

## TTAG NEWSLETTER - JULY 2025



## TTAG ANNOUNCEMENTS

### STUDENT BOARD SIGN UP - **DEADLINE SOON!!**

**Who:** 8-12th grade

**What:** We are looking for new AAUW SF-TTAG board members!

- President
- Vice President
- Communication Coordinators
- Events Coordinators

**Find more info on these positions here:**

[https://docs.google.com/document/d/1MyKUfuf5vpZBXsoaajL01vKmVC-EGK\\_nXoT\\_XQ-cJ5A/edit?tab=t.0#heading=h.vnb8n7wbdd3w](https://docs.google.com/document/d/1MyKUfuf5vpZBXsoaajL01vKmVC-EGK_nXoT_XQ-cJ5A/edit?tab=t.0#heading=h.vnb8n7wbdd3w)

**When:** ASAP!! (Deadline July 15) Accepting on rolling basis

**Link:** <https://forms.gle/RicTv6aCaHiVUNtt8>

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**CA-TTAC Slack Community is **OPEN** + Listen to Sonia Lee's Presentation**

**Who:** All Tech Trek Alumnae

**How:** To join, fill out this brief form: [Slack Interest Form!](#)

**What:** The Slack channel for all Tech Trek Alumnae from all over California is now open and will be accepting members. These resources will help high school and college students to connect, offer college guidance, advice and mentorship.

**Questions? Contact:** [sonialee3068@gmail.com](mailto:sonialee3068@gmail.com)

**Presentation**

**link:**[https://us02web.zoom.us/rec/share/fny83J5diJZAWd9VUIXXJCBZ6WI5w55YxoCaX\\_nGO6xGekhSC31VZtdM53wgTgTf.ZBTkCQYJK\\_4gPVKs](https://us02web.zoom.us/rec/share/fny83J5diJZAWd9VUIXXJCBZ6WI5w55YxoCaX_nGO6xGekhSC31VZtdM53wgTgTf.ZBTkCQYJK_4gPVKs)

## STEM ACTIVITIES & EVENTS



### First Saturday: Free Tour of the Santa Cruz Arboretum

**Who:** Everyone

**What:** On the first Saturday of each month, the Arboretum offers a docent or staff-led tour of the Arboretum. Sometimes you will see New Zealand, South Africa, California, and Australia. Sometimes you might see combinations of several gardens or the developing World Conifer Collection or Rare Fruit Garden. Tour length varies depending on what's in bloom and what the participants request.

**Where:** Santa Cruz

**When:** July 5th (11:00-12:30)

**Apply/more info here:**

<https://arboretum.ucsc.edu/eventscalendar/events/recurring-events/first-saturday-tour.html>

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### Independent Artists Fair

**Who:** Everyone

**What:** We're thrilled to announce that The Crucible will host our inaugural Independent Artists Fair. This special event will showcase the incredible talent of local artists and makers, featuring a vibrant mix of Crucible community members and some of our favorite Bay Area vendors.

**Where:** Oakland

**When:** June 6th (10:00-6:00)

**Apply/more info here:** <https://www.thecrucible.org/events/>

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### Confessions of a Former Conspiracy Theorist - Livestream

**Who:** Everyone

**What:** The list of individuals who have managed to escape the rabbit hole of conspiracism is short, but there is an even shorter list of individuals who have then gone on to become popular skeptical podcasters. Former conspiracy enthusiast Coleman Watts discusses why people fall for cults and cons, and how he managed to

climb out of the rabbit hole. What's the best way to talk to a conspiracy theorist to dissuade ???" and persuade ???" them from their views? Is misinformation taking over, and if so, why? Coleman Watts will talk about all of this and more in an engaging talk about his experiences debunking the views he used to embrace.

**Where:** Online

**When:** July 10th (6:30 PM)

**Apply/more info here:** <https://baskeptics.org/upcomingskeptalk/>

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### **Tule Boat Workshop**

**Who:** Everyone

**What:** Join Vincent Medina and Louis Trevino of the 'ottoy Initiative for a hands-on workshop celebrating Ohlone cultural traditions and the waterways of the Bay. Learn how to craft a traditional tule boat, an essential watercraft of the Ohlone people, and test it in the pond in our Forces That Shape the Bay outdoor exhibit. This special event highlights the deep connection between Ohlone traditions, local ecology, and sustainable practices. Join us for a hands-on experience blending history, craftsmanship, and environmental learning!

**Where:** Berkeley

**When:** July 10th (1:00-3:00)

**Apply/more info here:**

<https://lawrencehallofscience.org/events/tule-boat-workshop-with-the-ottoy-initiative/>

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### **Introduction to Research camp**

**Who:** Kids from 6th grade up

**What:** A field camp that guides students sixth grade and older through the process of science in the natural world as they investigate a research topic in the field of ecology.

