



WPAFB Educational Outreach



INSPIRING STUDENTS IN STEM

K-12 STEM ENQUIRER

June 2023

Daniel J. Andrews
AFRL/EZE STEM Division Chief
WPAFB K-12 STEM Lead
LEGACY Program
WPAFB Educational Outreach Office
STARBASE Wright Patt
2261 Monahan Way, Bldg. 196
Wright Patterson AFB, OH 45433
daniel.andrews.1@us.af.mil

LEGACY Hosts Apprentices

WPAFB LEGACY Jr. Apprentices and Apprentices went to the University of Dayton to earn their micro-credentialing badge in creative problem solving. Working with Institute of Applied Creativity for Transformation (IACT), students learned how to be effective, creative problem solvers by exercising four core sub competencies. Through activities like the 30 circle challenge, speed meeting, and persona user profile, students collaborated and tried out their new skills. The badge can be added to their resumes and LinkedIn accounts.

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Join us next month...

LEGACY Craftsman Camps



LEGACY Hosts Apprentices *cont'd.*



LEGACY Hosts Apprentices *cont'd.*

100 LEGACY Jr. Apprentices and Apprentices are working across 5 bases; Wright-Patterson, Eglin, USAFA, Hill, and AFOSR. Students are working with their mentors, attending Professional Refinement sessions, and will have the opportunity to earn their micro-credentiaing badges in creative problem solving and critical thinking.

Jr. Apprentices and Apprentices at Eglin AFB in Niceville, FL.



U.S. AIR FORCE



Jr. Apprentices and Apprentices at USAFA AFB in Colorado Springs, CO.



FIRST® Partner Workshops

The annual FIRST Partner Workshops were held in Phoenix, Arizona this June. Jessica Neidigh, Brenda Ronnebaum, and Megan Carroll participated in this highly engaging event designed to educate, motivate, and inspire. FIRST partners from across North America as well as several other countries were in attendance working on collaborative teams to prepare for the upcoming 2023-2024 robotics season themed *FIRST in SHOW*.

This upcoming season will focus on STEAM: Science, Technology, Engineering, Art, and Mathematics. In addition to creating and learning about resources, our team participated in region specific sessions with representatives from other states in our Northeast Territory, learned about inclusive design and creating inclusive events, analyzed data from the FIRST longitudinal study on the impact on participants, and so much more to help us prepare to kick-off the next season!

For more information about FIRST in Show, click [here!](#)

We would love to see you at our FIRST LEGO League kick-off Saturday, August 5 at the Dayton Regional STEM School! More information on this event to come in the July newsletter or you can contact [Brenda](#).



Megan Carroll, Nancy Richards, and Brenda Ronnebaum pose for a photo while attending the FIRST Partner Workshops in Phoenix, AZ.



2023 WPAFB Educational Fund Scholarship Recipients

This year marked the 38th year of the Educational Fund, which awards scholarships to the children and grandchildren of currently employed civilian members or active-duty military stationed at WPAFB.

Nate and Irma Rosengarten founded the Fund in 1985. Nate was a retired Colonel and experienced flight test engineer who had a passion for helping students achieve their educational goals, specifically those who were college-bound. Since its inception, the Fund has awarded more than 1,000 scholarships and 400 loans (in its early years), totaling \$916,000.



Pictured above left to right: Ms Kathy Watern (AFLCMC/CA), Evan Moore, Jeremy Eatough, Ben Russell, Karin Peterson, Brendan Smyers, Emilee McCormack and Mr. Larry Butkas (ret. AFLCMC/EZZ).

This year the Fund awarded nine scholarships to the following students: Jeremy Eatogh, Emilee McCormack, Karin Peterson, Ben Russell, Brendan Smyers, Caden Islam, Tamilyn James, Andrea Navarra and Evan Moore.

To learn more about this scholarship opportunity click [here](#).

Employee Spotlight

Name: *Angel Callahan (contractor)*

Title: *WOW! Program Manager*

Program: *WOW! - Wizards of Wright*

Years with the EO office: *I started working with the STARBASE program in August of 2014. I moved over to the WOW! program in September of 2017.*

What do you enjoy most about your role in the EO office? *I was a classroom teacher before coming to EO, and spent over 20 years working with and helping students. I am extremely lucky to now be in a position to work with and help teachers.*

What is your favorite aspect of working with students in STEM? *I appreciate the opportunity to help students find something new to be excited and passionate about.*

What accomplishment are you most proud of in the EO office? *I am most proud of helping the WOW! program grow. We transferred from having demos to ODE objective supporting lessons, we've added many new lessons and materials to our menu, we opened up WOW! on Wheels to many more teachers, we've created videos of many of our lessons for teachers to use in the classroom, and we've opened several flights that help parents find at-home STEM activities to do with their families. I also love that we give some amazing people an opportunity to shine as they volunteer to visit area classrooms presenting our lessons. I work with some of the best people I've ever met!*

If you had one superpower, what would it be and why? *I would want to fly—it seems so calm and peaceful.*

