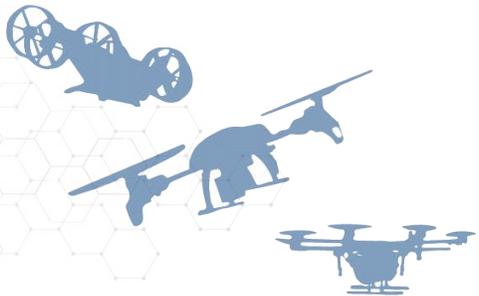**Federal Aviation Administration**
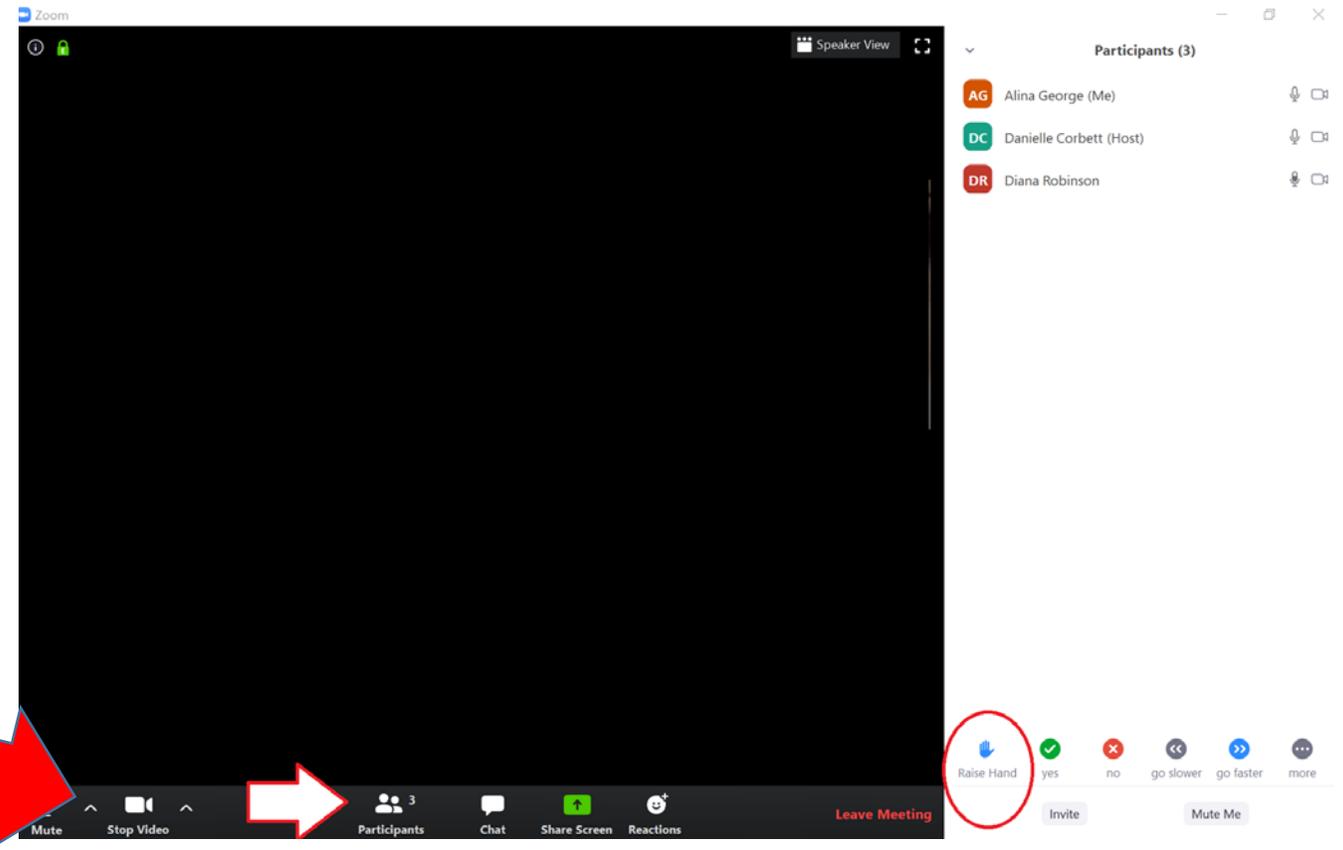
Unmanned Aircraft Systems – Collegiate Training Initiative

April 30, 2020

Have a Question?

- **During the presentation** you can enter questions into the Zoom chat.

- **After the presentation** you can use the "Raise Hand" option to ask a question.

  - Click on the "Participants" button, and then the "Raise Hand" button.

Federal Aviation Administration

Overview

The Unmanned Aircraft Systems Collegiate Training Initiative (UAS-CTI) is a new program designed for the FAA to recognize institutions that prepare students for careers in unmanned aircraft systems

FAA 2018 Reauthorization Act

Requirements

Section 631	Section 632
Train students for career opportunities in industry and government service related to the use of sUAS	Prepare students for careers involving UAS
Establish a process to designate consortia of 2 year schools as community and technical college centers of excellence in sUAS technology and training	Establish a UAS collegiate training initiative program

Structure

Unmanned Aircraft Systems Collegiate Training Initiative UAS-CTI

UAS-CTI Participants

Consortium for UAS Technology Training

Post-Secondary Institutions with UAS Curriculums

Two-Year Institutions of higher education

Who is Eligible?

