

AAUW CALIFORNIA

TECH TREK ALUM COMMUNITY



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Social Media & Contact

Instagram: [@aaauwtechtrek_ttac](https://www.instagram.com/aaauwtechtrek_ttac)

Linkedin: [AAUW California Tech Trek](https://www.linkedin.com/company/aaauw-california-tech-trek)

Slack: <https://bit.ly/TTACSlack>

Official AAUW CA Tech Trek

Website: <https://www.aauw-ca.org/tech-trek/>

General Request Email:
techtrek-ttac@aauw-ca.org

Welcome Back!

We're excited to bring you the second edition of the official AAUW California Tech Trek Alum newsletter! We will continue to be sharing the latest updates, upcoming events, and opportunities to keep you connected with the Tech Trek community. In this edition, you'll find even more ways to stay engaged in STEM - whether you're looking for internships and volunteer opportunities, curious about different STEM career paths, or eager to connect with fellow alumnae. Whether you're in middle school, high school, or beyond, we're here to support your STEM journey every step of the way.

More STEM Internships + Volunteer Opportunities

Scripps Research Institute

The Scripps Research Translational Institute's Student Research Internship program is now accepting applications! They offer a 10-week summer program designed for high school, undergraduate, graduate, and professional students - which is designed for students interested in health sciences, statistics, and computer science. The participants will gain hands-on experience in laboratory techniques and contribute to ongoing research projects. To learn more about this program, visit [their website](#) to learn more.

Experiences in Research at Lawrence Berkeley National Laboratory

This program offers high school students the opportunity to conduct research under the guidance of Berkeley Lab scientists, focusing on various STEM fields. It is a six-week long program focused around the different aspects of STEM, such as data science, experimental research, science communication, and more. If this program is for you, visit <https://k12education.lbl.gov/programs/high-school/experiences-in-research>.

Girls in Engineering Counselor in Training Program

This program offers high school students the opportunity to conduct research under the guidance of Berkeley Lab scientists, focusing on various STEM fields. It is a six-week long program focused around the different aspects of STEM, such as data science, experimental research, science communication, and more. If this program is for you, visit <https://k12education.lbl.gov/programs/high-school/experiences-in-research>.

Careers in Science Internship Program – California Academy of Sciences

The California Academy of Sciences is now accepting applications for the Careers in Science program - paid multi-year internships for San Francisco youth underrepresented in STEM fields. Interns engage in scientific research, museum education, and youth development, working alongside Academy scientists and educators. If this is for you, visit [their website](#) to learn more.

STEM Career Spotlight

Biomedical Engineering

What do Biomedical Engineers do?


Biomedical Engineers combine engineering principles with principles like medical and biological sciences to create technology that improves healthcare. Their work can include:


- ✓ Designing medical devices (like prosthetic body parts or pacemakers)
- ✓ Developing compatible materials for things such as implants
- ✓ Improving imaging technology (like MRI and CT scanners)
- ✓ Innovating in regenerative medicine

Why It's Exciting

Biomedical engineering sits at the crossroads of science, technology, and healthcare, driving innovations that directly improve lives. From advanced prosthetics and wearable health monitors to 3D-printed organs, this field is transforming the future of medicine with limitless possibilities!

Skills & Education

 Skills: Problem solving, creativity, math biology, and engineering

 Education: A bachelor's degree in biomedical engineering or a related field (like chemical or electrical engineering with a biomedical focus)

How to Get Started Now

- Take STEM-focused classes in high school (especially biology, physics, and calculus)
- Join STEM-related clubs such as robotics or Science Olympiad
- Look for research opportunities, volunteer work, or internships in healthcare settings.


Biomedical engineering is a career where science meets innovation—and it's changing the future of medicine! If you love problem-solving and want to make a difference in people's lives, this field is worth exploring.

Alumnae Q&A

Stay Connected with our Tech Trek Alumnae!

Want to stay in the loop with exciting STEM opportunities, alumnae events, and networking with fellow Tech Trek grads? Fill out our Tech Trek Alumnae Connect form to share your interests and get involved!

Whether you're looking for mentorship, internships, or just want to share your STEM journey, this is your chance to be part of an inspiring community.

 Fill out this form to be featured in a future newsletter!

Don't miss out—sign up today and help shape the future of our alumnae network!