# USAFA K-12 STEM Outreach Program Newsletter

## April 2018

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- Teacher STEM Boot Camp Registration is Open!
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### United States Air Force Academy and Air Force STEM Webpages
- [https://www.usafa.edu/stem-outreach/](https://www.usafa.edu/stem-outreach/)
- [https://afstem.afciviliancareers.com/](https://afstem.afciviliancareers.com/)

### Teacher STEM Bootcamp
The elementary teacher spots for this Air Force Academy funded, action-packed, 3 day STEM Conference filled up on the first day of registration. If you are an elementary teacher who really wanted to attend, you have two options: call Challenger (719.598.9755) and put your name on a wait list or register for a middle school slot. The camp is July 17-19th at Bear Creek Elementary School in Monument. The registration fee is $60 and goes toward lunches, snacks, and the robots that you will receive. Middle and high school spots are still available. To register visit [http://www.challengercolorado.org/stem-bootcamp.html](http://www.challengercolorado.org/stem-bootcamp.html).

### Thank You Teachers
Many thanks to the teachers who recommended that their students apply for the summer biology internship. We received applications from many worthy candidates. Thanks as well to teachers who wrote letters of recommendation for students applying to USAFA’s summer Legacy Camps. We had almost 200 applicants for 60 spots.

### 2018 Local Summer STEM Camps
Check each website for additional camp details and prices.

**Challenger Learning Center Camps**

- **June 4-8 Challenger Learning Center**
  - Rocket Science (half day) Entering Grades 4-6 8:30-11:30AM
  - Operation: Space (half day) Entering Grades 4-6 12:30-3:30PM
  - Rocket Science & Operation Space (full day) Entering Grades 4-6 8:30-3:30PM

- **June 11-14 Bear Creek Elementary School**
  - Jr. Space Explorers Entering Grades 1-2 8:30-3:30
  - Astronaut Academy Entering Grades 3-5 8:30-3:30
  - Destination MARS Entering Grades 6-8 8:30-3:30

- **June 18-21 Mountain Ridge Middle School**
  - Junior Space Explorers Entering Grades 1-2 8:30-3:30PM
  - Astronaut Academy Entering Grades 3-5 8:30-3:30PM
  - Destination MARS Entering Grades 6-8 8:30-3:30PM
USAFA K-12 STEM Outreach Mission

The United States Air Force Academy Science, Technology, Engineering, and Math (STEM) Outreach Program mission is to offer a variety of programs and services that effectively engage, inspire, and attract the next generation of STEM talent.

Contact Us

USAFA Office of Research

The Office of Research strives to build a positive relationship with K-12 students and educators and encourage recruitment/growth of future cadets to develop skills implicit to national security and the nation’s competitive edge.

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June 25-28 Broadmoor Elementary School
Junior Space Explorers Entering Grades 1-2 8:30-3:30PM
Astronaut Academy Entering Grades 3-5 8:30-3:30PM
Destination MARS Entering Grades 6-8 8:30-3:30PM

July 9-13 Challenger Learning Center
Destination MARS Entering Grades 6-8 8:30-3:30PM
http://www.challengercolorado.org/

June 4-8 UCCS Medical Detectives and Robotics 8:00-Noon
https://www.uccs.edu/~pltw/

July 16-20 UCCS STEM Academy (Free)
Robotics, Cyber Security, Drones, CAD and Website Design
Entering Grades 9-12

Catamount Institute

June 4-8 or July 23-27 Creepy Crawly Safari Ages 6-8 Half-day camp 9:00-Noon
June 11-15 or July 16-20 Outdoor Explorers Ages 9-11
June 18-22 Adventure Camp Ages 12-14
June 25-29 Field Science Camp Ages 10-12
July 23-27 Water Camp Ages 10-12
www.catamountinstitute.org/education/camps

Science Playhouse

June 4-8 Green Beret Survival
June 11-15 Game Programming
June 18-22 BattleBotz
June 25-29 Brain Power
July 9-13 3D Printing
July 16-20 Green Beret Survival
July 23-27 Modding with Minecraft
July 31-Aug 4 BattleBotz
http://www.scienceplayhouse.com/
Space Foundation Camps
June 11-July 19  Features 4 week long themes Ages 7-12
June 4-8 Camp Invention Entering grades K-6 9:00-3:30PM
http://www.discoverspace.org/explorespace

Pikes Peak Children’s Museum for Adventures in STEAM
June 18-22 Entering grades 1-2  9:00-Noon
July 23-27 Entering grades 3-4  9:00-Noon
http://www.pikespeakchildrensmuseum.org/