aviation program is intentionally addressing the need for more women in the aviation field and to be part of this national effort is an exciting opportunity for me, and for the university."

Chancellor Dixon was nominated for a seat on the board based on her leadership in building ECSU's aviation program.

ECSU offers the only four-year aviation degree in North Carolina, and she has overseen the expansion of ECSU's 11-plain fleet, and the creation of the university's unmanned aircraft systems degree program.



Embry-Riddle Engineers Design Solution for Possible Ventilator Shortage

With many hospitals struggling to accommodate an influx of patients due to the COVID-19 global pandemic, Embry-Riddle Aeronautical University engineers have come up with a simple, high-quality and affordable solution to a potential ventilator shortage.

Dr. Eduardo Divo, professor of Mechanical Engineering, started work in March to design a part that can convert a single-patient ventilator to one that can be used by multiple patients.

"Hospital-rated ventilators are powerful enough to be used for multiple patients simultaneously," Divo said. "So we took on the immediate task of producing flow splitters with fittings and regulators that can accommodate multiple patients."

Such parts, Y-shaped devices that can split the airflow from a ventilator to more than one patient, were originally fabricated using 3D printing. To improve the quality, Divo recruited Arka Das, a Ph.D. student in Mechanical Engineering, and Gary Alvey, the Mechanical Engineering Machine Shop supervisor.

Divo then shared the project design with students in his Biofluid Mechanics class, who have been studying the pulmonary system's gas exchange process and the corresponding mechanics of ventilators.

"Ventilators are based on a relatively simple technology, but with a lot of room for improvement," said Divo. "I will be surprised if some of our students aren't already thinking of how to make it work better."

For Divo's students, they remain eager to engage with course content that has a real-world impact.

"I think it is easier and more interesting to learn about a subject when you're able to relate it to daily life," said Tayluer Streat, a senior with a concentration in Biomedical Systems.

The flow splitters that the Embry-Riddle team designed, partially based on some dimensions from ventsplitter.org, can be produced in less than ten minutes per unit at a cost of \$5 each. Divo and his colleagues created the parts using two different methods. Some were "milled" from two PVC blocks, and others were made by "turning" a solid PVC rod and adding fittings.

The parts are intended for emergency-use only, Divo said. Although they could be mass-produced using a casting process, the production method devised by the Embry-Riddle team is probably more appropriate.

At the same time that the flow splitter design has been in the works, Divo is also leading a project to produce a portable, non-invasive ventilator for use on emergency patients in ambulances. That project has been on hold due to supply chain limitations, but Divo and Das have created designs that obviate the need for the part and are testing the new designs in their laboratory.

Divo said he sees both projects as examples of the many innovations that have come about because of the COVID-19 crisis.

"I see more and more players every day bringing their expertise to the table and making their own contributions," Divo said. "At the end of this, we'll probably look back at these efforts as success stories."



FAA Drone Training Initiative Announced: Providing the Skills the Industry Needs

A new FAA drone training initiative will certify institutions offering UAS programs and provide opportunities for collaboration with the agency. The program is a focused effort to match training with labor force needs, benefiting both the industry and students interested in a career in drones.

"The Federal Aviation Administration (FAA) today announced a new Unmanned Aircraft Systems Collegiate Training Initiative (UAS-CTI) that allows educational institutions and the agency to work collaboratively with students who pursue careers in UAS," says an FAA release.

The program will make it easier for students to identify qualified training opportunities – and will make it easier for them to find employment upon completion of their education. Certified institutions will "work with the FAA, other participants, general industry, local governments, law enforcement, and regional economic development entities to address labor force needs," says the announcement.

"Providing our nation's youth with educational opportunities is a major commitment of this administration," said FAA Administrator Stephen M. Dickson. "We see these institutions opening doors for students seeking careers in this exciting, growing field of aviation."



