

THE OUTREACH ORBIT

OFFICIAL NEWSLETTER OF WPAFB STEM OUTREACH

THIS MONTH'S NEWS:

LEGACY Applications

SEMEDS

We want to work with you!

LOOKING AHEAD

TechFest Dayton - FEB 14/15

Job Shadow Day - FEB 19

FIRST STATE Championship -

March 14-15

The Big Hoopla STEM Challenge -

March 15

Applications are open...

Applications Now Open for LEGACY Air Force STEM Camps!

The LEGACY initiative offers one-week day camps for students ages 11 to 15, focused on hands-on STEM learning and leadership development. Apply now to be part of this exciting opportunity to explore the world of Air Force STEM!

Students, ages 11-15, can apply, and after attending, may be invited to return for the next age camp the following summer.

Deadline: March 1

Don't miss your chance to join the LEGACY experience! Apply today!

Craftsman Camp Information:

https://www.wpafbstem.com/LEGACY/legacy_craftsman.html

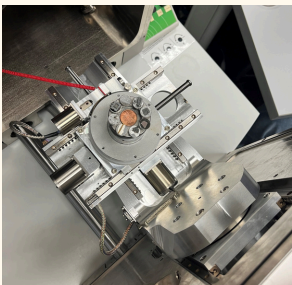


SEMEDS: Scanning Electron Microscope Educators

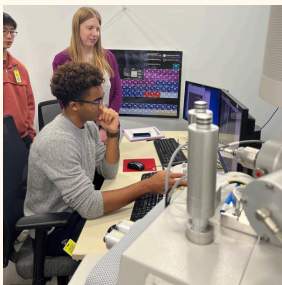
We've been thrilled to host high school and middle school students from Dayton, Oakwood, Centerville, Waynesville, and various homeschool groups this school year, and we look forward to welcoming more as we head into the second half. During this unique experience, participants are briefed by real engineers, tour a working lab, and get **hands-on experience with Scanning Electron Microscopes**.

Students are encouraged to bring items to examine under the microscope and can take home the images they capture. **If you are interested in getting your students involved, or if you work on base and would like to volunteer, please contact Kim Stultz at kimberly.stultz.ctr@us.af.mil.**

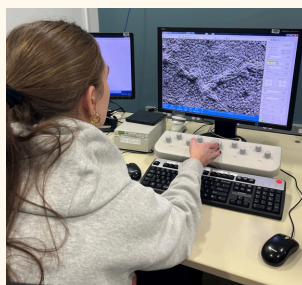
We look forward to seeing you!



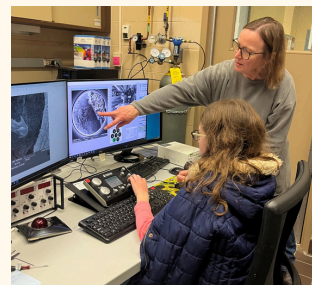
Waynesville Schools



Oakwood Schools



Waynesville Schools



Homeschool Group



The Miami Valley School



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Inspire the Next Generation!

The WPAFB STEM Outreach office brings real-world discovery to students. Whether you are an educator or a professional looking to give back, we have a seat for you.

Teachers: Elevate Your Classroom

- **WOW! In the Classroom:** Request a WPAFB volunteer to lead interactive, hands-on lessons. Choose from a wide variety of topics ranging from Animal Adaptations to Testing Lift.
- **WOW! on Wheels:** This mobile extension offers a **wide range of STEM kits** (Coding, Rocketry, Lab Supplies, and more). We provide **delivery within 35 miles of WPAFB**. Outside that range? Reach out and let's see how we can work together!
- **STEM Tutoring:** Pair students with volunteers for 1-on-1 academic support and help mastering classroom concepts. (In-person)
- **STEM Mentoring:** Connect students with experts for guidance on science experiments, design challenges, or engineering projects. (In-person or virtual)

Important: All program requests must be submitted by teachers or school personnel.

Volunteers: Share Your Passion

Make a direct impact by leading classroom activities, tutoring students, or mentoring innovators. Help us inspire the next generation of scientists and engineers!

Get Involved Today Contact **Antoinette Callahan** at antoinette.callahan.ctr@us.af.mil to learn more or sign up.

