

UAV MASTER Lab UTM/UAS Research

Contact Information Description

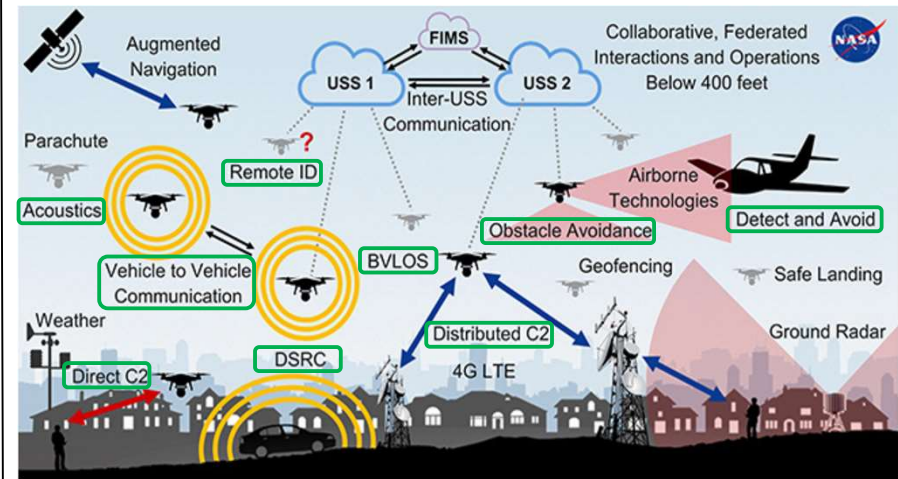
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UC UTM Research Focus Areas

All areas in green are areas of research



General UTM and UAS Research

- Our Research Focus Areas:
 - Multiple Vehicle Cooperation and Swarming (Air and Ground)
 - Distributed Communication and Control
 - Airport Operations and Integration
 - Platform Development and Testing
 - Emergency Management and Resource Allocation
 - Path Planning & Obstacle Avoidance
 - Health Usage and Monitoring
- Our Key Capabilities:
 - Vehicle Testing
 - AI and Machine Learning
 - UTM Agreement with NASA
 - Distributed Communication Ground Station for testing UAS

Partners, Requirement(s) and Benefits

- Current Partnerships:
 - UAS Manufactures
 - Government (State and Federal)
 - Universities and Colleges in UTM/UAS Research
- We are looking for:
 - Additional research in overlapping areas
 - Manufactures of UAS and UTM systems
 - Communications companies
 - Sensor Hardware
 - Emergency Management Partners

Airspace Management <input checked="" type="checkbox"/>	Command & Control <input checked="" type="checkbox"/>	Comms <input checked="" type="checkbox"/>	Power & Energy Storage <input type="checkbox"/>	Propulsion <input type="checkbox"/>	Sensors & Awareness <input checked="" type="checkbox"/>	Other <input type="checkbox"/>
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