

TTAG NEWSLETTER - MAY 2023



TTAG Announcements

VIRTUAL CAMP Tech Trek Alumnae INVITED

Who: Tech Trek Alumnae who attended the 2022 Tech Trek VIRTUAL CAMP

When: Saturday May 6, 3 PM

Where: Sports Basement Bryant Street - 5th floor

What: at the **Tech Trek Send Off Party** you will meet and greet the Summer 2023 Tech Trek campers! Share your experience, run icebreakers, mentor younger students and talk about TTAG! And you will meet the 2023-2024 TTAG Scholarship recipients!

RSVP: rpcvalle@gmail.com

EVENT: College Application Essay Writing Workshop

When: Sunday, May 7 at 2:00 PM

Who: 10 and 11th grade TTAG students (especially rising 12th graders)

Where: online

<https://us02web.zoom.us/j/87143213478?pwd=cWpnaKpNSW5GL2xkNWJFchYwa0pmQT09>

What: Jumpstart your college application essay NOW! A workshop filled with tips and constructive advice, especially geared to rising 12th graders so they can start reflecting and working on their college application essays during the Summer, taking the time to develop ideas and writing skills.

TTAG SUMMER INTERNSHIP

Who: 9th graders and up aspiring to do an internship - start building your resume now while helping TTAG grow!

When: Summer 2023

Where: Remote

What: you will help with TTAG web content, membership, programming, flyer design, STEM opportunity research

Apply: email a cover letter expressing your interest to: rpcvalle@gmail.com

Deadline: May 15

STILL RECRUITING VOLUNTEERS FOR TECH TREK 2023

Camp Counselors

Who: Tech Trek Alumnae 16 +

When: June and July 2023

Where: virtual camp

What: stipend available

Apply: techtrek@aauw-ca.org or [Instructions to Apply to Volunteer at Tech Trek \(aauw-ca.org\)](#)

Women in STEM/STEAM Career Forum (from our partners at South Bay L.A. TTAG)

Who: All Tech Trek Alumnae

When: Saturday May 21, 4-5:30 pm PST

Where: online

What: From our Southern California TTAG partner, the South Bay L.A. TTAG, here comes a Women in STEM panel where you will listen and learn from 4 young women in 4 very different careers: medical, technology in entertainment, engineering and financial officer for a large woman-owned company. Ask questions and get answers for your future!

Link: contact rpcvalle@gmail.com

STEM SUMMER PROGRAMS & INTERNSHIPS

TEEN RESEARCH PROGRAM

What: Learn about a range of STEM and STEM-related careers and career pathways while interacting with college and graduate students, and working scientists. All grade 10-12 programs are either residential or have the option for a residential add-on. Grades 7-9: Coding and Engineering Nanosatellites - Designing and Engineering Bridges - Body Systems and Biomedical Innovations

Grades 10-12: Bioinspired Design - Biotech Genetics - Science of Social Media and Attitudes - Forest Ecology (at Sagehen Creek Field Station, Truckee National Forest) Marine Biology (at Bodega Bay Marine Lab) - Artificial Intelligence--AI4All

Who: Students entering grades 7 – 12

When & Where: Varies by program (UC Berkeley campus, field stations and labs)

Info: [Teen Research Programs – The Lawrence Hall of Science](#)

The Stanford Program for Inspiring the Next Generation of Women in Physics (SPINWIP)

Who: high school girls

What: A FREE 3 week summer learning program designed to get high-school girls excited about physics.

When: July 10 - 28, Monday through Friday - 9am - 1pm PDT. Exact schedule will vary day-to-day

Where: video chat

Application: goto.stanford.edu/spinwip-2023

Deadline: May 1st, 11:59 pm PST

Program Information: <https://physics.stanford.edu/about/equity-and-inclusion/spinwip>

Contact: spinwip_info@stanford.edu

Berkeley Lab Director's Apprenticeship Program and Experiences in Research (EinR) Program

What: Interested in a hands-on learning experience at Berkeley Lab? Both programs are paid work-based opportunities. Students must live and attend schools in Northern California to participate.

When: Summer 2023, in-person and online activities

Apply: [Berkeley Lab Director's Apprenticeship Program \(BLDAP\)](#) and [Experiences in Research \(EinR\)](#)

Headwaters Research Experience

What: a program for students looking to take their science education to the next level and bolster a college resume, participants design and create an original research project while being mentored by a professional scientist. Students see through the project from conception to publication by conducting field research (or compiling pre-existing available datasets) and learning how to analyze their findings. Students complete the program with a finalized research presentation and a formal research paper that will be submitted for publication.

Who: HS students

When: 6/13/2023 to 8/01/2023

Info: [Headwaters Research Experience](#)

Apply: [Financial aid application](#) due dates: Summer: 5/13/2023

Exploratorium High School Explainers

What: Paid opportunity through the Exploratorium, help engage visitors during visits, perform demonstrations and more

Where: Exploratorium

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

Apply: Applications will be made available [here](#) when there are openings

Age: 15-18 year old high school sophomores, juniors and seniors

Opportunities for All 2023

When: Summer 2023

Where: Online/In Person

What: Paid summer internships

Website: <https://www.opps4allsf.org/>

Apply: Applications open February 15 2023

Virtual CASP

When: June 12 - 16, 2023

Where: Online

What: Virtual lessons on anatomy for those interested in pursuing a career in healthcare.

Website: <https://med.stanford.edu/anatomy/education/virtual-casp.html>

Personalized Medicine, Big Data & AI Explorers Workshop

Who: HS Students aged 16 and up

Where: Online

When: M-F July 24 - August 4

What: Students learn about innovations in healthcare and research.

Website: <https://med.stanford.edu/genecamp/SBCCW.html>

Cost: \$1000 before May 31, \$1200 June 1. Financial aid available!

STEM SCHOLARSHIPS

Cameron Impact Scholarship

Who: Current High School juniors (Class of 2024)

What: Merit based four year full tuition scholarship

When: Early deadline: May 19, 2023 @ noon PST, Regular deadline: September 8, 2023 @ noon PST

Info: <https://www.bryancamereducationfoundation.org/scholarship>

Society of Women Engineers (SWE) Scholarship: APPLY ! STILL SPOTS AVAILABLE !

Who: Current High School Seniors

What: The freshman application (for incoming freshman students) for the 2023-2024 academic year

When: ASAP as there are still spots available

Apply: <https://swe.org/scholarship>

IF YOU MISSED PRIOR TTAG EVENTS

If you missed the **Tech Trek Alumnae in STEM (or not) Panel** on April 16, 2023 and would like access to the recordings, please contact us at: rpcvalle@gmail.com.

CONTACT US



May 2023

It's our goal to bring you workshops, camps, extra-curricular activities, internships, and other exciting opportunities in STEM. Please do not hesitate to contact us if you would like to share with your TTAG community any cool STEM Ed event taking place at your high school. Want to share info and opportunities or give us feedback?
Please contact us at: rpcvalle@gmail.com