TTAG NEWSLETTER - APRIL 2023

TTAG Announcements

RECRUITING VOLUNTEERS FOR TECH TREK 2023

Camp Counselors

Who: Tech Trek Alumnae 16yo +

When: June and July 2023, depending on camp site

Where: residential camp or virtual camp

What: stipend available for virtual camp

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

EVENT: Tech Trek Alumnae in STEM (or not)

When: Sunday, April 16 at 12:30 PM

Who: for all Tech Trek Alumnae (8th to 12th grade)

Where: via zoom at: https://us02web.zoom.us/j/87012046245

What: you will hear from three Tech Trek Alumnae about their journey from rising 8th grade Tech Trekkers to STEM (or non-STEM) undergrads, and how they envision the Tech Trek Alumnae Group of the future. Find more information about the panelists HERE

EVENT: Essay Writing Workshop

When: Sunday, May 7 at 2:00 PM

Who: 10 and 11th grade TTAG students (particularly 11th graders)

Where: online (link for registration coming soon)

What: A workshop filled with tips and constructive advice, especially geared to 11th 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 to 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

STEM Activities & Opportunities

TeenTechSF STEM Inclusivity Forum

When: April 15

Who: All students 13-18 year old and first time coders are encouraged to participate

Where: Oakland, CA

What: hear from diverse role models from Adobe, Bitwise, SalesForce, and PilotCity to connect with nternship/summer program opportunities in STEM for teens and join hands-on STEM workshops on Machine Learning, Video Game Design, and App Creation

Register at: https://2023-ttsf-sif.eventbrite.com (required), FREE

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: Varies by program

Where: Varies by program (UC Berkeley campus and at UC field stations and labs)

Financial Aid application deadline: March 5 (full or partial scholarships)

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

Lawrence Hall of Science and

Berkeley Artificial Intelligence Research (BAIR) Lab

Who: Students entering grades 10 and 11 from marginalized communities and of identities that are underrepresented in the current AI workforce

When: July 24-28

Where: Soda Hall, UC Berkeley, CA

Registration/Tickets Required: Yes (FREE!)

Deadline: April 10

Info:https://lawrencehallofscience.org/camps/a-i-4-all-artificial-intelligence-for-real-life-problem-solving/

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 1, 11:59pm PDT

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

Careers in Science (CiS) Program

What: California Academy of Science internship program

Who :applicants must be currently enrolled full time as a 9th or 10th grade student in an SFUSD school

When: Afterschool and weekends - Multi-year, year-round participation

Where: California Academy of Science, San Francisco

Info:[Careers in Science (CiS](#)

Apply: by April 3, 2023 at 11:59 PM - [Learn more and apply today](#)

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

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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

Mission Bit FREE Coding Classes
When: Summer 2023
Where: In Person / Virtual options available
What: Free coding classes in Python, Unity, HTML/CSS and more!
Website: https://www.missionbit.org/classes/ Apply by April 30th at 10pm

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

AAUW
San Francisco Inc. (CA) Branch

SCHOLARSHIP: Cameron Impact
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.bryancameroneducationfoundation.org/scholarship**

IF YOU MISSED PRIOR TTAG EVENTS

If you missed the **Financial Aid Workshop** on January 26, 2023 and would like a copy of the presentation slides, please contact us at: rpcvalle@gmail.com.

CONTACT US

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