



FAA Challenge

Smart Airport Student Competition

2021 Virtual Forum Agenda

TUESDAY, JUNE 22, 2021

- 11:00 – 11:10 am **Welcome & Introductions**
Shelley Spears, National Institute of Aerospace
- 11:10 – 11:20 am **Federal Aviation Administration Welcome and Opening Remarks**
Shelley Yak, Federal Aviation Administration
- 11:20 – 11:50 am **FAA Smart Airport Overview**
Jon Schleifer, Federal Aviation Administration
- 11:50 – 12:30 pm Lunch Break

Team Presentations

- 12:30 – 1:15 pm **“Applying UAS for Wildlife Hazard Management at Airports”**
Embry-Riddle Aeronautical University

Team Members: Anthony Chimino, Jose Cabrera, Matthew Schwarz (Team Lead), Nathan Woolf
Faculty Advisor(s): Prof. Flavio Mendonca (Lead Advisor), Prof. John Robbins, Prof. Ryan Wallace, Prof. Nickolas Macchiarella, Prof. Kevin Adkins

- 1:15 – 1:45 pm **Embry-Riddle Aeronautical University Q&A Session**

- 1:45 – 2:00 pm Break

- 2:00 – 2:45 pm **“Inspector Drover”**
Hampton University

Team Members: Ryan Ford, Julian Payne-Dillard (Team Lead), Ellis Woodyard, Myles Divinity, Monta Williams, Jr., Griffin Weathers
Faculty Advisor(s): Prof. Andrew Smith

- 2:45 – 3:15 pm **Hampton University Q&A Session**

- 3:15 – 3:30 pm Break

- 3:30 – 4:15 pm **“ARKE: The Situational Intelligence Platform for Rapid Emergency First Response”**
Rowan University

Team Members: Matthew Guardiani, Cole Kirstein, Brandon Carmosino, Steven Jiang, Matthew Schofield, John Stranahan, Benny Liang, Brandon Graham (Team Lead)
Faculty Advisor(s): Prof. Hong Zhang (Lead Advisor), Prof. Ratneshwar Jha

- 4:15 – 4:45 pm **Rowan University Q&A Session**

- 4:45 – 5:00 pm **Wrap-Up & Adjourn**

Day 1 of the FAA Challenge Virtual Forum will be live streamed at <https://livestream.com/viewnow/faachallenge>.

All times are in Eastern Daylight Time (EDT).



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WEDNESDAY, JUNE 23, 2021

- 12:00 – 12:15 pm **Day 2 Welcome**
- 12:15 – 12:45 pm **Poster Session**
- 12:50 – 1:20 pm **New Jersey Aviation Innovation Hub**
Lauren Moore, President of the Atlantic County Economic Alliance (ACEA)
- 1:20 – 1:50 pm **“Accelerating Your Business Growth”**
Carole Mattessich, Executive Director, Smart Airport and Aviation Partnership (SAAP)
- 1:50 – 2:00 pm Break
- 2:00 – 2:45 pm **Roundtable Discussion: “Aviation’s Next Golden Age: Launching Your Career in Aviation and Aerospace”**
- Abigail Glenn-Chase, Director of Programming and Communications, Air Traffic Control Association (ATCA)
 - Ronicsa Chambers, ATO Diversity and Inclusion and FAA HBCU Initiative
 - Ariel Scheirer, Principal, Scheirer Group
- 2:45 – 3:25 pm **FAA Personal Journeys**
Dr. Angela Campbell and Lyndsay Digneo
- 3:25 – 3:50 pm **“My Journey to the FAA and a Pandemic”**
Dr. Anthony Tvaryanas, Manager of the Aerospace Medicine Research Division, FAA
- 3:50 – 4:00 pm Break
- 4:00 – 4:30 pm **FAA Challenge Panel Discussion**
2021 FAA Challenge Steering Committee Members
- 4:30 – 4:50 pm **2021 FAA Challenge: Smart Airport Student Competition Award Ceremony**
Presented by Shelley Yak
- 4:50 – 5:00 pm **Closing & Adjourn**

Day 2 of the FAA Challenge Virtual Forum is private and will not be live streamed.
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