

2019 Bobcat Summer STEM Academy



The goal of this summer academy is to stimulate the interest of high school and elementary school students in science, technology, and engineering, and mathematics (STEM) disciplines and prepare them to pursue higher education



NSF-CREST Center for Cellular and Biomolecular Machines (CCBM) Sessions in collaboration with CalTeach at UC Merced
WITH FUNDING FROM THE NATIONAL SCIENCE FOUNDATION, THESE SESSIONS HAVE NO COST TO PARTICIPANTS

#1- SCIENCE AND TECHNOLOGY ENRICHMENT PROGRAM (STEP)

JUNE 24TH - JUNE 28TH: OPEN TO GRADES 8TH THROUGH 12TH Registration is closed

Engaging activities focused on the National Science Foundation-funded CREST center's research and education mission in engineering, biological science, physics, chemistry and computational science will include hands-on activities, projects, lectures, discussions, campus tours, lab tours, trainings, research activities and interactions with scientists and engineers. In addition, students will gain knowledge of what college is like and how to prepare for college. The sessions will enrich students' understanding of the opportunities abundant in STEM fields, as well as the capacity of STEM to positively impact society.

For more information visit: ccbm.ucmerced.edu



- Attendees are required to bring lunches, snacks and water bottles each day
- Students who have completed grades 8-12
- 24 spots
- 9:00 am - 4:00 pm M-F
- No cost

#2- CREST STEM CAMP

JULY 8TH - JULY 12TH : OPEN TO GRADES 3RD & 4TH Registration is closed

Engineering, biological science, physics, chemistry and computational science are the focus of the National Science Foundation-funded CREST center's research and education mission. In this camp, students will actively participate in stimulating hands-on activities and projects, lectures, discussions, campus tours, lab tours and interactions with scientists and engineers. This summer camp will increase students' exposure to stimulating STEM topics, the practice of STEM and how STEM benefits society.

For more information visit: ccbm.ucmerced.edu



- Attendees are required to bring lunches, snacks and water bottles each day
- Students who have completed grades 3-4
- 24 spots
- 9:00 am - 4:00 pm M-F
- No cost

Registration Information:

- <https://calteach.ucmerced.edu/form/registration-ccbm-bobcat-summer-stem-academy>
- Registration Deadline: May 31st, 2019 or until spots are filled!

Questions?

Email: calteach@ucmerced.edu

Call: 209-228-4098

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#3- CREST SCIENCE AND COMPUTING RESEARCH SUMMER PROGRAM **JULY 1ST- JULY 5TH (NOT JULY 4TH) OPEN TO GRADES 8TH THROUGH 12TH**

In this session, participants will engage in computer-driven science research-oriented activities in a group setting, led by faculty and scientists in the National Science Foundation-funded CREST center at UC Merced, which focuses on engineering, biological science, physics, chemistry and computational science. Hands-on research-based activities, projects, lectures, interactions with scientists and engineers and lab tours will enable students to get a better understanding of what it is like to do science research and what it is like to be a scientist. Through these activities, students will get a glimpse into the importance of research computing that connects all aspects of scientific research..



- **Attendees are required to bring lunches, snacks and water bottles each day**
- **Students who have completed grades 8-12**
- **24 spots**
- **9:00 am - 4:00 pm M-F**
- **No cost**

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