



# WPAFB Educational Outreach



INSPIRING STUDENTS IN STEM

## K-12 STEM ENQUIRER

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### In This Issue...

FLL Explore Events in Ohio	1-3
SEMEDS	4-5
Guess the SEMEDS Images	6
Employee Spotlight	6



Join us next month...

**FIRST®** Events



### FLL Explore Events in Ohio

*FIRST® LEGO®* League Explore teams showcased their programs this December with events in Northwest Ohio and Dayton! 19 teams presented at these two events, showing off all they have learned and accomplished so far this season. The teams of students, ages 6-10, participate in this program which inspires young people to experiment and grow their confidence, critical thinking, and design skills through hands-on learning. This season, MASTERPIECE, focuses on STEAM; Science, Technology, Engineering, Art, and Mathematics. Children will learn about the role science, technology, engineering, and math (STEM) plays in the arts and will imagine and innovate new ways to create and communicate art across the globe. As always, we were so impressed with what these young innovators were able to explore, create, test, and share!





# FLL Explore Events in Ohio *cont'd.*





## FLL Explore Events in Ohio *cont'd.*



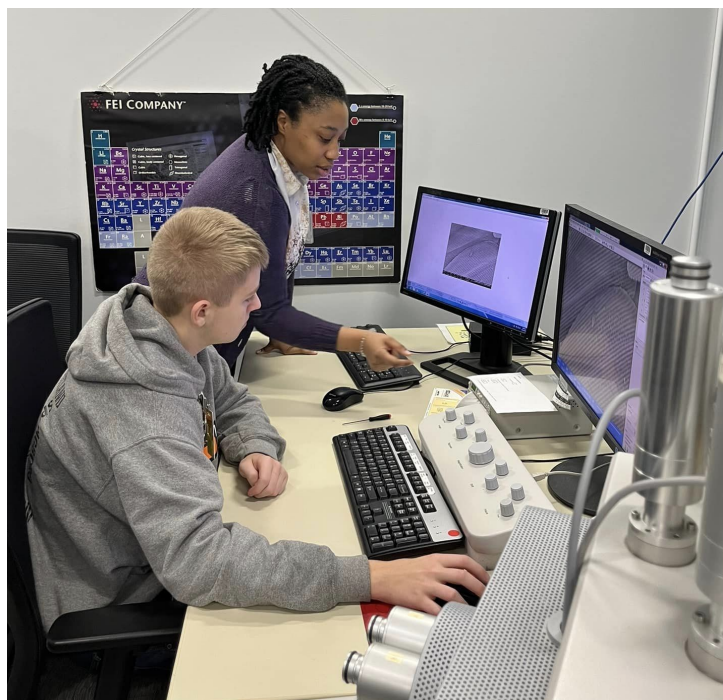
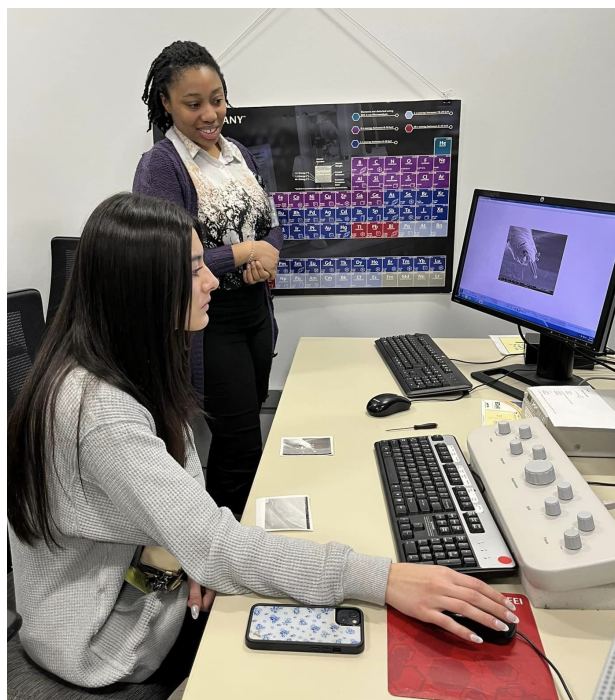


## SEMEDS

Students continue to visit the Scanning Electron Microscope (SEM) Laboratory at WPAFB and experience first hand what it's like to use top-notch lab equipment and meet the elite scientists behind the SEM!

