

# TTAG NEWSLETTER - JULY 2024



## TTAG ANNOUNCEMENTS

Join us at our  
**WELCOME BACK PARTY!**  
**SAVE THE DATE**  
Saturday September 7  
2 - 4 PM  
Stonestown Sports Basement

Register for TTAG!



## TECH TREK WELCOME BACK PARTY

**Who:** Tech Trek Campers, Families, AAUW-SF, Tech Trek Alumnae

**Where:** Stonestown Sports Basement

**What:** Join our Welcome Back Party to celebrate our 2024 selected Tech Trek campers + bring your project!

**RSVP:** [iladuong2008@gmail.com](mailto:iladuong2008@gmail.com)

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## SF-TTAG Student Board is RECRUITING \*NEW\* Members

**Who:** SF Tech Trek Alumnae from Grades 8-12

**When:** Apply by July 15th, 2024

**What:** Gain leadership skills and work with a dedicated board to initiate and plan events and workshops. Volunteer with driven individuals (like YOU!) to work behind-the-scenes in making the SF-TTAG community a success! A one-year, renewable, commitment to SF-TTAG Board tentatively starting in August.

**Apply/More info here:**

[https://docs.google.com/forms/d/e/1FAIpQLScwhzUlyVusxKrZIWwOGEaMQZv2miUPU\\_OqzAIHEMIh3d8tQ/viewform](https://docs.google.com/forms/d/e/1FAIpQLScwhzUlyVusxKrZIWwOGEaMQZv2miUPU_OqzAIHEMIh3d8tQ/viewform)

**Questions:** Email [rpcvalle.aauw@gmail.com](mailto:rpcvalle.aauw@gmail.com)

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## A TTAGer AT THE AAUW LEADERSHIP CONFERENCE



### Meet Lexian!

**Here is what she had to say about the AAUW Leadership Conference this past month:**

I had the incredible honor of attending NCCWSL 2024 this past weekend at the University of Maryland in College Park, hosted by AAUW! At the conference, I met so many kind, amazing, and inspiring attendees and speakers. I learned how to curate my personal brand, success strategies for women in STEM, and the strategies behind winning scholarships. I also got my resume reviewed, attended an Arduino workshop and networked with college students from over 100 different states. During the Women of Distinction event, I got to hear from all of the 2024 awardees, who emphasized the importance of education, resilience and persistence. I'd like to thank AAUW of San Francisco for giving me the amazing opportunity to attend NCCWSL ! It was a great

experience filled with opportunities for networking, growth and reflection, and there are workshops/events for everyone, with topics such as financial literacy, resume writing, mental health, authentic leadership, and many more! I'd be happy to share more details about my experience or answer any questions! You can contact me at [lexilexi1825@gmail.com](mailto:lexilexi1825@gmail.com)!

### TECH TREK 2024 SEND OFF PARTY RECAP



On June 1st, a send-off party was held to celebrate and guide the 2024 Tech Trek campers as they set forth on this new experience ahead of them.

### WHAT ARE YOU DOING THIS SUMMER?

How you spend your free time is an important piece of your college application process; that is where you explore careers, develop interests; build skills, and ultimately grow! Let us know what you are doing this summer and get featured in our back-to-school Newsletter!

Contact: [liencaitlin@gmail.com](mailto:liencaitlin@gmail.com)

### FOR RISING SENIORS (2024-25)

If you missed the **College Application 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 ESSAYS SHOULD STAND OUT (Soundbite)
- START WRITING during the SUMMER BEFORE SENIOR YEAR
- PLAN FOR DEADLINES

If you would like access to the recordings, please contact us at: [rpcvalle@gmail.com](mailto:rpcvalle@gmail.com)

## STEM ACTIVITIES & OPPORTUNITIES

### ACADEMY NATURIST TEEN (ANT) VOLUNTEERS

**Who:** Teens ages 15-17

**When:** September - December 2024

**What:** Help Academy guests of all ages learn, tinker and investigate while gaining skills in public speaking and informal science engagement.

