



WPAFB Educational Outreach



INSPIRING STUDENTS IN STEM

K-12 STEM ENQUIRER

October 2023

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Fall Job Shadow Day

Job Shadow Day was a big success! There were 123 students who spent their day at Wright-Patterson AFB shadowing mentors and co-mentors. Some of the career fields were Engineering, Nursing, Acquisitions, and many others.

The next Job Shadow Day will be held on Thursday, April 11th 2024. Stay up-to-date by visiting our [website](#).



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Join us next month...

FLL Regional Tournaments



Fall Job Shadow Day cont'd.



WRIGHT-PATTERSON AFB

Troops and Treats

The National Museum of the Air Force hosted an event on 21 October to engage the public by offering a fun-filled, free and safe, indoor Trick or Treat experience. They partnered with different organizations in the community to highlight what they have to offer families! Our FIRST team participated and was joined by members of FIRST LEGO League team 55549 SUSBots and FIRST Tech Challenge team 3311 Innovators Robotics. Youth were able to drive the FTC robot and do some simple coding on our FIRST LEGO League Explore SPIKE Essentials kits. The kids all had a great time and were able to have fun learning STEM while trick or treating!



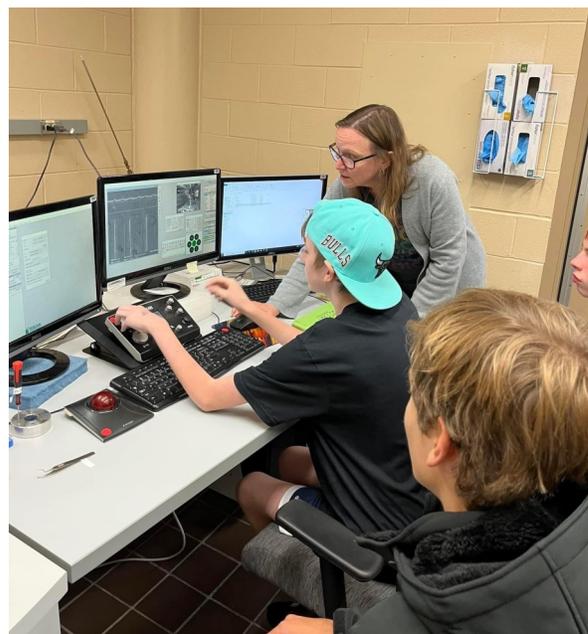
Troops and Treats cont'd.



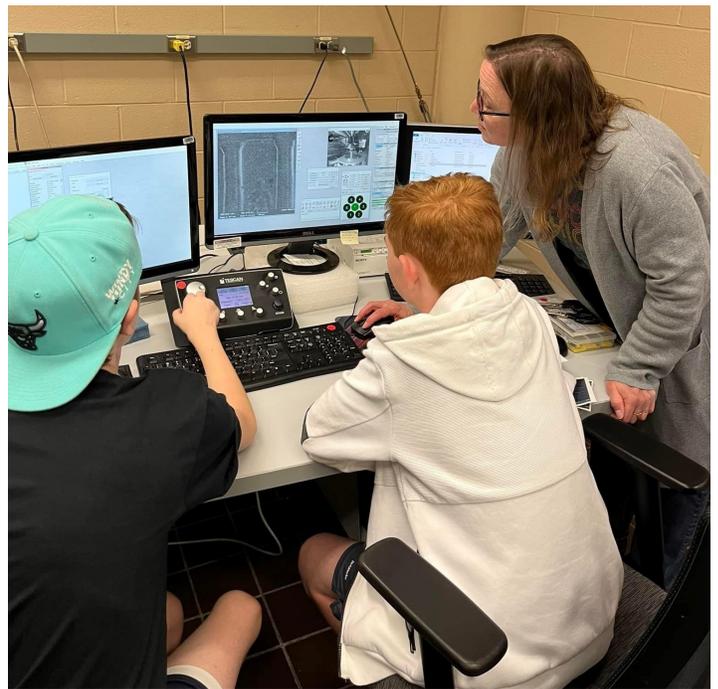
SEMEDS is Back!

October 5th was our first SEMEDS session since March 2020. We are so excited to have the program back up and running! The group attending was from CHESS Christian School. We had a great evening of fun and learning!

