

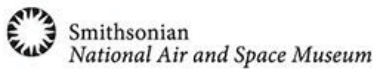
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K-12 STEM ENQUIRER

Marvel Day at National Air and Space Museum

In This Issue...

	Pg.
Marvel Day	1
FRC MV Regional	2
STEM Hoopla	2
Read Across America	3
Job Shadow Day	3



...Join Us Next Month

- Mrs. Goldfein
- NASA Hunch
- FLL World Festival
- Engineer's Week at AFIT



On March 7, the WPAFB Educational Outreach Office was invited by the Secretary of the Air Force to bring their hands-on demonstrations to celebrate the opening of “Captain Marvel” at the National Air & Space Museum’s event-Marvel Day. To help highlight the important role of STEM in everyday life of Airmen, the EO Office brought a variety of demonstrations: Virtual Reality (riding roller coasters, weather balloons, robotic games, and the human body), Ozobots, UV beads, Straw Rockets, and the Wizards of Wright (WOW!) Energy Bike. The EO Office stuck around for the later showing to support the Tragedy Assistance Program for Survivors (TAPS) - showing our gratitude for those who have lost a family member defending our freedom!



FIRST® Robotics Competition Miami Valley Regional Tourna-

Sixty FIRST® Robotics Competition teams from several states gathered at the Nutter Center for The Miami Valley Regional, an intense three-day tournament featuring robots designed and built by teams of high school students and their mentors. To prepare for this competition, teams had 6.5 weeks to design, build, and program 120 pound robots to meet the Destination: Deep Space challenge.

At the competition, teams competed in 3 vs 3 alliances on a field the size of a basketball half-court to score as many points as possible in a 2.5 minute qualifying matches. Much like a sporting event, the event was filled with upbeat music, cheering fans, referees in stripes, and dynamic announcers and emcees. Teams focused on the competition at hand, competing like crazy and, in true FIRST style, collaborating with their competition as they tackled two days of official robot rounds.

The Regional came to a close on Saturday evening with an awards ceremony. Two local individuals were recognized: Skip Gridley, WPAFB Civilian, as Volunteer of the Year, and Caleb Dunn, of Dayton team 5811 BONDS, as a Dean's List Finalist. The following teams qualified for the FIRST World Championship: 3324 Metrobots (Columbus, OH), 5724 Spartan Robotics (Salem, VA), 1317 Digital Fusion (Westerville, OH), 6032 Pirates (West Carrollton, OH), 7460 Avi and Friends (Sylvania, OH), and 4028 CHCA Beak Squad (Cincinnati, OH). For full awards, please visit The Blue Alliance @ <https://www.thebluealliance.com/event/2019ohmv>.



STEM Hoopla

The WPAFB Educational Outreach Office once again slam dunked another year at the Hoopla STEM Challenge! Approximately 1,200 STEM & basketball enthusiasts made their way to Chaminade-Julienne Catholic High School to celebrate STEM & the NCAA First Four that comes to Dayton every year. Maj Gen Carl E. Schaefer, Deputy Commander of the Air Force Materiel Command (AFMC), joined in the fun by riding the Wizards of Wright (WOW!) Energy Bike and showing kids how much energy it takes to light up the different types of light bulbs. Maj Gen Schaefer also was one of the guest speakers to open the Big Hoopla Challenge.



Maj. Gen. Carl E. Schaefer



Read Across America

Every year, volunteers from WPAFB look forward to what has become a favorite event...the celebration of the birthday of the beloved Dr. Seuss! On February 28th and March 1st, the National Museum of the USAF and the Educational Outreach Office partnered to host Read Across America. More than 700 second and third grade students from local schools delved into the rich imagination of Dr. Seuss and also learned of aircraft that they were beside. 2019 marked the 20th year for the national "read in" at the NMUSAF. It's not too early to sign up to volunteer for next year! If you are interested in participating, contact Kathy at katherine.emrick.ctr@us.af.mil.



WRIGHT-PATTERSON AIR FORCE BASE
**Job Shadow Day
Program**

Spring Job Shadow Day

Another great Job Shadow Day is in the books! There were 179 students who spent their day at Wright-Patterson AFB shadowing 85 mentors and co-mentors. Some of the career fields included Aerospace Engineering, Mechanical Engineering, Logistics, Acquisitions, Nursing, Security Forces, and Anesthesiology. Job Shadow students are high school juniors and seniors who are interested in STEM career fields.

The next shadow day will be in the fall. The date will be posted as soon as it's confirmed. Check back for more information at http://wpafbstem.com/pages/k12_jobShadow.html.



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