- **School type:** Not-for-profit, two- or four-year, post-secondary educational institution, either public or private

- **Accreditation:** Must be institutionally accredited by an agency recognized by the U.S. Secretary of Education

- **Degree/Certification:** Currently offer a bachelor's or associates degree in UAS or a degree with a minor, concentration, or certificate in UAS. The FAA considers a degree viable only if it is active and students graduate with the degree or certification

Curriculum must include:

1) Training on UAS platforms - multirotor and fixed-wing

2) Flight systems, radio controllers, components, and characteristics of UAS

3) Maintenance, uses, applications, privacy concerns, safety, and insurance

4) Hands-on flight practice using UAS and simulator training

5) Use of UAS in various industry applications

6) Federal policies concerning UAS

7) Training related to flying with sensors and the processing data

Federal Aviation
Administration

Next Steps: Application Process

- Name of your school

- Point of Contact

- School Type

- Accreditation

- Description of UAS degrees or certification programs

Send information to

9-FAA-UAS-CTI@faa.gov

Next Steps: UAS-CTI Requirements

- Complete Questionnaire – Initial and Annual
- Sign Memorandum of Understanding
- Provide specific UAS curriculum
- No specific application period
- Three-year renewal

Benefits of the UAS CTI Program

- Recruiting and marketing opportunity for school's UAS programs
- Access to FAA resources and materials
- Recognition of program on FAA's website
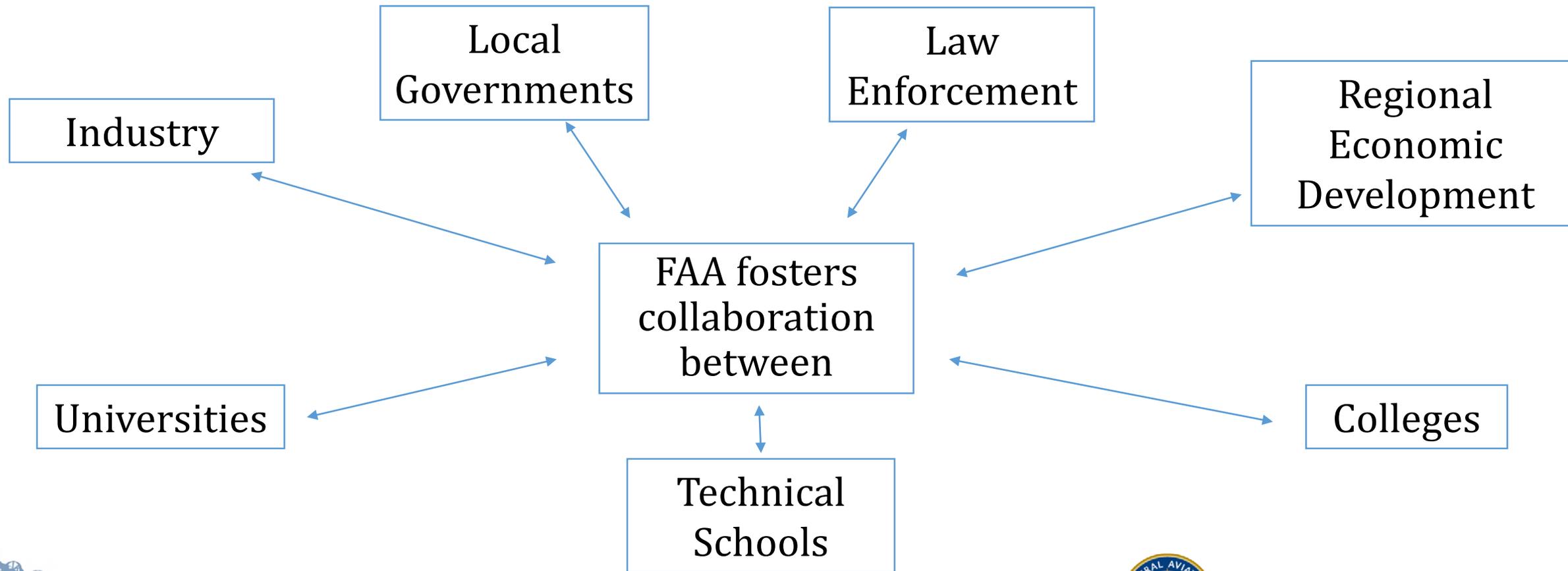- Technical support from FAA regarding UAS programs

Benefits of the Consortium

- Participation in annual meetings with the FAA
- Opportunities for other engagement with the FAA, such as through webinars and teleconferences
- Development and sharing of best practices with other participating schools

Unmanned Aircraft Systems Collegiate
Training Initiative (UAS-CTI)

Federal Aviation Administration

Measure of Success

Industry

Local Governments

Law Enforcement

Regional Economic Development

FAA fosters collaboration between

Universities

Technical Schools

Colleges

Federal Aviation Administration

Program details can be found here:
https://www.faa.gov/uas/educational_users/collegiate_training_initiative/

For more information contact *9-FAA-UAS-CTI@faa.gov*