

In This Issue

- You're Invited
- Coming This Summer: STEM Craftsman Camps for Incoming 6th-9th Graders
- Summer Teaching / Mentoring Opportunities at USAFA
- February 8 eleSTEMary Workshop Features USAFA Cadets
- Available Dates for Elementary STEM Fridays
- Schedule Now for Spring USAFA Visits

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/>



You're Invited

Please join us in honoring Dr. Ron Furstenau at his retirement ceremony on Tuesday, January 16th from 3:30-5:00PM in Polaris Hall. (This is the building adjacent to Arnold Hall.) There will be a 20 minute ceremony followed by a reception. If Dr. Furstenau came annually to your classroom or performed for your school's STEM

Night, please consider attending this event to wish him well in retirement. If you plan to attend, please RSVP to andrew.peloquin@usafa.edu by January 14th.

Coming This Summer: 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.



Summer Teaching / Mentoring Opportunities at USAFA



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 to national security and the nation's competitive edge.

Legacy STEM Camps

Five paid teacher positions are open for the week-long 6th-10th grade Legacy Summer Camps. 6-8th grade camps are 4-8 June and 9-10th grade camps are 11-15 June. The student-teacher ratio is 1-12. The week-long schedule, lesson plans, materials, tours, field trip and guest speakers are provided. If interested, submit a resume to sandra.lamb.ctr@usafa.edu and indicate your grade-level interest by 16 March.

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.

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.

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



Feb 8th eleSTEMary Workshop Features USAFA Cadets

Cadets from the USAFA STEM, Falconry and Computer Science Clubs will provide demonstrations that are routinely used during their STEM outreach invitations. To reserve your spot at the workshop go to <http://www.elestemary.org> after 11 January.

Available Dates for Elementary STEM Fridays

STEM Friday lessons are free to local elementary classrooms. Four dates are available: 16 February, 23 March and 6 & 20 April.

Schedule Now for Spring USAFA Visits

STEM visits are available on Wednesdays or Thursdays in March, April and the first 2 weeks in May. Schedule now if your group is interested.