**Where:** California Academy of Sciences

**Deadline:** July 1st

**Apply/More info here:**

<https://docs.google.com/forms/d/e/1FAIpQLSckfcbwvn-rgKOdx8QgzrtwOa6keQMneYqatU16VISTUEUwTg/viewform>

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### BRITE & SCIENTIFIC ADVENTURES FOR GIRLS (SAfG) STEM SCHOLAR CLUB'S VIRTUAL SUMMER PROGRAM

**Who:** Self-identified girls of color ages 13 -16 year old

**When:** July 15th - August 1st, 2024

**What:** Join like-minded peers for a free virtual STEM program this summer

**Where:** Virtual

**Deadline:** Rolling basis (first come first served)

**Apply/More info here:**

<https://docs.google.com/forms/d/e/1FAIpQLSdQkbziCmYyo0Xave5NyN1pRbvgGfCuWONuAE7xLplnnztpuA/viewform>

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### NASA'S ASTRO PHOTO CHALLENGE SUMMER 2024 - CASSIOPEIA A

**Who:** Everyone

**What:** Join NASA's Universe of Learning for an exciting opportunity to use real astronomical data and tools to create your own beautiful image of Cassiopeia A. Explore how this dynamic dead star behaves across different types of light or just create an image that you think is beautiful.

**Where:** Virtual

**Deadline:** August 5th, 2024

**Apply/More info here:** <https://mo-www.cfa.harvard.edu/OWN/astrophoto/>

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### STEMBRIDGE VOLUNTEER

**Who:** Everyone

**When:** 1 - 2 times a week

**What:** Become a math or programming tutor helping to foster STEM in the youth, all while gaining volunteer hours.



**Where:** In-person or Virtual

**More info:** <https://www.stembridge.page/volunteer.html>

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### **STEMEd FOR GIRLS 2024-25**

**Who:** High school girls

**When:** Varies by session

**What:** Brought to you by AAUW National, STEMEd for Girls is a FREE series of lively, informative, and engaging virtual workshops for those interested in exploring or pursuing STEM in college

**Where:** Virtual

**More info:** <https://www.aauw.org/resources/programs/stemed-for-girls/>

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### **ALLCOVE PALO ALTO: STUDY COVE (HOSTED BY SUPPORTED EDUCATION AND EMPLOYMENT)**

**Who:** Youth ages 12-25

**When:** Mondays from 4:30 PM - 6 PM

**What:** Go enjoy a quiet space to read, study, work or just relax (snacks and music are provided)

**Where:** 2741 Middlefield Road, Suite 102, Palo Alto CA

**More info:** <https://allcove.org/>

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### **NEW: SF- DCYF NEW YOUTH PORTAL OPENS!**

**Who:** San Francisco youth ages 14-24.

**When:** Deadlines vary by program

**What:** The Opportunities for Youth portal is the best place to find summer jobs, summer programs, internships, scholarships, contests, and much more for

**More info:** <https://www.dcyf.org/youth-ages-16>

<https://www.dcyf.org/youth-under-14>

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## **STEM READS**

**This month's topic:** Comets and Cosmology (The Origin and Evolution of the Universe as a Whole)

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**Writer:** Gregory Benford

**Title:** Backscatter

**Description:** A stranded prospector in the Kuiper Belt discovers a kind “flower That can exist on an “iceteroid” (a hybrid between a comet and an asteroid.)

**Link:** <https://reactormag.com/backscatter/>

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**Writer:** Stephen Baxter

**Title:** Beyond Flesh

**Description:** In the far, far future, the energy of evaporating supermassive black holes is the last hope of living beings in an expansive universe.

**Link:** <https://www.infinityplus.co.uk/stories/gravitymine.htm>

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**Writer:** Gregory Benford

**Title:** Anomalies

**Description:** Envions of the “Big Rip” that would end an accelerating open universe.

**Link:** <https://reactormag.com/the-final-now/>

## 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](mailto:liencaitlin@gmail.com) (Caitlin Lien)