Airline and Airport Management Simulations
www.simulateaero

New Members

Student

Zachary Bell
Auburn University

Jake Wahlstrom
ERAU Worldwide

Bruce Carroll
Florida Memorial University

Yoochan Byun
Liberty University

Ryan Landry
Liberty University

Robin Schotter
Liberty University

Emilio Chavez
Metropolitan State University of
Denver

Aidan Adams
Oklahoma State University

Gatlyn Ligon
Purdue University

Abbigail Bredfield
Saint Louis University

Ashleigh Bick-Dawes
St. Louis University

Jesse Guillen Jr
Embry-Riddle Aeronautical
University

Jalil Lee
Florida Memorial University

Justin Neet
Embry-Riddle Aeronautical
University

Go to uaa.aero to become
a member.

Be sure to check out our new message board for Veteran Flight Training

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.

FAA Offers Information Sessions for College Professionals

The FAA Office of Civil Rights (ACR) 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

June 2 - 10:00 am - 12:00 pm

June 23 - 1:00 pm - 3:00 pm

July 28 - 10:00 am - 12:00 pm

August 25 - 1:00 pm - 3:00 pm

September 22 - 10:00 am - 12:00 pm

Link Registration: [https://2020faainfor-
mation-session.eventbrite.com](https://2020faainformation-session.eventbrite.com)

Resume Writing Sessions

June 2 - 1:00 pm - 3:00 pm

June 23 - 10:00 am - 12:00 pm

July 28 - 1:00 pm - 3:00 pm

August 25 - 10:00 am - 12:00 pm

September 22 - 1:00 pm - 3:00 pm

Link Registration: [https://2020faare-
sumewriting.eventbrite.com](https://2020faare-sumewriting.eventbrite.com)

Mock Interview Sessions

June 2 - 2:00 pm - 4:00 pm

July 28 - 2:00 pm - 4:00 pm

September 22 - 2:00 pm - 4:00 pm

Link Registration: [https://
2020faamockinterview.eventbrite.com](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!

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- Topic area (i.e. Human Factors)
- Entrance category (undergrad or graduate)
- The author's university
- Full names and address(s) of authors for mailing awards

Money will be awarded to 3 submissions in both Graduate and Undergraduate student categories in the amounts shown:

- First place \$300
- Second place \$200
- Third place \$100
- All participants receive certificates of accomplishment.

Faculty authors may be listed as advisors or combined authors with students, and may be jointly published and displayed, however ONLY students are eligible to receive award money. If applicable, award money will be divided among a maximum of 3 authors. Posters submitted with more than three authors may be published, however, authors will NOT be eligible for award money.

DEADLINES:

Abstracts: **June 30, 2020**

Poster Submission: **August 7, 2020**

Winners to be announced August 19 as part of National Aviation Day.



Pilot Program Takes Off at Southeast Missouri State University

The Southeast Missouri State University Board of Regents today approved a new Professional Pilot Bachelor of Science.

The program now goes to the Missouri Department of Higher Education and Workforce Development for review. Southeast hopes to begin implementing the program and admitting students in August with the program expected to launch in fall 2021.

"This is an outstanding opportunity for the University to stay on the leading edge of academic program innovation and to grow our enrollment," said Dr. Carlos Vargas, president of Southeast Missouri State University.

Vargas said that shortly after arriving in Cape Girardeau in 2015 he began talking to people, including the manager of the Cape Girardeau Regional Airport and visited the Cape Girardeau Career and Technology Center about a professional pilot program.

At about the same time, he was approached by Ken Jackson of Dexter, Missouri, who had a very similar idea. Jackson, state supervisor of instruction with the Missouri Department of Elementary and Secondary Education (DESE) and former superintendent of Dexter Schools, expressed to Vargas his keen interest in the development of a professional pilot program. Vargas and Jackson met to discuss their shared vision, and the program began to take shape.

"He had done a lot of research into a program and had already gathered a lot of information," Vargas said. "When we talked, we both realized we had the same goal, and we were both really excited about the program. He was a champion from the very beginning."