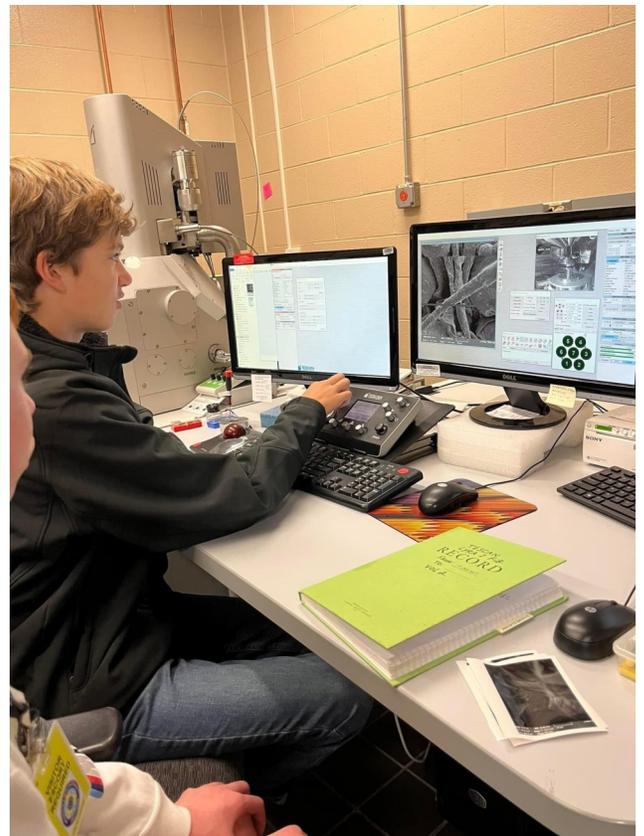
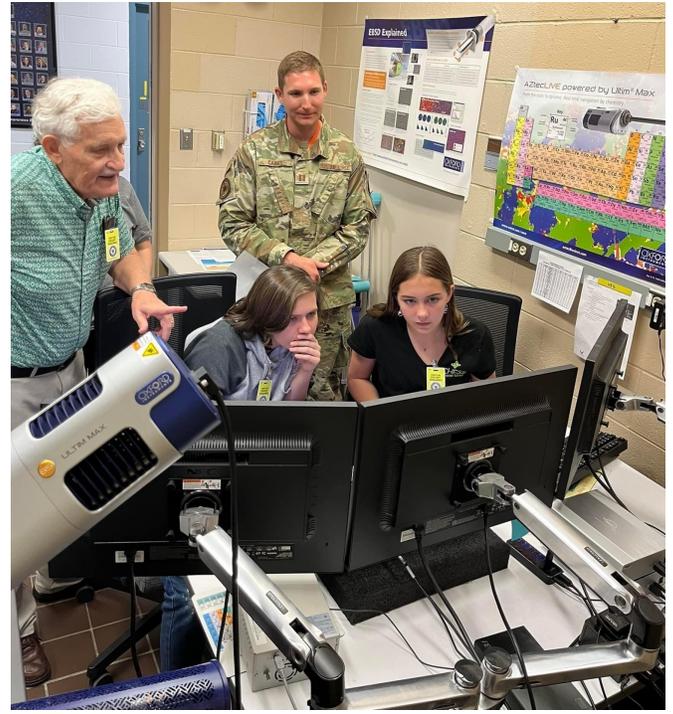
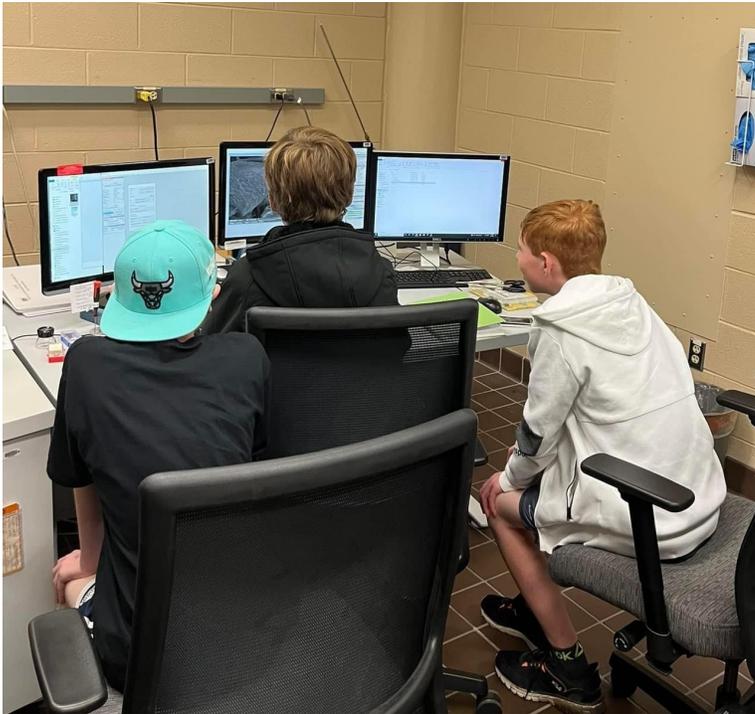
Two sessions are scheduled per month. For more information, please contact [Kim Stultz](#).



SEMEDS cont'd.



SEMEDS cont'd.



Springtime WOW! Workshops

Teachers, mark your calendar for spring WOW! Workshops - registration dates and more info to follow soon!



Wednesday, March 13th, 2024

Workshop @ 9am - 12pm

Held at SOITA

A focus on using: Finch Robots

An intro to Ozobots and Sphero Indis.

Open Lab @ 1pm - 3pm

Held at SOITA

An unstructured opportunity to work more with the Finch Robots, Ozobots, and Sphero Indis.

Thursday, March 21st, 2024

Workshop @ 9am - 12pm

Held at SOITA

A focus on using: Sphero Bolts

An intro to Ozobots and Sphero Indis.

Open Lab @ 1pm - 3pm

Held at SOITA

An unstructured opportunity to work more with the Sphero Bolts, Ozobots, and Sphero Indis.

Employee Spotlight

Name: Shawn Warren (contractor)

Title: STARBASE 2.0 Coordinator

Program: STARBASE WPAFB

Years with the EO office: 5 years

What do you enjoy most about your role at STARBASE? *The thing I love most about my role at STARBASE is interacting with the students as they work on their STEM projects. Seeing the unique ways they view and approach a presented problem is always amazing to me.*

What is your favorite aspect of working with students in STEM? *My favorite aspect of working with students in STEM is when I can present them with a discrepant event that they have not seen before. There is often this moment of complete silence as they try to understand what they have just seen (sometimes followed by a loud "WHAT?!"). That moment of amazement is my favorite part of teaching STEM.*

What accomplishment are you most proud of in the EO office? *I am most proud of successfully expanding the STARBASE 2.0 program to include students from the 6th, 7th and 8th grades at the schools we currently offer the program.*

If you had one superpower, what would it be and why? *If I had a superpower it would definitely be flight. I love flying my powered paraglider, but to be able to fly without being tethered to a machine would be awesome!*

