

# UAV MASTER Lab AAM Research

## Contact Information Description

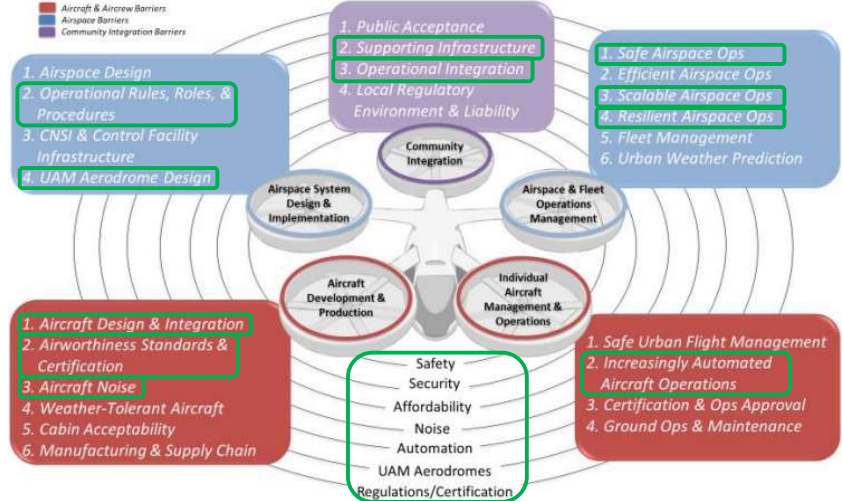
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## UC AAM Research Focus Areas

All areas in green are areas of research



## General AAM/UAM Research

- Our Research Focus Areas:
  - Acoustics and Aircraft Noise
  - Infrastructure and Vertiport Design
  - Airspace Management
  - Health Monitoring and System Diagnostics
  - Automated Aircraft Operations
  - Scalable and Resilient Airspace Operations
- Our Key Capabilities:
  - Assured Autonomy
  - Artificial Intelligence

## Partners, Requirement(s) and Benefits

- Current Partnerships:
  - A Variety AAM Focused Entities and Companies - CROWN Consulting, Army Corps of Engineers, etc.
  - Distributed Data Systems Companies – developing modern tools for UAS systems
  - Sensor Based Detection - Fusing modern technology and sensing for novel AAM strategies
- We are looking for:
  - eVTOL Partners interested in Acoustics
  - AAM Partners interested in airspace management
  - Partners familiar with the certification process/with a certified system needing testing
  - Additional partners to help link these paths together

Airspace Management

Command & Control

Comms

Power & Energy Storage

Propulsion

Sensors & Awareness

Other