



**October 16, 2019**  
**Henderson State University**  
**Arkadelphia, Arkansas**

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# Arkansas Drone Con Agenda

## Garrison Student Center

8:45-9:15	Registration	Foyer
9:15-10:00	<b>Opening Session</b> <i>Keynote Speaker</i> <i>Jason Davis</i> <i>University of Arkansas</i>	Grand Ballroom
	Announcements <i>Angela McCallie</i>	
10:15-10:45	Workshop/Competition Session 1	
10:55-11:25	Workshop/Competition Session 2	
11:30-12:15	Lunch and Demonstrations	Grand Ballroom
12:20-12:50	Workshop/Competition Session 3	
1:00-1:30	Workshop Session 4	
1:40-2:10	Industry Panel	
2:20-3:00	<b>Awards/Closing Session</b> Henderson State University Awards Door Prizes	Grand Ballroom

# Arkansas Drone Con Workshop Descriptions

**10:15-10:45**

## ***Drones in Agriculture***

Banquet Hall

*Jason Davis, Application Technologist, University of Arkansas*

sUAV's are finding new uses in many industries and agriculture is no exception. This workshop will explore some of the current drone technology, its application now and future opportunities in the agriculture sector.

## ***Powered by Drones***

Cabe

*Travis Dickerson, UAS/GIS Analyst, Arkansas Valley Electric Cooperative*

Provides a look at how Arkansas Valley Electric is using sUAS to change how power is delivered and maintained.

## ***HSU Drone Program***

Galloway

*Troy Hogue, Director, Department of Aviation, Henderson State University*

Henderson's Director for the Department of Aviation will share information about the Aviation and Drone program.

## ***HSU Campus Tour***

Dawson

Learn more about Henderson State University programs and campus. \*Limited to first 15 participants.

## ***Drone Race Team Competition***

Grand Ballroom

Competitors only, no spectators allowed.

## ***Drone Build Presentation Competition***

Wilson

Competitors only, no spectators allowed.

## ***Air National Guard Drone Flight Simulator***

Outside Garrison Center

Must have ticket from your instructor.

**10:55-11:25**

## ***Drone Cinematography***

Banquet Hall

*Megan Denison, Film Teacher, Siloam Springs High School*

Want to know how to make movies from up in the air? Come learn all about tips and tricks to make your shots look like the pros!

## ***Timberland Takeoff***

Cabe

*Daniel Neeley, Forester/Real Estate Broker, United Country/Neeley Forestry Service, Inc.*

Learn how we are using drones to improve forest management, evaluate land appraisals, and real estate marketing.

***North Little Rock Police Department UAV Program***

Galloway

*Jim Scott, Lieutenant, North Little Rock Police Department*

Learn how UAVs are used in law enforcement.

***UAS Program Q & A Forum***

D202

*Angela McCallie, CEO, QTL/ExplorNet*

Teacher Workshop--Opportunity to share advice, ask questions about the courses and provide feedback to improve the UAS program.

***HSU Campus Tour***

Dawson

Learn more about Henderson State University programs and campus. \*Limited to first 15 participants.

***Drone Race Team Competition***

Grand Ballroom

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***Drone Build Presentation Competition***

Wilson

Competitors only, no spectators allowed.

***Air National Guard Drone Flight Simulator***

Outside Garrison Center

Must have ticket from your instructor.

**12:20-12:50**

***Wildlife Law Enforcement***

Banquet Hall

*Brian Aston, Special Operation Lieutenant, Arkansas Game and Fish Commission*

Informative presentation on the use of UAS's in wildlife law enforcement.

***Army UAS***

Cabe

*W. Jeremy Sherman, UAS Operations Officer, 239th Brigade Engineer Battalion*

Discuss Army UAS systems and how they are used.

***North Little Rock Police Department UAV Program***

Galloway

*Jim Scott, Lieutenant, North Little Rock Police Department*

Learn how UAVs are used in law enforcement.

***HSU Campus Tour***

Dawson

Learn more about Henderson State University programs and campus. \*Limited to first 15 participants.

***UAS Principles Competition (UAS II & III students)***  
***UAS Foundations Competition (UAS I & Flex students)***

Wilson

Competitors only, no spectators allowed.

***Air National Guard Drone Flight Simulator***

Outside Garrison Center

Must have ticket from your instructor.

**1:00-1:30**

***Wildlife Law Enforcement***

Banquet Hall

*Brian Aston, Special Operation Lieutenant, Arkansas Game and Fish Commission*

Informative presentation on the use of UAS's in wildlife law enforcement.

***Army UAS***

Cabe

*W. Jeremy Sherman, UAS Operations Officer, 239th Brigade Engineer Battalion*

Discuss Army UAS systems and how they are used.

***SUAS Thermography (UAS II & III students)***

Galloway

*Megan Denison, Film Teacher, Siloam Springs High School*

Thermal imaging is one of the hottest new skills for drone pilots. Come to hear a certified thermographer explain the uses of thermal imagery and how to interpret the data you collect.

***Air National Guard***

Grand Ballroom

*Cameron LeBarr, Production Recruiter and Retainer, Air National Guard*

Learn about the many benefits of the Air National Guard including college benefits, financial benefits, insurance opportunities and civilian accreditations. Will also cover our mission as an Unmanned Aerial Vehicle and Intelligence Wing for the United States Air Force. Learn the process of joining the Air National Guard and a general synopsis of our top secret mission capabilities and 44 other job opportunities.

***HSU Campus Tour***

Dawson

Learn more about Henderson State University programs and campus. \*Limited to first 15 participants.

***Air National Guard Drone Flight Simulator***

Outside Garrison Center

Must have ticket from your instructor.

## Welcome!

Welcome to the first student drone conference in Arkansas! This educational conference is planned to inform students and educators of the many opportunities the UAS industry offers. Participants include high school students and teachers from Arkansas UAS programs, EAST, Agriculture, Business, Criminal Justice, Film, Aviation and Construction.

We hope you enjoy your day and that you take advantage of the many selections to learn more about the potential of drones in your future. Ask questions, listen to the presenters, meet new people, consider your options, and have fun!

Thank you to the following people and organizations for their support of the Arkansas Drone Con.

## Sponsors

QTL/ExplorNet  
Henderson State University

## Presenters

Jason Davis, Application Technologist, University of Arkansas  
Travis Dickerson, UAS/GIS Analyst, Arkansas Valley Electric Cooperative  
Troy Hogue, Henderson State University  
Megan Denison, Film Teacher, Siloam Springs High School  
Daniel Neeley, Forester/Real Estate Broker, United Country/Neeley Forestry Service, Inc.  
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For more information  
on UAS curriculum, visit  
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