

NSF REU-Site

Unmanned Aerial Systems (UAS) Research

Real-World Applications in Oklahoma

School of Aerospace and Mechanical Engineering

**10-WEEK SUMMER RESEARCH
EXPERIENCE FOR UNDERGRADUATES**

Collaborate. Innovate. Fly Higher.



**\$700 / WEEK
Stipend**



**FREE
HOUSING**



**MEAL
ALLOWANCE**



**TRAVEL
SUPPORT**



**FACULTY
MENTORS**



**HANDS-ON
RESEARCH**

PROGRAM HIGHLIGHTS

- 1 Conduct hands-on experimental and computational research
- 2 Use state-of-the-art labs and Open facilities for UAS research
- 3 Teams of 2 students work closely with faculty mentors
- 4 Participate in cohort activities, seminars, and professional development



APPLY NOW!

Scan to Apply



<https://ou-eng-summer-program.vercel.app/>

IMPORTANT DATES



**APPLY
By
Feb 28, 2027**



**NOTIFICATION
March 2027**



**ARRIVE
Last Week
of May 2027**



**RESEARCH
PROGRAM
10 Weeks**



**RESEARCH
SYMPOSIUM
End July 2027**



Location: Norman, Oklahoma



Open to engineering undergraduate from all majors and institutions



No previous research experience required!

RESEARCH AREAS



Swarm UAS & Autonomy



AI, Computer Vision & Sensing



Environmental Monitoring



Drone Design & Structures



Extreme-Condition Battery Performance



Smart Materials & Nanocomposites



Principal Investigator

Dr. Wilson Merchan-Merchan
School of Aerospace & Mechanical Engineering
The University of Oklahoma

Be part of
something bigger.

Build. Learn. Explore.
Make an impact.

QUESTIONS ?

Contact Dr. Wilson Merchan
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