"I was aware of the fact that Ozark Technical College (OTC) in Springfield, Missouri, began a new aviation program in August 2017. When I reviewed their program, curriculum and facilities, it became apparent to me that Southeast Missouri State University and the Cape Girardeau Regional Airport, could offer everything that OTC provided," Jackson said. "Knowing there was going to be tremendous opportunities in aviation, and learning of Dr. Vargas' background and development of the Unmanned Aircraft Systems Program at SEMO, Dr. Vargas graciously agreed to discuss this with me," he said.

In addition to these conversations, University leaders, City of Cape Girardeau officials and other local proponents of a pilot program traveled to Minnesota State University, Mankato, last fall to tour and learn about their pilot program.

Dennis Vollink of Cape Girardeau, vice president of engineering and flight operations with Drury Southwest, participated in that tour. He's a commercial pilot with 10,000 hours of flying time and a retired military pilot.

"What we saw at Mankato State was impressive," he said. "I am very supportive both from an economic viewpoint and as it concerns the growth of the University," Vollink said. "This is a much-needed career field" and dovetails nicely with other high-tech programs Southeast has developed, including its Unmanned Aircraft Systems program.

UAA Scholarships

Eugene S. Kropf Scholarship

DEADLINE: June 30

One \$500 scholarship will be awarded.

Scholarship Criteria

Applicant must be a U.S. citizen. Applicant must be enrolled in and plan to continue a college curriculum leading to a two-year, four-year, or post-graduate degree in the field of aviation. Proof of enrollment must be provided prior to distribution of award. At the time of application, the applicant must be officially enrolled in a UAA member institution in an aviation-related program. Member must have completed 30 or more credit hours (or the equivalent for Sophomore status) at the UAA institution and must include the institution's UAA number with the application. No exceptions to this criterion. Credits must have been completed and on your transcript at the time of application. Applicant must have a cumulative undergraduate grade point average of 3.0 or above on a 4.0 scale. The completed application must be accompanied by a 250-word typed, double-spaced paper on "How Can I Improve Aviation Education". Please be direct and focused on the topic.

Contact UAA:

2787 North 2nd Street
Memphis, TN 38127

hello@uaa.aero

www.uaa.aero



Joseph Frasca Excellence in Aviation Scholarship

DEADLINE: June 30

Two \$2,000 scholarship will be awarded.

Scholarship Criteria

Evidence of excellence in activities, studies, events, organizations, etc., related to aviation. Minimum of a 3.0 overall grade point average. FAA certification/qualifications in either aviation maintenance or flight. Involvement in aviation activities, projects, events, etc.; which will demonstrate an interest and an enthusiasm for aviation. Must be a junior or senior, and currently enrolled in a University Aviation Association (UAA) member institution. Completed application form, essay and letter of reference.

Contact UAA:

2787 North 2nd street
Memphis, TN 38127

hello@uaa.aero

www.uaa.aero



Paul A. Whelan Aviation Scholarship

DEADLINE: June 30

One \$2,000 scholarship will be awarded.

Scholarship Criteria

The student must be U. S. Citizen, sophomore, junior, senior or graduate student. Must be enrolled at a University Aviation Association member institution in an aviation or space-related major. Community college and university applicants encouraged. Overall 3.0 GPA in Aviation Major coursework. Demonstrates a love of aviation.

Contact UAA:

2787 North 2nd Street
Memphis, TN 38127

hello@uaa.aero

www.uaa.aero



PIEDMONT

Piedmont Airlines Scholarship for Flight Training

DEADLINE: June 30

One \$3,000 scholarship will be awarded.

Scholarship Criteria

Applicants must be a U.S. resident, at least 18 years of age at the date of application, enrolled in a University Aviation Association member institution at the time of application, hold a current FAA private pilot certificate, and must be pursuing an instrument, multi-engine, or commercial pilot rating. Must be supported by an official recommendation letter from faculty.

