

THE OUTREACH ORBIT

OFFICIAL NEWSLETTER OF WPAFB STEM OUTREACH

THIS MONTH'S NEWS:

LEGACY

WOW! Teacher Workshop

WOW! Requests are Open

2026 LEGACY Final Presentations: A Phenomenal Success!

This summer, LEGACY – WPAFB proudly hosted the 2026 LEGACY Jr. Apprentice and Apprentice Final Presentations. We are absolutely thrilled to report that our students did a phenomenal job across the board!

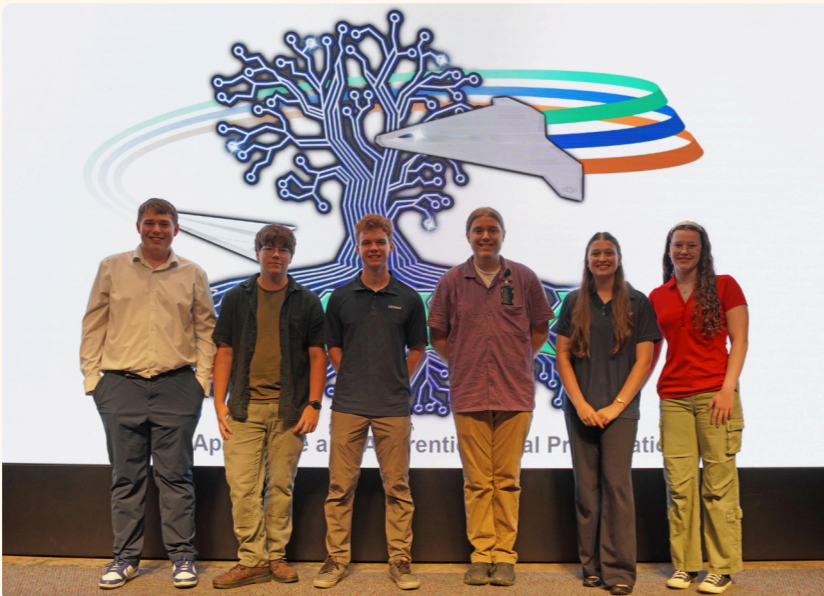
Throughout the summer, these bright high school and college students immersed themselves in challenging, real-world STEM environments. Covering a diverse array of disciplines—ranging from advanced materials science, hypersonics, and aerospace engineering to environmental compliance, biosensors, and computer science—the students showcased an incredible depth of knowledge and a strong eagerness to learn.

While the specifics of their research remain highly technical and specialized, the overarching theme of the day was clear: the future of innovation is in excellent hands. The presentations demonstrated not only their rigorous academic capabilities but also their growth in critical thinking, problem-solving, and professional collaboration.

We want to extend a huge congratulations to all of our Jr. Apprentices and Apprentices for their hard work and dedication. Their phenomenal achievements this summer highlight the incredible value of LEGACY, and we cannot wait to see where their talents take them next!



Pictured: Sam M. giving his final presentation



Pictured left to right: Isaiah Goble, Aiden Carey, Ryan Russell, Ty Fischer, Lindsay Dowty, Emilia Scribber



Pictured: Allie M. giving her final presentation



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WOW! Teacher Workshop

The recent WOW! Teacher Workshop brought together an outstanding group of educators for an exciting Device Discovery Day filled with hands-on learning, collaboration, and inspiration.

Teachers explored a variety of STEM technologies while learning directly from our Expert Teachers, who shared how they successfully use Sphero Indi, Sphero BOLT, Ozobots, and Makey Makeys to engage students and bring coding, problem-solving, and creativity into their classrooms.

The energy throughout the day was incredible. Teachers eagerly tested devices, exchanged ideas, asked thoughtful questions, and networked with colleagues from across the region. By sharing classroom experiences and practical teaching strategies, participants left with new ideas, greater confidence, and a collection of ready-to-use activities.

As the new school year approaches, it's exciting to know these educators are heading back to their classrooms equipped with fresh inspiration and innovative STEM tools to spark curiosity and excitement in their students. Thank you to our Expert Teachers and those who participated in making this workshop such a tremendous success!



WOW! Requests are Open

A new school year is just around the corner, and we're excited to begin scheduling WOW! in the Classroom and WOW! on Wheels.

Whether you're looking to inspire young scientists, introduce students to coding and robotics, explore engineering and design, or connect STEM concepts to real-world careers, our hands-on programs are ready to bring exciting learning experiences directly to your students.

Request a Lesson or Borrow Materials:

- WOW! in the Classroom: <https://www.surveymonkey.com/r/WIC2627>
- WOW! on Wheels: <https://www.surveymonkey.com/r/WOW2627>

We can't wait to partner with you for another year of inspiring curiosity, creativity, and a love of STEM in students across our region. We look forward to seeing you this school year!



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