

Science and health summer programs for high school students

UCSF Center for Science Education and Outreach (CSEO) Summer Opportunities

<https://cseo.ucsf.edu/summer-opportunities>

CSEO provides programs and services that lead to student academic success, increased college-going rates and exploration of various STEM careers for the students and schools they serve. Visit their website for summer opportunities for high school students.

UCSF Bay Area Youth Science (BAYS) Program

<https://pharm.ucsf.edu/bays>

The Bay Area Youth Science (BAYS) Program is an eight-week, paid summer internship for rising high school juniors and seniors who attend **SF KIPP College Preparatory** to conduct research in labs at UCSF.

UCSF Benioff Children's Hospital Oakland Summer Student Research Program

<https://summerstudents.ucsf.edu>

This paid summer program provides a one-on-one mentorship with health care providers and researchers, along with access to unique workshops, seminars, trainings, simulations, and networking opportunities. Applicant must be a high school junior or senior year with at least one completed year in math and biology, 16 years of age or older by June 1st of year of program, and from a background considered under-represented in the sciences.

UCSF AI4ALL

<https://ai4all.ucsf.edu/>

During the summer, UCSF and AI4ALL are partnering to teach AI (Artificial Intelligence) to high school students from underrepresented groups, focusing on AI for biomedical applications. The program targets current 9th-12th graders from racial/ethnic groups dramatically underrepresented in AI: Black, Hispanic/Latinx, and Native American. Applications from young women are particularly encouraged.

UCSF Institute for Global Health Sciences

<https://globalhealthsciences.ucsf.edu/education/global-reach/summer-researchers-global-health>

Summer Researchers in Global Health is a six-week summer internship for rising high school seniors that introduces students to global health concepts and immerses them in challenging, real-life projects. Each summer, qualified students from participating San Francisco Bay Area high schools learn from and work with expert global health researchers at the Institute for Global Health Sciences on the UCSF Mission Bay campus.

Oasis for Girls & The UCSF Department of Neurological Surgery – ENVISION Internship Program

www.oasisforgirls.org/envision

Oasis for Girls provides after school programs for young women of color, ages 14-18, from under-resourced communities in San Francisco. Oasis partners with the UCSF Department of Neurosurgery and LinkedIn for the ENVISION program to provide a medical internship experience.

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UC Davis REMOTE Young Scholars Program for High School Students

<http://yjsp.ucdavis.edu/>

The UC Davis Young Scholars Program is a summer residential research program designed to expose approximately 40 high achieving high school students to the world of original research within the fields of the biological, agricultural, environmental and natural sciences. Applicants must be 16 years of age by the first day of the program but not 18 years of age at the end of the program.

COSMOS California State Summer School for Mathematics and Science

<https://cosmos-ucop.ucdavis.edu/app/main>

Four-week summer residential program for students who have demonstrated an aptitude for academic and professional careers in science, technology, engineering and mathematics (STEM) subjects. Students completing grades 8-12 have the opportunity to work with renowned faculty, researchers, and scientists in state-of-the-art facilities. Through challenging curricula that are both hands-on and lab-intensive, COSMOS fosters its students' interests, skills, and awareness of educational and career options in STEM fields. Students apply to one of the four University of California's COSMOS campuses — UC Davis, UC Irvine, UC San Diego, and UC Santa Cruz.

Exploratorium Explainer Program

<https://explainers.exploratorium.edu/highschool/>

High School Explainers, the Exploratorium's youngest employees (ages 15-20), are a diverse group of students who engage visitors at exhibits, lead demonstrations, guide and inform visitors to the museum, and run many museum operations. By sharing with the visiting public, Explainers enhance visitors' experience and gain an understanding of informal methods of science learning. Explainers are paid San Francisco's Minimum wage. Applications can be found on the Exploratorium jobs page when positions are available. E-mail:

hsesupervisors@exploratorium.edu

The Lawrence Hall of Science Teen Research Programs

<https://lawrencehallofscience.org/visitors/teen-research-programs/>

As part of the University of California, Berkeley, The Lawrence benefits from cutting-edge work and research. Our Teen Research Programs are developed in collaboration with campus departments and enable access to people, labs, and experiences that are unique to UC Berkeley. Teens will benefit from the science content as well as from connecting with others. Meeting graduate students and faculty who are doing real-time research at the university level, and hearing their personal narratives, provides an inspiring, empowering experience and creates pathways for the next generation.

California Academy of Sciences Youth Programs

<https://www.calacademy.org/youth-programs>

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Bay Area Teen Science (BATS)

<http://bayareateenscience.org/>

A portal to Science, Technology, Engineering, and Math (STEM) opportunities for all San Francisco Bay Area teens. Information on variety of programs including: Girls Who Code, NASA STEM Enhancement in Earth and Space Science, TASC program: Teen Advocates in Science Communication (Cal Academy), Emerging Innovators Program, talks, workshops, and dozens of programs described.

Stanford Medical Youth Science Program (SMYSP)

<https://smysp.spcs.stanford.edu/>

The Stanford Medical Youth Science Program is a five-week online enrichment program focused on science and medicine that is open to low-income, underrepresented high school juniors who live in Northern and Central California. Join their mailing list to receive announcements about the program and application information.

Stanford Office of STEM Outreach

<https://oso.stanford.edu/programs/high-school-students>

Various STEM programs for high school students.

Institute for Broadening Participation

<https://pathwaystoscience.org/K12.aspx>

Fully funded STEM programs, funding information, career information, and other STEM resources for K-12 students and their parents and teachers (national programs list).