Contact UAA:

2787 North 2nd Street
Memphis, TN 38127

hello@uaa.aero

www.uaa.aero



Scholarship Deadlines

Dottie Sanders Memorial Flight Scholarship

DEADLINE: June 30

Scholarship Criteria

A award to help fund flight training. Applicant must be a female, reside in San Diego, Riverside, Orange or Imperial counties OR be a member of any chapter of the Southwest Section of the Ninety-Nines, private pilot license applicants must have passed the written and soloed, if for an advanced rating/certificate, applicant must have Private certificate. Funds may be used to help fund Private Pilot training OR if a certified pilot applicant, may be used to fund training for the Instrument, Commercial, Multi Engine, or any Flight Instructor certificates. There is a 90 day limit to apply funds towards training.

Contact

2090 N Marshall Ave.
El Cajon, CA 92022
www.sd99s.org

Phoenix Chapter Ninety-Nines Scholarship

DEADLINE: June 15

Scholarship Criteria

Applicants must be a female U.S. Citizen, resident of the state of Arizona, possess a student pilot certificate.

Contact

10755 W. Belmont Ave.
Glendale, AZ 85307
www.phx99s.org

Duane Moorer Scholarship

DEADLINE: June 2

Scholarship Criteria

Minimum Applicant Requirements: 2.5 or better GPA. A high school senior accepted into a two or four year aerospace degree program. 250 word written essay on "The importance of giving back." Two letters of recommendation from a teacher(s) and/or current OBAP member(s).

Contact

1 Westbrook Corporate Center, Suite 300
Westchester, IL 60154
www.obap.org/duane-moorer-scholarship

Edward Horne Scholarship

DEADLINE: June 2

Scholarship Criteria

Minimum Applicant Requirements: 2.5 or better GPA. A high school senior accepted into a aerospace degree program. 250 word written essay on "The importance of giving back." Two letters of recommendation from a teacher(s) and/or current OBAP member(s).

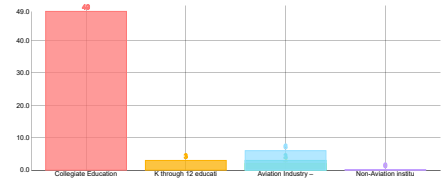
Contact

1 Westbrook Corporate Center, Suite 300
Westchester, IL 60154
www.obap.org/edward

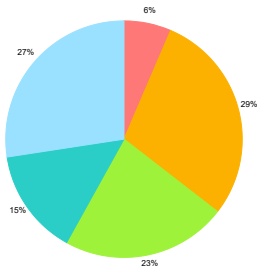
UAA Collegiate Aviation Education Conference & Expo **CANCELLED**

Events will be held virtually. Go to uaa.aero for more information on upcoming events.

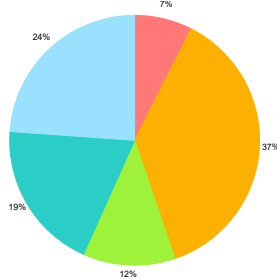
Type of organization or institution



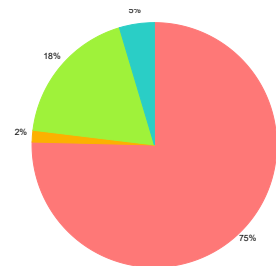
If the UAA Collegiate Aviation Conference & Expo is held as originally planned (September 30 - October 2), what is the likelihood that you or others from your institution/organization will be able to attend?



Is your organization or institution currently restricting your budgets or the ability for you to spend money on conferences or other travel plans?



Is your organization or institution currently restricting your work-related travel plans?





SAFETY WEBINAR

Please see the link below to view the **recording** of
the **UAA Safety Webinar**
COVID - Flying Under a New Paradigm.
Check our website **www.aaa.aero** for more safety webinars.

<https://www.eztalks.com/uc/open/v2/VtzkW-isLmEHD6rYkdJYFA==>



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.

Salary: Competitive salary commensurate with qualifications and experience.

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.

Southern Utah University Assistant Professor of Aviation

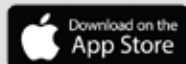
Positions: Southern Utah University in Cedar City, Utah, is seeking applications for a non-tenure track Assistant Professor of Aviation in support of the successful and rapidly growing Department of Aviation Sciences.

