

In This Issue

- Coming This Summer: STEM Craftsman Camps for Incoming 6th-9th Graders
- STEM Boot Camp
- Paid Mentoring Summer Opportunity at USAFA
- Schedule Now for Spring USAFA Visits
- Applications Accepted for Biology Summer Intern

United States Air Force
Academy and Air
Force STEM
Webpages

<https://www.usafa.edu/stem-outreach/>

<http://www.usafa.af.mil/>

<https://afstem.afciviliancareers.com/>

Coming This Summer: FREE STEM Craftsman Camps For Incoming 6th-10th Graders

The goal of a Craftsman Camp is to build an interest in STEM through hands-on activities while showing how math and science apply to the world around us. The five day camp is free and includes hands-on STEM activities, team projects, guest speakers, demonstrations and a field trip.

All camps will be held in Arnold Hall from 9:30AM-3:30 Monday-Friday. The date for 6th-8th grade camps is 4-8 June and 9th-10th grade camps are 11-15 June. To apply for the camps go to <http://wpafbstem.com/pages/legacy.html>. Click the Craftsman Camp button and open the application. Enter a Gmail address and then choose USAFA for the location. The deadline for a completed application is 16 March.



STEM Boot Camp

Date: July 17- 19, 2018

Location: Bear Creek Elementary School in Monument, CO

Registration opens April 2, 2018

STEM Boot Camp is a focused three-day professional development program co-sponsored by Challenger Learning Center of Colorado, the United States Air Force Academy and Siegel Family Endowment to improve STEM teaching skills for Southern Colorado K-12 educators.

STEM Boot Camp 2018 Theme: Implementing Computational Thinking in Your Classroom

This year's giveaways will be the BEST EVER! Each educator attending will receive 4 robots.

The fee for Bootcamp is \$60. Lunch and snacks will be provided each day.



QR Code for USAFA K-12 STEM
Outreach page

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

The new line-up of seminars will include:

- * Computational and Design Thinking
- * Biology
- * Robotics
- * Technology / Coding
- * Astronomy
- * Other STEM-related topics

Paid Mentoring Summer Opportunity at USAFA

SAME – Engineering and Construction Camps at USAFA

A Combination Mentoring and Engineering Professional Development Experience

World-class SAME Camps provide an incredible opportunity for teachers to learn as they work with young engineers. The USAFA SAME Camp is 25 June to 2 July 2018. Teachers spend the week at the Academy serving as mentors to high school students. Meals and sleeping accommodations are provided. A stipend is to be determined.

SAME Camps provide rising 10-12th grade students an opportunity to broaden their engineering knowledge and apply problem solving techniques while competing in teams. Camps are all designed to focus on hands-on activities, supervised and executed by engineers. SAME STEM camps have been in operation for 17 years and have a strong history of producing engineering and STEM college graduates.

Middle or High School teachers should be currently teaching one of the STEM disciplines. To apply go to <http://www.same.org/stemcamps> and click on the mentor tab to begin the application process. Download and complete the application package for a specific camp location and send an e-copy of your application to the senior mentor listed for the camp.

The application deadline is 15 May 2018. Contact Scott Prosuch if you have questions at sprosuch@earthlink.net.

to national security and the nation's competitive edge.

Lt Col Donald Rhymer

Associate Dean of Research

719.333.4195

Dr. Jim Solti

Chief Scientist

719.333.4195

Sandy Lamb

STEM Outreach Coordinator

719.333.8990

Sandra.Lamb.ctr@usafa.edu



Schedule Now for Spring USAFA Visits

STEM visits are available on Wednesdays or Thursdays in March and April. Schedule now if your group is interested. Available dates are: March 21,22,28,29 and April 4, 5,11,12,19 and 26.

Application Accepted for a Summer Biology Intern

High Schoolers with a driver's license are welcome to apply for the Biology Summer Internship. Applications close on March 16. Send completed applications to sandra.lamb.ctr@usafa.edu.