



# WPAFB Educational Outreach



INSPIRING STUDENTS IN STEM

May 2021

**Daniel J. Andrews**  
WPAFB K-12 STEM Coordinator  
Engineering and Technical  
Management Directorate, AFRL/EN-EZE  
2261 Monahan Way, Bldg. 196  
Wright-Patterson AFB, OH 45433  
daniel.andrews.1@us.af.mil

## K-12 STEM ENQUIRER

### Ohio FIRST® Tech Challenge Championship

Forty-two (42) of Ohio's top performing FIRST Tech Challenge teams participated in the season's remote State Championship during the week of April 24th-May 1st. Teams had six days to run and score six official matches for this season's robot game, Ultimate Goal presented by Qualcomm. In addition to robot performance, each team met with a pair of volunteer judges to compete for awards focused on robot design, innovation, outreach, and their engineering portfolio. While it was a much different Championship than previous years, the coaches, teams, and volunteers brought smiles, silly hats, and Gracious Professionalism with them. The accomplishments of the teams during this difficult and unusual season shone a spotlight on the creativity and determination they possess and acts as a reminder for the importance of access to STEM programs like FIRST Tech Challenge. We congratulate all the Ohio teams who persevered this season and are proud of your accomplishments!

In This Issue...	
	Pg.
FIRST® Tech Challenge	1
DO STEM	2
Rocketry Demo	2

For the complete list of Championship awards and rankings, please visit: <https://ftc-events.firstinspires.org/2020/USOHWPCT1>

You can watch the Ohio FIRST Tech Challenge State Championship Awards and Closing Ceremony on YouTube at: [https://youtu.be/7SxnZwJ\\$naA](https://youtu.be/7SxnZwJ$naA)



### ...Join Us Next Month

- LEGACY Camp
- STARBASE Camp



*Inspire Winner & Top Ranked Team – 10464 The Bionic Tigers from Loveland, Ohio*





# Rocketry Demo at Warner MS

May 6<sup>th</sup> provided a welcome sense of a return to normalcy for Ron Stauffer, WPAFB Educational Outreach Office volunteer, Randy Boadway of Wright Stuff Rocketeers, and 25 Flight and Space students from Warner Middle School in Xenia. Before Covid-19, Ron regularly visited local schools with his popular rocketry demo. Teacher, Karen Nolan, said, "He (Ron) did a fabulous job! His model rocket lesson and launches were very helpful and extremely enjoyable!"



## DO STEM Virtual Career Week

Dayton Ohio STEM Ecosystem (DO STEM) is a newly formed collaboration of regional partners committed to leveraging resources and opportunities to engage students in STEM activities in the Dayton region. May 10-14 was the first major initiative to share with local students and teachers.

Pre-recorded videos and live Zoom sessions were made available by industry partners and STEM professionals to build knowledge, awareness, and understanding of future educational and employment opportunities in STEM.

The WPAFB Educational Outreach office participated in this event which impacted over 2,000 students! The pre-recorded session featured volunteer Jessica Allen, Engineer of AFLCMC/WLNM. Bryan Stevens, Chief of Workforce Strategy and Data Intelligence in Headquarters Air Force Research Laboratory (AFRL), gave a 30 minute live presentation on STEM opportunities available working for the government. To view this video, please visit <https://www.youtube.com/watch?v=rg6SO6SCYx4>.

