

SUMMER SCIENCE CAMPS AT CU LIFE SCIENCES OUTREACH CENTER

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What you can expect:

- Solve real-world problems with science
- Ask questions and design experiments
- Debate key ethical issues in science and technology
- Age-appropriate, fun and relevant science exploration

Join us for hands-on, action-packed, thought-provoking science camps for grades 5-12 at Clemson University!

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FORENSIC SCIENCES

Day camp for rising 5th-7th graders

- Investigate a crime scene to determine what happened and how
- Learn how your senses detect clues — or fool you!
- Identify criminals and victims using DNA, fingerprints, blood and other forensic science tools

Session 1:

June 8-10
9 a.m. to 12:15 p.m.

Session 2:

July 18-20
9 a.m. to 12:15 p.m.

Early bird fee: \$95.

Fee after April 25: \$130.

FOOD, SCIENCE AND OUR SENSES

Day camp for rising 5th-7th graders

- Discover amazing chemical properties of foods through fun experiments
- Investigate how our bodies sense and metabolize foods
- Learn weird, fun facts about food and your body

Session 1:

July 6-8
9 a.m. to 12:15 p.m.

Early bird fee: \$95.

Fee after April 25: \$130.



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CELLS, DNA AND MEDICINE

Residential camp for rising 7th-9th graders

- Explore the human genome
- Learn how cells cooperate to make a functioning, healthy body
- Trace diseases back to defective genes, messed up molecules, faulty organelles or opportunistic microbes
- Discuss the ethics of genetic tests and medicine

Session 1 (co-ed):

June 12 at 3 p.m. through June 15.

Pick up between 3:30-6 p.m.

Session 2 (girls):

June 29 at 8 a.m. through July 2.

Pick up between 8-10 a.m.

Early bird fee: \$425.

Fee after April 25: \$500.

Limited slots will be open for day campers.

Early bird fee: \$250.

Fee after April 25: \$325.

Lunch included. Labs run from 9 a.m. to 3:30 p.m.

All classes will be held in room G-26, Jordan Hall.

Parents, grandparents and guardians are welcome to enroll and participate with their day campers.

Students in our residential camps will be housed in gender-segregated dorms, eat in the campus cafeteria and be supervised by counselors through the Pre-Collegiate Programs Office of Clemson University. Outside of lab, students will participate in social events on campus, including swimming, bowling and cookouts. Airport transportation to and from the Greenville-Spartanburg Airport is available for a \$100 fee each way.

For more information and to enroll visit clemson.edu/cafls/culsoc.

Labs and activities will be taught by Professor Vicki Corbin (vcorbin@clemson.edu) and other Clemson University personnel. Exact content of camp is subject to change.

BIOTECHNOLOGY, HEALTH AND SOCIETY

Residential camp for rising 9th-12th graders

- Analyze your DNA and correlate the results with how you 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

July 10 at 3 p.m. through July 16.

Pick up between 8-10 a.m.

Early bird fee: \$825.

Fee after April 25: \$900.

Limited slots will be open for day campers.

Early bird fee: \$375.

Fee after April 25: \$450.

Lunch included. Labs run from 9 a.m. to 3:30 p.m.



CLEMSON UNIVERSITY
Life Sciences
Outreach Center

Inspiring and empowering students of all ages