SUMMER 2017

SCIENCE CAMPS

Grades 5-12

Join us for hands-on, action-packed, thought-provoking science camps on the Clemson University campus!

- Crime Scene Investigation: Clemson!
- Weird & Wacky Food Science
- Engineering & Design Adventures (New in 2017!)
- Biotechnology, Health, and Society

Register online
clemson.edu/culsoc

Early bird fees available through April 1!

Day Camps
Residential Camps
All camps will be held in room G-26, Jordan Hall on the Clemson University campus. Enrollment will cap at 16 campers. Camps will be taught by Professor Victoria Corbin and other CULSOC personnel. The exact content of the camps is subject to change.

**DAY CAMPS** Register online: www.clemson.edu/culsoc

**Crime Scene Investigation: Clemson! (day camp for rising 5th-7th graders)**
- Investigate the scene of a crime to determine what happened and how.
- Learn how your senses take in information—and sometimes fool you.
- Identify criminals and victims using DNA, fingerprints, blood, and other tools of forensic sciences.
  Session 1 meets June 7-9 from 9:00 am-12:15 pm daily
  Session 2 meets July 11-13 from 9:00 am to 12:15 pm daily
  Cost: $100 before April 1; $130 after April 1

**Weird & Wacky Food Science (day camp for rising 5th-7th graders)**
- Discover what make food food! How is food different from other chemicals?
- Investigate how our bodies sense food and extract its energy.
- Research weird foods—from bugs to microbes!
  Meets July 18-20 from 9:00 am-12:15 pm daily
  Cost: $100 before April 1; $130 after April 1

**Engineering & Design Adventures (day camp for rising 6th-8th graders) NEW!**
- Research, design, and build cool machines to propel our hero and heroine safely over obstacles.
- Learn how everyday items work (e.g., circuits, robots, & catapults)
- Learn and apply basic engineering principals to solve fascinating problems!
  Meets June 13-16 from 9:00 am-12:15 pm daily
  Cost: $130 before April 1; $175 after April 1

**RESIDENTIAL CAMP** Register online: clemson.edu/summer/summer-scholars/

**Biotechnology, Health, and Society (residential camp for rising 10th-12th graders)**
- Analyze your DNA and use the results to predict whether you can taste certain foods.
- Learn how DNA evidence is used to identify criminals and to exonerate the falsely accused.
- Genetically modify bacteria to make them glow in the dark! Explore how genetically modified organisms are used to make pharmaceuticals and other products.
- Probe DNA databases to identify normal and defective genes.
- Explore the nervous system and discover how injury and disease can wreak havoc on our brains.

This camp is offered through the Clemson Summer Scholars Program. See clemson.edu/summer/summer-scholars/ for details and to enroll and pay. Transportation to/from local airports can be arranged. We cannot accept commuter campers for this session.

Dates: June 25-July 1 (Session Four).
Cost is $900 before April 1, $1000 after April 1

Running a summer youth program of your own? CULSOC will continue to provide half-day laboratory field trips in the summer 2017! See clemson.edu/culsoc/labs/ for lab descriptions and details.