



WPAFB Educational Outreach



INSPIRING STUDENTS IN STEM

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K-12 STEM ENQUIRER

COSI Virtual Event

The **WOW!** program participated in COSI's *The Big Science Celebration* on May 9th. This was an online opportunity bringing "dynamic experiments, incredible demonstrations, and engaging hands-on activities" to our community.

Instead of the originally scheduled in-person event at COSI, the event was changed to a social media takeover with exhibitors, companies, and programs showing off at home science ideas.

The WPAFB Educational Outreach Office wanted to use this opportunity to show parents and families the incredible **WOW!** DIY activities and videos available on our website. We offer over 30 quick and easy STEM activities students and families can do at home including activity sheets and videos for some fun and educational experiments including Bacteria, Density, Hovercrafts, Gummy Bear Osmosis, Candy Crystals and more.

Teachers can still find **WOW!** demos in the now renamed section "WOW! TV for Teachers," and during the COSI event we introduced the new "WOW! TV for Kids." This brand new link is for short instructional videos for more STEM at home. With "WOW! DIY" and "WOW! TV for Kids," we are able to bring easy, at-home activities to students of all age ranges, interests, and academic backgrounds.

There were excellent educational activities from around Central Ohio posted to the COSI site all day, and we enjoyed being a part of it!

The Educational Outreach Office's programs are full of resources for teachers, families, and students and are continuously adding more.

Please visit our website to see everything all of our programs offer.
<http://wpafbstem.com/>

With questions, or for more information about the **WOW!** program, please reach out to our Program Manager, Angel Callahan. antoinette.callahan.ctr@us.af.mil

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...Join Us Next Month

- LEGACY Camp
- STARBASE Camp





FIRST® LEGO League Global Innovation Award

The FIRST LEGO League Global Innovation Award showcases the Innovation Project Solutions created by FIRST LEGO League teams from around the world. Each season challenges teams to solve real-world problems. This season, for the CITY SHAPER challenge, teams were tasked with solving problems facing public spaces or buildings in their communities. The Global Innovation Award presented by Disney recognizes the originality, creativity, and potential impact of the best projects across the globe.

Four Ohio teams qualified to compete for the Global Innovation Award: 1923 Robo Raptors from Dayton, 8220 8 to Automate from Dublin, 32411 QuickBots from Beavercreek, and 33597 RoboFlow from Columbus. Of these four outstanding teams, two have been named Global Semi-Finalists and continue to compete in a field of 20 teams from around the world! 8220 8 to Automate and 32411 QuickBots have been hard at work developing elevator pitches and community impact videos, consulting with content and patent experts, and preparing for virtual judging and the Awards Presentation that will take place virtually on June 27. The top 3 teams receive generous prize packages to help them turn their projects into reality!

To learn more about the top 20 teams and their projects, visit this page <https://www.firstinspires.org/robotics/fll/global-innovation>.



Ohio's Global Innovation award nominees



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