

TTAG NEWSLETTER - SEPTEMBER 2024



TTAG ANNOUNCEMENTS

TTAG MEMBERSHIP - If you attended Tech Trek during the Summer, you are invited to join the AAUW-SF Tech Trek Alumnae Group (TTAG; pronounced TeeTAG) of the San Francisco Branch of the American Association of University Women (AAUW-SF). If you attended Tech Trek in prior years and are not part of TTAG yet, this is a good time to sign up and become a member.

TTAG Membership will not only provide you with a community of like-minded girls interested in STEM, but also with access to college readiness workshops, STEM career panels, and a newsletter with opportunities and events tailored to TTAG's goals and interests. Finally, TTAG members will be eligible to apply for the TTAG Scholarship offering up to \$16,000 over 4 years to support college related expenses. More info and application form to come.

To Join TTAG or Renew your TTAG membership, please fill the form [HERE](#).

For questions: please contact us at: rpcvalle.aauw@gmail.com

JOIN US AT OUR
WELCOME BACK PARTY
 Saturday September 7
 2 - 4 PM
 Stonestown Sports Basement
 3251 20th Ave, San Francisco, CA

FOR RETURNING TECH TREKKERS AND THEIR FAMILIES, & ALL AAUW BRANCH MEMBERS!



RSVP BY EMAILING LIENCAITLIN@GMAIL.COM

JOIN THE TECH TREK ALUMNAE GROUP!

TTAG IS A GROUP OF TECHTREK ALUMNAE WHO CONTINUE THE TECHTREK EXPERIENCE BY EXPLORING STEM OPPORTUNITIES, SETTING THEMSELVES UP FOR SUCCESS IN COLLEGE AND BEYOND. TO LEARN MORE ABOUT TTAG, CHECK OUT [HTTPS://SANFRANCISCO-CA.AAUW.NET/](https://sanfrancisco-ca.aauw.net/).

EXPLORE STEM FIELDS	HOST EDUCATIONAL EVENTS AND COLLEGE WORKSHOPS	DEVELOP LEADERSHIP SKILLS
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REGISTER FOR TTAG BY SCANNING THIS QR CODE!




RECRUITING TECH TREK ALUMNAE FOR WELCOME BACK PARTY

Who: Tech Trek Alumnae

Where: Stonestown Sports Basement

What: Join our Welcome Back Party to celebrate our returning campers and 2024 new Tech Trek Alumnae cohort, and be an active mentor

RSVP: rpcvalle.aauw@gmail.com

COLLEGE PREP for 10th GRADERS

When: Sunday, October 2, 12:30 - 2:30 PM

Who: TTAG, TTAG parents welcome

Where: online (link for registration coming soon)

What: In our College Prep Series, discover the criteria to consider when applying for college, from campus size to financials - with Brianna Bennett, independent Educational Consultant from Climbing to Success College and Career Consulting.

FOR SENIORS (2024-2025)

If you missed the College Essay Writing Workshop, here is what you should know:

- YOU CAN DO THIS!
- TIME IS YOUR FRIEND
- USE YOUR AUTHENTIC VOICE
- TAILOR YOUR ESSAY TO EACH COLLEGE
- YOUR ESSAY SHOULD STAND OUT (Soundbite)
- START WRITING during the SUMMER BEFORE SENIOR YEAR
- PLAN FOR DEADLINES

If you'd like access to the recordings, please contact us at: rpcvalle.aauw@gmail.com

STEM ACTIVITIES & OPPORTUNITIES

UC DAVIS COASTAL AND MARINE SEMINAR

Who: High school and beyond

What: Resolving the Nearshore: Remote Sensing and Data Driven Analysis of Fine Scale Mixing, Turbidity, and Sea Surface Temperature of the Ocean off Northern California

Where: Virtual

When: September 4 @ 3:00pm-4:00pm

Apply/More info here:

<https://bml.ucdavis.edu/events/john-and-mary-louise-riley-seminar-series-bodega-marine-laboratory>

FIRST FRIDAY: SCI FI

Who: Everyone

What: Explore the science behind the fiction with special guest speakers, design your own spacesuit with Spaceship Runaway, and groove to live music in the Pleiades Courtyard.

