

UCSF AI4ALL

<https://ai4all.ucsf.edu/> (July 8th - 26th in 2024, no 2025 dates yet)

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 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> (2025 Applications due February 14, 2025)

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. Open to high school students in their junior or senior year, with at least one completed year in math and biology and from a background underrepresented in the sciences OR Undergraduate students currently enrolled in an undergraduate program.

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

<https://cseo.ucsf.edu/summer-opportunities> (CURE applications due Sunday, February 16, 2025)

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 Community and Health Adolescent Mentoring Program (CHAMPS)

<https://www.ucsfbenioffchildrens.org/about/ccch/programs/champs>

CHAMPS (formerly called FACES for the future) supports minority high school students interested in health professions. This program is located in the East Bay and is a 3-year commitment for current sophomores and will participate in an annual six-to-eight-week clinical rotation in various hospital departments. Students receive an academic letter grade and high school credit for their participation and written work.

UCSF Institute for Global Health Sciences

<https://globalhealthsciences.ucsf.edu/education/global-reach/summer-researchers-global-health> (June 10-July 18, 2024, no 2025 dates yet)

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.

UCSF Research Initiative to promote Diversity in Radiology (RIDR Program)

<https://radiology.ucsf.edu/about/diversity/RIDR-program> (Applications due January 31, 2025)

RIDR is a research and academic career development program funded by the Department of Radiology and Biomedical Imaging and developed by the department's Diversity and Inclusion committee. We

provide unique research experiences and focused mentorship to students from diverse backgrounds. Our goal is to provide an early opportunity for students to explore radiology as a career choice and support the next wave of innovation in our field.

***Open to high school, college, or medical student level**

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

www.oasisforgirls.org/envision (Spring program application due January 31. No dates yet for summer program.)

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.

UC Davis REMOTE Young Scholars Program for High School Students

<http://ysp.ucdavis.edu/> (Applications due March 15, 2025)

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> (Applications due February 7, 2025)

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://www.exploratorium.edu/education/explainers/high-school/program> (APPLY AS A "HIGH SCHOOL EXPLAINER" [HERE](#))

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: hsexplorators@exploratorium.edu

The Lawrence Hall of Science Teen Research Programs

<https://lawrencehallofscience.org/visitors/teen-research-programs/> (2025 DATES ADDED | REGISTRATION IS CURRENTLY OPEN!)

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> (CiS Applications due on April 1, 2025)

Various STEM programs for high school students.

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://med.stanford.edu/odme/high-school-students/smysp.html> (Applications due March 17, 2025)

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> (Summer programs may not be updated until winter or spring 2025)

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).

CNSI K-12 Education Opportunities

<https://cnsi.ucla.edu/k-12-students/> (Deadlines for various programs in June 2025)

CNSI offers four Summer Institutes for high school students in collaboration with UCLA Summer Sessions and our Art|Sci Center. The workshop-style courses are developed and led by instructors who are immersed in the field of nanoscience eager to cultivate the next generation of scientists.