SAME Young Women’s STEM Day

The Air Force Academy will host a SAME Young Women’s STEM Day on April 14th. Fourth–twelfth grade girls are invited to explore a variety of hands-on stations dealing with lasers, rockets, telescopes and building materials. The goal of the workshop is to provide experiences that help inform future career decisions. The registration fee is $20. For more information contact Todd Cartwright, SAME STEM Chair, at TAC-VW@comcast.net. Register at http://posts.same.org/pikespeak.

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-3:30PM 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 has been extended to March 30th.

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 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.

The new line-up of seminars will include:

* Computational and Design Thinking
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.

Lt Col Donald Rhymer
Associate Dean of Research
719.333.4195

Sandy Lamb
STEM Outreach Coordinator
719.333.8990
Sandra.Lamb.ctr@usafa.edu

* 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.

Applications Accepted for a Summer Biology Intern

High School juniors and seniors with a driver’s license are welcome to apply for the Biology Summer Internship. A passion for life sciences and ability to work well with others is important. Applications close on March 16. Send completed applications to sandra.lamb.ctr@usafa.edu.