



HIGH SCHOOLS
POWERED BY AOPA

2019 UNITED AIRLINES AOPA HIGH SCHOOL AVIATION STEM SYMPOSIUM

Presented by Boeing

SUNDAY, NOVEMBER 10, 2019

10:00 a.m. - 5:30 p.m.	U.S. Air Force Academy Tour (advance registration required) Departing from DoubleTree by Hilton Denver
2:00 - 7:00 p.m.	Symposium Registration Open (DoubleTree by Hilton Denver)
4:00 - 7:00 p.m.	Exhibit Area Open (DoubleTree by Hilton Denver)

MONDAY, NOVEMBER 11, 2019

7:00 - 8:00 a.m.	Symposium Registration (DoubleTree by Hilton Denver)
7:00 - 8:30 a.m.	Breakfast, Exhibit Area Open (DoubleTree by Hilton Denver)
7:45 - 8:45 a.m.	Shuttles to United Airlines Flight Training Center IMPORTANT NOTICE: <i>The United Airlines' security team requires you to check-in and depart from the DoubleTree by Hilton Denver on the shuttles provided by AOPA. Parking IS NOT available at the United Airlines Flight Training Center. Shuttles will be running throughout the day, the schedule is provided below. **</i>
9:00 - 10:15 a.m.	OPENING GENERAL SESSION Providing Leadership in Flight Training Featuring Bryan Quigley, Senior Vice President, Flight Operations, United Airlines United Airlines has made significant investments towards the future in training for pilots and flight crew with the new, world's largest, state-of-the-art flight training center. With growing needs for pilots and the need to update training with new aircraft, find out how the airlines industry stays ahead of the power curve. MAS, United Airlines Flight Training Center (1st floor)
10:15 - 10:45 a.m.	AOPA's High School Initiative and Resources Featuring Elizabeth Tennyson, Executive Director, You Can Fly, AOPA It's never been easier to bring aviation into your high school classroom. Hear the latest on the wide range of resources AOPA offers to enhance your programs and engage your students, including flight training scholarships and free aviation STEM curriculum. MAS, United Airlines Flight Training Center (1st floor)
10:45 - 11:00 a.m.	NETWORKING BREAK
11:00 a.m. - 12:00 p.m.	BREAKOUT SESSIONS

AOPA's High School Aviation STEM Curriculum <i>MAS (1st floor)</i>	We Want You! <i>A220 (2nd floor)</i>	Civil Air Patrol Aerospace Education <i>B201 (2nd floor)</i>	Go Fly a Drone <i>B208 A (2nd floor)</i>	Partners in Flight <i>B208 B (2nd floor)</i>	United Airlines Flight Training Center Tour <i>Outside coatroom near MAS (1st floor)</i> <i>(advance registration)</i>
---	---	---	---	---	--

12:00 - 12:15 p.m.	NETWORKING BREAK					
12:15 - 1:00 p.m.	LUNCH MAS, United Airlines Flight Training Center (1 st floor)					
1:00 - 2:00 p.m.	GENERAL SESSION Aim Higher in Military Flying <i>Featuring Lt. Gen. Jacqueline Van Ovost, Director of Staff, Headquarters Air Force, U.S. Air Force</i> <p>What does the future of flight look like in the military, specifically the United States Air Force? How will flight training strategies and techniques shift to help address the current workforce demands for military pilots? Hear from a three-star general who formerly commanded the Presidential Airlift Wing.</p> MAS, United Airlines Flight Training Center (1st floor)					
2:00 - 2:15 p.m.	NETWORKING BREAK					
2:15 - 3:15 p.m.	BREAKOUT SESSIONS					
Museum Resources to Enrich Your Program <i>MAS (1st floor)</i>	Building Your Aviation Knowledge <i>A220 (2nd floor)</i>	Civil Air Patrol Aerospace Education <i>B201 (2nd floor)</i>	Dig Deeper: AOPA 9th Grade Curriculum Lab <i>B208 A (2nd floor)</i>	Partners in Flight <i>B208 B (2nd floor)</i>	United Airlines Flight Training Center tour <i>Outside coatroom near MAS (1st floor)</i> (advance registration)	
3:15 - 3:30 p.m.	NETWORKING BREAK					
3:30 - 4:30 p.m.	BREAKOUT SESSIONS					
Landing a Career in Aviation <i>MAS (1st floor)</i>	Fit to Fly? Medical Considerations for Pilots <i>A220 (2nd floor)</i>	Aviation Exploring <i>B201 (2nd floor)</i>	Dig Deeper: AOPA 10th Grade Curriculum Lab <i>B208 A (2nd floor)</i>	How to Pitch an Aviation Program to Your Administration <i>B208 B (2nd floor)</i>		
4:30 - 5:30 p.m.	Shuttles to DoubleTree by Hilton Denver**					
5:00 - 7:30 p.m.	Exhibit Area Open					
5:30 - 7:30 p.m.	Dinner Reception, Exhibit Area Open DoubleTree by Hilton Denver Autograph and photo opportunities with Ricky Arnold, Astronaut, NASA					