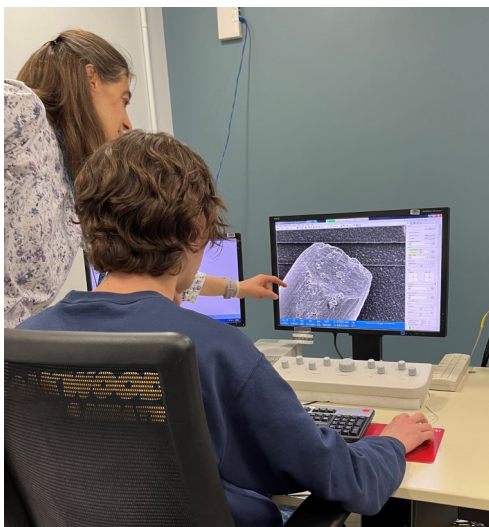
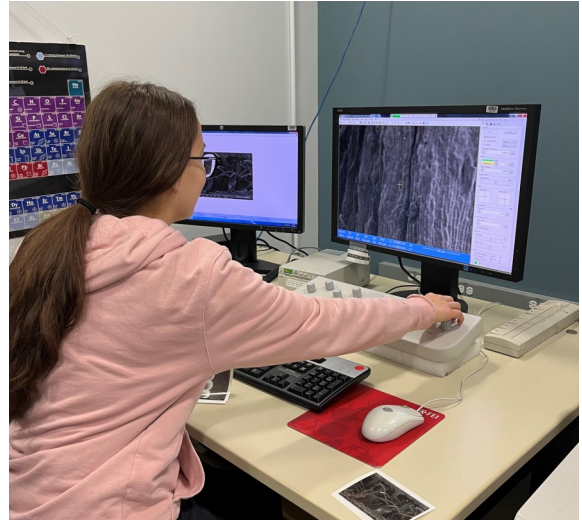
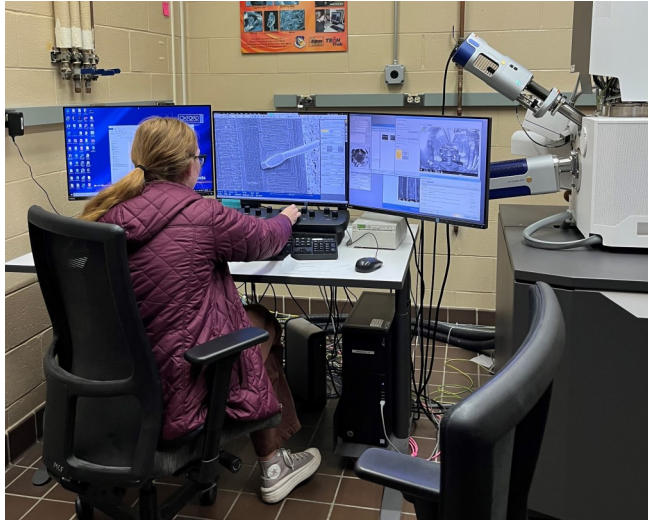


Beavercreek High School





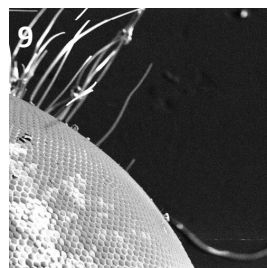
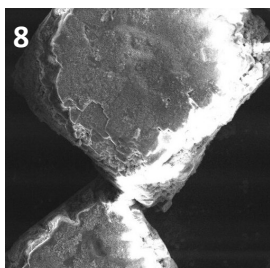
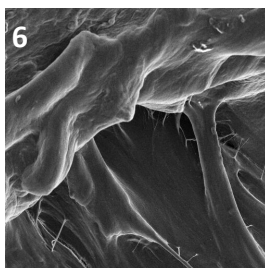
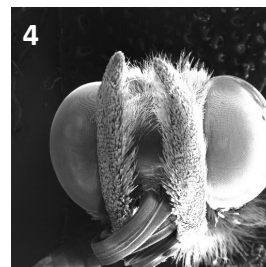
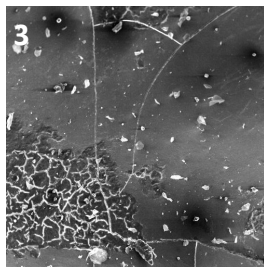
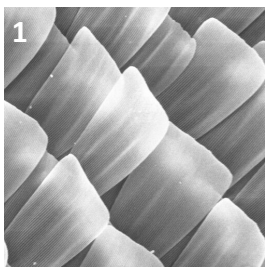
Oakwood High School





## Guess the SEMEDS Images

Can you guess what the SEMEDS images are below?



**Answer Key:**  
 1. butterfly wing  
 2. velcro  
 3. baby tooth  
 4. butterfly head  
 5. tapeworm  
 6. heart muscle  
 7. lady bug  
 8. salt crystals  
 9. fly eye

## Employee Spotlight

**Name:** Amy Meyers (contractor)

**Title:** Program Instructor [Camp Teacher]

**Program:** STARBASE [LEGACY Craftsman Camp]

**Years with the EO office:** 6 years

**What do you enjoy most about your role at STARBASE?** *I love being part of something that makes science exciting and memorable for kids in a way that wasn't available when I was their age.*

**What is your favorite aspect of working with students in STEM?** *I love that kids will always surprise you. Whether it is with what they already know or what they want to know about STEM, every day is a surprise. It is wonderful, eye-opening, and heart-warming when they share their thoughts with you.*

**What accomplishment are you most proud of at STARBASE?** *I am most proud of creating and running successful summer camps for kids who love STEM. In the past I have done summer camps with a variety of STEM topics. My recent camp was about amusement parks and the upcoming camp is about the human body.*

**If you had one superpower, what would it be and why?** *I would love to travel more, so a super power that allowed me to travel for free and takes no time would be amazing!*

