



WPAFB Educational Outreach



INSPIRING STUDENTS IN STEM

K-12 STEM ENQUIRER

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FTC Ohio Completes First Ever League Competition!

FTC Ohio piloted a league format competition in Central Ohio this season. The League ran from mid-October and concluded on December 17. Four league meets were held in various locations around central Ohio. Thirteen teams participated at the meets where they ran their robots in competition rounds against various teams from the area. Nancy Richards, the Ohio Regional Director of FIRST, said that the teams showed an immense amount of growth and built a true sense of community throughout the league meets. FIRST Ohio plans to implement more FTC Leagues around the state for next season. Congratulations to all the teams who participated!

(Photos continued on next page.)



Join us next month...

Job Shadow Program 2023



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LEGACY in the News



This summer, LEGACY (Leadership Experience Growing Apprenticeships Committed to Youth) Jr. Apprentice Naisha, assisted Maj Michael Seery at the United States Air Force Academy (USAFA) with editing and updating the *Intro to ECE 210* course for cadets. This year, USAFA increased their enrollment numbers in ECE 210 by more than double last year's enrollment. In addition to updating the course, Naisha soldered, programmed robots, and built and programmed circuits using an Arduino. When asked about the summer, she added, "The (LEGACY) internship allowed me to gain a basic understanding of electrical engineering and I gained insight into a variety of course subjects. I was able to develop my independence, organization, and time management skills."

Naisha recently qualified for State in Distributive Education Clubs of America in the Marketing Communications event. She will attend the Colorado State Leadership Conference held at the Broadmoor in February. This is her second year competing, and she stated, "I'm very excited to compete, learn, and meet others at the conference."

In addition to the LEGACY program, Naisha is very involved in her community. In November, she participated in the annual cultural show called Azadi, meaning freedom, by the Indian Community of Colorado Springs. This year's proceeds were used to provide scholarships for active-duty military students enrolled in graduate and undergraduate degree programs at UCCS. The event also raises awareness, education, and appreciation of the culture and performing arts of India and transfers these values to future generations. This year, Naisha sang, danced, and choreographed a dance for 8–9-year-old students. She is also part of a singing group in her community that raises money for charity.

After Naisha completes high school, she plans to attend college and earn a bachelor's degree in electrical engineering.

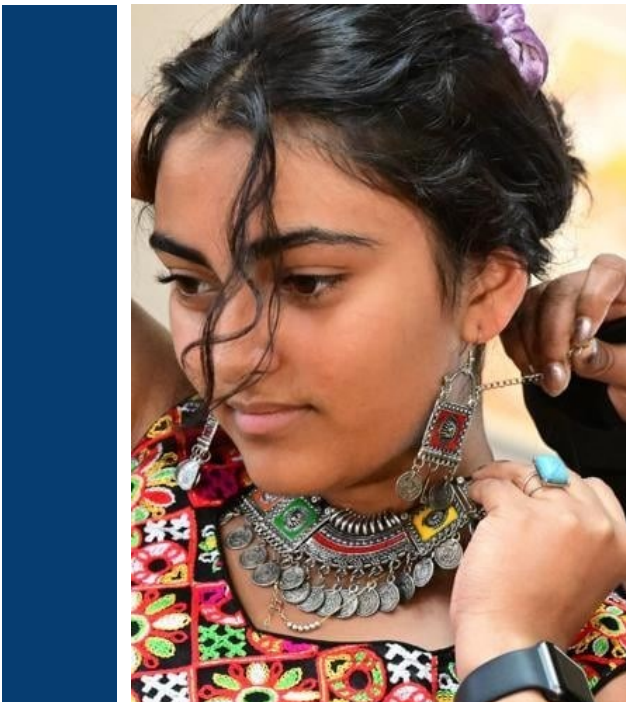


Photo by Jerilee Bennett, The Gazette

2023 LEGACY Craftsman Camp Applications Open!

LEGACY Craftsman Camps are a series of individual one-week camps for students aged 11 to 15. The goal of the LEGACY Craftsman Camp is to build an interest in STEM through hands-on activities while showing how math and science apply to the world around us. This camp will build knowledge while reinforcing self-confidence and leadership.

WPAFB Craftsman Camp Dates:

Ages 11 to 13: July 10-14, 2023

Ages 14 to 15: July 17-21, 2023



APPLY HERE!

♦ **FREE!**

- ♦ Field trip
- ♦ Base tour
- ♦ Guest speakers
- ♦ Team projects

♦ Craftsman kit

- ♦ Career field introduction
- ♦ STEM demonstrations

♦ Design process

- ♦ Hands-on STEM activities
- ♦ Team-building icebreakers



Employee Spotlight

Name: Bre Holt (contractor)

Title: FIRST Tech Challenge Ohio Partner

Program: FIRST Tech Challenge

Years with the EO office: 1 year



What do you enjoy most about your role in the EO office? *I most enjoy the people that I work with. The EO office and the FIRST community are some of the most supportive and encouraging people that I know.*

What accomplishment are you most proud of in the EO office? *I am most proud of the FTC Central OH League pilot that we just completed this season. It was such a joy to see the growth of the teams throughout the league meets. I am looking forward to implementing more FTC Leagues throughout the state next season.*



What is your favorite vacation so far? *My favorite vacation so far was to Australia. The scenery and wildlife are unlike anywhere I have ever been and the people are so welcoming and friendly. A close 2nd is the Rocky Mountain National Park.*

If you had one superpower, what would it be and why? *I would want to be able to speak and understand any language so that I could communicate with any person from around the world.*