*Agenda subject to change.

**Additional shuttles will depart from the DoubleTree by Hilton Denver every 20 minutes to go to the United Airlines Flight Training Center from 9:00 a.m. to 4:30 p.m. on Monday, November 11.

TUESDAY, NOVEMBER 12, 2019

7:00 - 8:00 a.m.	Symposium Registration (DoubleTree by Hilton Denver)			
7:00 - 8:30 a.m.	Breakfast, Exhibit Area Open (DoubleTree by Hilton Denver)			
7:45 - 8:45 a.m.	Shuttles to United Airlines Flight Training Center IMPORTANT NOTICE: <i>The United Airlines' security team requires you to check-in and depart from the DoubleTree by Hilton Denver on the shuttles provided by AOPA. Parking IS NOT available at the United Airlines Flight Training Center. Shuttles will be running throughout the day, the schedule is provided below.**</i>			
9:00 - 10:15 a.m.	GENERAL SESSION Giant Leaps into the Future of Space Exploration <i>Featuring Ricky Arnold, Astronaut, NASA, and facilitated by Cindy Hasselbring, Assistant Director, STEM Education, Office of Science and Technology Policy, White House</i> Former science teacher and current NASA astronaut Ricky Arnold will share what it's been like to go from teaching in a classroom to a very different environment of working on the International Space Station. Ricky will share what NASA's next steps are in space exploration. MAS, United Airlines Flight Training Center (1st floor)			
10:15 - 10:45 a.m.	NETWORKING BREAK			
10:45 - 11:45 a.m.	BREAKOUT SESSIONS			
One Size Doesn't Fit All: Collegiate Aviation Options <i>MAS (1st floor)</i>	Building Your Aviation Knowledge <i>A220 (2nd floor)</i>	Fit to Fly? Medical Considerations for Pilots <i>B201 (2nd floor)</i>	Go Fly a Drone <i>B208 A (2nd floor)</i>	We Want You! <i>B208 B (2nd floor)</i>
11:45 - 12:00 p.m.	NETWORKING BREAK			
12:00 - 12:45 p.m.	LUNCH MAS, United Airlines Flight Training Center (1st floor)			
12:45 - 1:45 p.m.	GENERAL SESSION Ridesharing in the Sky—It's Closer Than You Think <i>Featuring Mark Moore, Director of Engineering, Vehicle Systems, Uber</i> What does urban transportation look like in 20 years? 10 years? The future is much closer than you think! Learn how urban air mobility and ride sharing will make public transportation three-dimensional and what must be developed to make it happen. MAS, United Airlines Flight Training Center (1st floor)			
1:45 - 2:00 p.m.	Closing and 2020 Symposium Announcement			
2:00 - 3:00 p.m.	Shuttles to DoubleTree by Hilton Denver**			

*Agenda subject to change.

**Additional shuttles will depart from the DoubleTree by Hilton Denver every 20 minutes to go to the United Airlines Flight Training Center from 9:00 a.m. to 2:00 p.m. on Tuesday, November 12.