

While the traditional academic year has wrapped up for the summer, across the University of California system, summer is just getting started. And summer at UC means continuing academic programs and educational opportunities, as well as public performances, new museum exhibits and fun for the whole family.

Whether you're looking for a getaway to bring your family and friends closer, arts and entertainment that'll appeal if you're five or 95, career and college prep or a way to expose young students to science and technology -- UC has it all. Our doors are open all summer, and we hope you'll stop by.

Take a look at just a few of the summer offerings in communities across California.

1. Through [UC Agriculture and Natural Resources](#), 4-H and youth development summer programs are in full swing, including day and overnight camps open to all.
2. At [UC Berkeley's](#) Lair of the Bear family camp, families can spend a week doing outdoor activities or art and crafts, enjoying evening campfires and live entertainment or taking advantage of children's programming and guest speakers.
3. At [UC Davis](#), Bio Boot Camp offers high school and middle schoolers a chance to gain hands-on experience in ecology, wildlife biology, field research and conservation -- while working alongside UC Davis scientists.
4. At [UC Irvine](#), the New Swan Shakespeare Festival features outdoor performances each summer. This season, catch *Romeo and Juliet* and *The Merry Wives of Windsor*.
5. At [UCLA](#), the Fowler Museum is hosting summer programs for the public, including a new exhibition and a focus on film, poetry and music.
6. At [UC Merced](#), incoming students can enroll in Summer Edge, a free online program to get prepared for coursework before the academic year even starts.
7. At [UC Riverside](#), community members can enjoy the 40-acre botanic garden's summer programs, including story time, twilight tours and origami classes.
8. At [UC San Diego](#), the Birch Aquarium's Shark Summer is underway, featuring shark-themed exhibits, educational activities and special programs the whole family can enjoy.
9. At [UC San Francisco](#), the summer research program prepares college students for careers in biomedical science with research experience in a lab, including faculty mentorship.
10. At [UC Santa Barbara](#), summer means arts and lectures series, featuring public performances, film screenings,

author talks and cultural events open to the campus community, alumni and the public.

11. At the [UC Santa Cruz](#) Silicon Valley Campus, high school students can learn about artificial intelligence through lectures, hands-on projects and mentorship from faculty and researchers, opening up their eyes to career pathways in a critical emerging field.

12. All summer at [Lawrence Berkeley National Laboratory](#), high school students can enroll in programs to build professional skills, grow their networks and prepare for college and careers.

-- Chris Harrington, UC Associate Vice President,
Federal Governmental Relations

What We're Watching

1.

Controlling cholesterol

Researchers at **UC San Diego** uncovered a pathway explaining how high-cholesterol diets reduce the liver's ability to remove "bad" cholesterol. They identified an [investigational drug](#) that blocks the pathway and dramatically lowers cholesterol. The research, funded by the **National Institutes of Health** (NIH), could accelerate the development of a new treatment for heart disease, the world's leading cause of death.

2.

Preventing avian flu

A virologist at **UC Riverside**, with funding from the **U.S. Department of Agriculture**, is developing a tool using AI and proteomics to more [accurately detect avian flu](#). Through earlier detection and better tracking how the virus spreads through poultry farms, the hope is to contain outbreaks and protect the nation's food supply.

3.

Cybersecurity in the quantum era

Quantum computing is the new frontier, which also makes it vulnerable to cyberattacks. An electrical engineer at **UC Merced**, who just won a **National Science Foundation** (NSF) CAREER Award, is developing faster, more secure [quantum-resistant cryptography](#) to protect the nation's critical digital infrastructure -- all while training the next generation workforce our country will need to remain resilient.

4.

Advancing materials science

A collaboration with **UC Santa Cruz** and **UC Davis** researchers, as well as the UC-affiliated **Lawrence Berkeley** and **Los Alamos National Laboratories**, supported by the **Department of Energy**, made a [technological breakthrough](#) that will allow next-generation particle accelerators to perform better at revealing fundamental biological and chemical processes and advancing materials science and energy research.

5.

Repairing kidneys

There's a new drug that can help repair damaged kidneys by restoring the cells responsible for filtering waste from the blood. The **UCLA** research, supported by the **NIH**, could lead to new treatments for acute kidney injury and chronic [kidney disease](#), offering hope to millions of Americans.

Did You Know?

UC operates [community-based programs](#) at **7,000 sites** across California.

UC Cooperative Extension led **18,400 volunteers to donate 1.35 million hours of service**, the combined value of which is [estimated at \\$52.2 million](#).

UC reaches over **248,000 students** through [K-12 education programs](#) annually.

From Coast to Capital

HireUC Alumni Career Fairs

Aug. 18, Irvine | Aug. 20, San Francisco

The HireUC Alumni Career Summit brings together UC alumni for a day of networking, career exploration and meaningful connection with employers. Find out more information and register [here](#).



Federal Governmental Relations
1608 Rhode Island Ave. NW
2nd Floor
Washington, D.C. 20036
(202) 974-6300