Where: 10000 Skyline Blvd, Oakland, CA, 94619

When: September 6 @ 6:00pm - 10:00pm

Apply/More info here: <https://chabotspace.org/calendar/first-friday-sci-fi/>

A MEMORIAL LECTURE ON THE ENGINEERING ASPECTS OF THE WORLD TRADE CENTER COLLAPSE

Who: Everyone

What: Honor the memories of the victims of the tragic and criminal terrorist attacks on the World Trade Center towers, as well as pay tributes to the first responders, the firefighters, EMTs, and police officers who so heroically sacrificed their lives to save others. Second, the lecture focuses on the engineering aspects of the tragic collapse of the World Trade Center.

Where: Virtual

When: September 10 @ 2:00pm - 3:30pm

Apply/More info here:

<https://events.berkeley.edu/brc/event/256541-a-memorial-lecture-on-the-engineering-aspects-of>

SOLAR OBSERVING

Who: Everyone

What: Join SJAA for an amazing and detailed view of the sun.

Where: Houge Park, 3972 Twilight Drive, San Jose, CA, 95124

When: September 15 @ 2:00pm - 4:00pm

Apply/More info here: <https://www.meetup.com/sj-astronomy/events/302912862/>

THE MARINE MAMMAL CENTER YOUTH CREW

Who: High school students ages 15-18

What: An annual service-learning program where teens get hands-on experience in marine science and environmental education. You'll join an Animal Care Crew to take part in animal husbandry and become an educator to engage people in conversations about our ocean.

Where: Sausalito, CA

When: January - August 2025

Deadline: September 18, 2024

Apply/More info here:

<https://www.marinemammalcenter.org/get-involved/volunteer/sausalito/youth-crew#Stipend>

STEWARDSHIP SATURDAY: VALUING SEAWEED FOR HUMANS AND MARINE LIFE

Who: High school students

What: Join Kelpful and The Marine Mammal Center as we explore the many values of the macroalgae, seaweed, for humans, marine mammals, and the ocean!

Where: 50 San Juan Street Avila Beach, CA 93424

When: September 28 @ 9:00am - 12pm

Apply/More info here:

<https://www.eventbrite.com/e/stewardship-saturday-valuing-seaweed-for-humans-and-marine-life-registration-972418960287>

WATCH THE STEM CAREER TALKS REPLAY BY THE BERKELEY LAB

Who: Everyone

What: Learn about the wide range of STEM professions through Berkeley Lab staff and Bay Area professionals

Where: Virtual

When: Ongoing

Apply/More info here: <https://k12education.lbl.gov/programs/virtual/career-talks>

THE NASA PSYCHE MISSION INNOVATION TOOLKIT BY NASA

Who: High school and beyond

What: A free online course series based on the real-world science, engineering, technology, and teamwork behind the Psyche mission.

Where: Virtual

When: Ongoing

Apply/More info here: <https://psyche.asu.edu/get-involved/innovation-toolkit/>

MEET OUR SUMMER 2024 TTAG INTERN



Hi, my name is Ila Duong, and I attended Tech Trek in 2022. I am a current sophomore at Archbishop Riordan and this summer, I was looking for opportunities to gain hands-on experience in what piqued my interest. Luckily, I stumbled upon the opportunity to become a TTAG intern, where I could develop new skills and get involved with TTAG behind the scenes. As an intern, I contributed to various projects shown and featured in the monthly newsletters, such as the TTAG event fliers and the July newsletter itself. In addition, I worked on producing a college/university spreadsheet and AI research paper that helped me grasp a deeper understanding of those areas.

Partaking in this internship allowed me to become an active member of TTAG while strengthening my abilities and growing my interests. I'm happy to say that I highly enjoyed my experience this summer and am looking forward to finding more ways I can be involved in TTAG and my community in general.

STEM READS

This month's topic: Galaxies

Writer: Andrew Fraknoi

Title: Supernova Rhythm

Description: An astronomer finds a pattern in supernova explosions in a galaxy that hints at the work of an advanced civilization

Link: https://www.researchgate.net/publication/310397794_Supernova_Rhythm

Writer: Greg Egan

Title: Riding the Crocodile

Description: Advanced life in the Galactic bulge remains aloof from the later life that evolves in the Galaxy's disk

Link: <https://www.gregegan.net/INCANDESCENCE/00/Crocodile.html>

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: liencaitlin@gmail.com (Caitlin Lien)