

Project: Unmanned Aircraft Systems (UAS)

Goal

Promote UAS technology for applications that benefit IEEE AESS members

UAS Trends and impact

- Three UAS presentations: NJIT 12 March 40 attendees, OKC 30 March 41 attendees and Wichita, KS 20 attendees
- Monitor UAS competition projects and request AESS Board support to support Universities to compete.
- Determine current UAS interest and engagement by AESS Chapters.

Project Success - Metrics

- Increase UAS activity for AESS to grow membership by 5% annually

Progress

Milestone	Target Completion	% Complete
Meet with AUVSI in Washington DC www.auvsi.org	May 2015	AUVSI 2015 in ATL that week.
Work with the leading AESS University student branches to determine UAS interest in competitions- identify funding	Dec 2014	Eight Univ. Show interest
Work with AESS Chapters to promote UAS activities and provide topic speakers.	30 April 2015	50% show interest in UAS
Contact UAS Industry leaders about sponsoring events and advertising in AESS Systems magazine for special issue.	1 October 2015	

Budget / Resources

The 2015 AESS budget includes \$1,000 funding for the technical panels. Additional funding may be requested as new initiatives.



UAV/UAS Competitions in 2015

[Unmanned Systems Canada - 2015 Student Competition Information](#)

www.unmannedsystems.ca/content.php?doc=223 **Competition.**
2015 CONOPS updated 15 Sept 2014. This year's scenario is intended to be a new combination of three commercial challenges.

[University UAS Challenge 2015 - Engineering Professors' Council](#)

[epc.ac.uk/wp-content/uploads/2014/07/](http://epc.ac.uk/wp-content/uploads/2014/07/UAS-Challenge-2015...)**UAS-Challenge-2015...University UAS Challenge 2015 Competition** Rules, Issue 2
Improving the world through engineering 1 University **UAS**
Challenge **2015** Mission and **Competition** Rules

[7th Unmanned Systems Canada Student UAS Competition in Alma ...](#)

www.cedalma.com/en/7th-unmanned-systems-canada-student... [Cached](#) 7th Unmanned Systems Canada Student **UAS Competition** in 2014-**2015**. The format of the **competition** is designed to be an equal challenge for both fixed wing and rotary ..

UAV/UAS Competitions in 2015

AESS Student Branches

[Florida Institute of Technology](#) [Stephane Bucaille](#) United States

[Missouri University of Science and Technology Student Chapter, Saint Louis Section](#) [Steve E Watkins](#) United States

[Student Branch Chapter at the Fundacao Universidade Federal do ABC](#)
[Eduardo Machado de Franca](#) Brazil

[Tunisia Student Chapter](#) [Chafaa Hamrouni](#) Tunisia

[University of Waterloo, Ontario](#) [Steven Waslander](#) Canada

FAA Test Site Universities

University of Alaska

Texas A&M University- Corpus Christi Campus

Virginia Polytechnic Institute and State

University (Virginia Tech).