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.



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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.



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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.

This is a nine-month term, tenure track positions will begin August 12, 2020. Applicants should include a resume/CV and a cover letter discussing aviation experience as well as academic qualifications that demonstrate a fit with the department and position.

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

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.

University of Alaska Anchorage

Term Instructor/Assistant Professor

The University of Alaska Anchorage (UAA) Community and Technical College (CTC) is a major center for development and delivery of career, technical, community, workforce and continuing education programs. In keeping with the mission of the University of Alaska (UA), CTC is committed to innovation and flexibility ensuring high quality education and training is available to all who have the ability and interest to pursue an education leading to a life-long profession. The UAA Aviation Technology Division (ATD), within the CTC, represents the latest in aviation education technologies in a large facility with state-of-the-art classrooms and labs. The mission of the ATD is to enhance, promote, and provide quality aviation education, research and service worldwide. The ATD offers a Bachelor's degree with emphasis in Aviation Administration or Professional Piloting as well as Associate degrees in Aviation Maintenance, Air Traffic Control, Aviation Administration, and Professional Piloting. Additionally, two Undergraduate Certificates are offered in Aviation Maintenance Technology (AMT) program and the division offers a Minor in Aviation Technology.

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.

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.

Internships

BWI Marshall Airport Announces College Internship Program

Baltimore/Washington International Thurgood Marshall Airport is accepting applications for the 2020 paid summer internship program for college students. The initiative will provide students with the opportunity to develop knowledge and skills while gaining real-world experience in a professional work environment. The 10-week summer program, June 3 to Aug.12, will consist of on-the-job experience, leadership development, and networking skills.

"This unique training experience is designed to enhance the professional development of college students," said Ricky Smith, executive director of BWI Marshall Airport. "We want to help prepare students for successful careers while inspiring them to consider careers in the aviation field."

Ten positions will be available. Applicants must be currently enrolled in an undergraduate degree program at an accredited college or university. Students are required to have a grade point average of 2.5 or higher to qualify and must be able to complete and pass all pre-employment screenings. The internship program will offer a salary of \$19.32 per hour.

2020 Industry Event Calendar

June 15 - 19

AIAAA Forum
Virtual Event

August 19

National Aviation Day
U.S.A.

September 15

Commercial UAV Expo
Las Vegas, NV

September 30 - October 2 **CANCELLED**

UAA Collegiate Aviation Education Conference & Expo
Saint Petersburg, FL

October 6 - 8

NBAA BACE
Orlando, FL

October 14 - 16

IAWA
Charleston, SC

October 20 - 23

RACCA
Scottsdale, AZ

November 8 - 10

AOPA High School Aviation STEM Symposium
Orlando, FL



Be sure to check out our next Virtual Airline Career Fair! Click the link below to register for the event. Also, go to uaa.aero for more upcoming events.

June 10, 2020 Virtual Airline Career Fair:

<https://www.eztalks.com/r/984040158>



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.

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Got News?

Your UAA colleagues want to hear from YOU. Did you get promoted or receive an honor at your university? Tell us how presenting, attending a program, or receiving a scholarship helped you.

Share with UAA.

Send us a note to hello@uaa.aero and we will get it on Facebook or in the next newsletter. Photos are welcomed!

Career Op Ads

Let the University Aviation Association help! Advertise your open positions in our monthly electronic newsletter and our website for 90 days. To place an ad contact UAA at hello@uaa.aero.

Full Page

Words per Page: 850

Member: \$285

Standard: \$385

Half Page

Words per Page: 450

Member: \$185

Standard: \$285

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Words per Page: 225

Member: \$100

Standard: \$210

UAA Updates

2020 Membership Rates:

Institution: \$575

Professional: \$100

Student: \$30

Corporate: \$695

Associate: \$225

UAA Extends Memberships during COVID-19 for 120 days for any member scheduled to renew between February-August.

For questions contact 901.563.0505 or address your questions to hello@uaa.aero

Visit us on the web: www.uaa.aero

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