

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

K-12 STEM ENQUIRER

LEGACY CAMP

The LEGACY program had students working at various bases (WPAFB, Robins, Eglin, and USAFA) throughout the summer as Jr Apprentices and Apprentices. These students received an opportunity for real-life work experiences. The experiences included Electrical Engineering, Civil Engineering, Mechanical Engineering, Materials Engineering, and many more! One student noted, "I am learning more each summer and it is going to tremendously impact my engineering college experience." LEGACY Jr Apprentice and Apprentices also attended professional refinement classes with topics such as "Balancing Work and Life," "What Hiring Managers Look For," and "What I Wish I Knew as a Young Scientist & Engineer."

In This Issue...

	Pg.
LEGACY Camp	1
FLL Rookie Camp	2
FLL WV Invitational	3



...Join Us Next Month

- WOW! Back to School!
- LEGACY Legacies





FIRST® LEGO League Rookie Camp

Over the course of two weeks in July, 10 rookie FIRST® LEGO League teams from the greater Dayton and Cincinnati area participated in a camp held at STARBASE Wright-Patt! The teams were immersed in robot design and programming lessons, and they also learned about the program's emphasis on innovation, teamwork, and communication. At the conclusion of each week, teams competed in a mock tournament complete with judging sessions and head-to-head robot matches. The motivated students demonstrated that they are definitely prepared to tackle the challenge of their first rookie season in the upcoming CITY SHAPER FIRST® LEGO League Challenge!

Special thanks to the team members and mentors from these local teams who supported the camp and provided mentorship to the teams participating: 17361 IDKY (FLL), 32411 QuickBots (FLL), 3311 Innovators Robotics (FTC), 3138 Innovators Robotics (FRC), 5811 BONDS Robotics (FRC), and 6936 Vault Robotics (FRC).



FIRST® LEGO League WV Invitational

Ohio FIRST® LEGO League teams had great success at the Mountain State Invitational. Lego Legion (Cincinnati) won 3rd Place Champion's Award, Robotic Rebels (Solon) won 1st Place Gracious Professionalism, and Thunder-Bots Robotics (Northmont) won 2nd Place Programming! Amazing performances by these strong Ohio teams!



<https://www.facebook.com/wrightpatteo>



wpafstem.com



<https://twitter.com/wpafbeo>