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K-12 STEM ENQUIRER

Dayton Science Festival

On November 15, 2019, WPAFB Educational Outreach office participated in the Dayton Regional Science Festival at the Boonshoft Museum of Discovery. With over 20 exhibitors in attendance, this event focused on inspiring kids of all ages to learn more about STEM related careers. Ozobots, WeDo 2.0 robots, and a Van de Graaff generator were just some of the hands-on activities and demonstrations available from this office for kids to experience at this fun event.

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...Join Us Next Month

- WOW! Training
- STARBASE Level 3
- FLL tournaments





Night at the Museum

The Educational Outreach office participated in the NMUSAF’s “Night at the Museum” on November 1. Thousands of families enjoyed an evening of free entertainment including meeting historic reenactors and Star Wars characters. Children and adults alike were able to look inside cockpits, visit with zoo animals, watch movies, fly in the simulators, and check out many hands-on interactive activities, including our crowd-pleasing “Roller-Coaster Adventure” VR headsets.

The WOW! program wants to thank all of our amazing volunteers especially those that spent several hours putting together motors for a new Magnetism and Electricity demo. Their help is so appreciated!



Career Adventure

The WOW! (Wizards of Wright) program and 9 WPAFB volunteers shared in a wonderful new event on November 7th and 8th as SOCHE (Southwestern Ohio Council for Higher Education) and the Dayton Metro Library partnered for their first Career Adventure Day!

The goal was to create an engaging experience for middle school students to generate career awareness and get them thinking about careers that exist right here in the Miami Valley for them post-High School graduation.

The event hosted over 900 students from Miamisburg, New Lebanon, DECA, DPS’s Wright Brothers, Northridge, and Brookville. They provided an energetic opening address and completely interactive stations to allow students to introduce themselves to the possibilities that exist right here in the Dayton area. Students and teachers thoroughly enjoyed the WOW! stations – both the VR headsets and the Thermal Imaging Camera. Our Wizards were impressed with the interest the students showed and the questions they asked about the uses for these 2 popular kinds of technology.



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