**Where:** Webber Lake

**When:** July 11th - July 13th

**Apply/more info here:**

<https://headwatersscienceinstitute.org/science-camp/introduction-to-research-camp>

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### **Girls Summer Research Camp**

**Who:** Girls entering 7th-12th grade

**What:** A 4-day, 3-night research camp that offers an immersive scientific research experience for female students, where they work in an all-female cohort at Webber Lake, guided by professional female scientist mentors.

**Where:** Webber Lake

**When:** July 16th & 17th

**Apply/more info here:**

<https://headwatersscienceinstitute.org/science-camp/girls-summer-science-camp/>

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### **Lunch Break Science - Livestream**

**Who:** Everyone

**What:** Lunch Break Science is a dynamic live web series featuring fascinating short talks, engaging interviews, and lively Q&A with Leakey Foundation scientists. Each episode digs deeper into the latest human origins discoveries, with topics like Neanderthals, chimpanzee behavior, and more! Even better, you can interact with researchers during the show and have your questions answered on air.

**Where:** Online

**When:** July 17th (11:00-11:30)

**Apply/more info here:** <https://leakeyfoundation.org/events/>

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### **Raising AI: An Essential Guide to Its Use**

**Who:** Everyone

**What:** In a world in which artificial intelligence will change everything, we need a leader to illuminate the impact of “the automation of thought” on our way of life. How is the widespread use of AI impacting our world, our minds, and our future - not just as a technical innovation but as a mode of culture? Should we be afraid?

**Where:** San Francisco

**When:** July 17th (5:30-7:00)

**Apply/more info**

**here:** <https://www.commonwealthclub.org/events/2025-07-17/raising-ai-essential-guide-its-use>

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### **The Marine Mammal Center's 50th Anniversary Celebration, Northern Range**

**Who:** Everyone

**What:** Mingle with The Marine Mammal Center's leadership and experts as well as like-minded ocean heroes. Buy your 50th swag at our retail stand. Watch our short celebratory 50th Anniversary reel, engage with our education tables and more! Food and drinks will be available for purchase.

**Where:** Sebastopol

**When:** July 19th (12:00-2:00)

**Apply/more info here:**

[https://www.eventbrite.com/e/the-marine-mammal-centers-50th-anniversary-celebration-northern-range-tickets-1406371016569?\\_gl=1\\*icr96t\\*\\_ga\\*MTAxOTE5NzY3Mi4xNjgwMjkyOTc2\\*\\_ga\\_VQJ1KLY1KH\\*czE3NTA1NTIwNDckbzEyMCRnMSR0MTc1MDU1MjA0NyRqNjAkbDAkaDA](https://www.eventbrite.com/e/the-marine-mammal-centers-50th-anniversary-celebration-northern-range-tickets-1406371016569?_gl=1*icr96t*_ga*MTAxOTE5NzY3Mi4xNjgwMjkyOTc2*_ga_VQJ1KLY1KH*czE3NTA1NTIwNDckbzEyMCRnMSR0MTc1MDU1MjA0NyRqNjAkbDAkaDA)

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### **Long-billed Curlew - Livestream**

**Who:** Everybody

**What:** Learn about the biology of these charismatic birds, the largest North American shorebird: their habitats, nesting requirements and migratory journey. Learn how satellite technology is uncovering some of their mysteries and is connecting communities from the mountains of Idaho to coastal California.

**Where:** Online

**When:** July 24th (7:00 PM)

**Apply/more info here:**

[https://goldengatebirdalliance.org/speaker\\_series/long-billed-curlew/](https://goldengatebirdalliance.org/speaker_series/long-billed-curlew/)

## TTAG NEWS

### Beach Clean Up Event - June 7, 2025







Top, from left to right: Nora, Katherine, Kristi, Caitlin, TTAG Advisor, and Ila (Photo Credit: Julie R.)

**Caitlin Lien:** Attending this beach cleanup with the girls was such a great bonding experience. Being able to talk with everyone about not only STEM related activities but also high school, college, and their goals made our connections to each other much deeper. I was so glad there was such a large range of girls that came, from past alumni to current participants. Some highlights from the event were competing with the rest of the girls to see which group could fill their bags with the most trash and all of us being able to get something from the cafe in the middle of the event. Seeing all the girls in our last event before summer was a GREAT last hurrah!

**Callista Leung:** I thoroughly enjoyed my time at this beach cleanup as it was a great experience, but also a time to connect with other girls in our program. I had so many laughs, smiles, and intriguing conversations, sparking my opportunity to explore, gain advice, and tips for the future. I didn't regret a single second, catching up with old and newer members, while doing a competition on the beach. This allowed for some of our competitive nature to come out, for searching for the most silly items that might have flown onto the beach. I can't wait for more fun times like this in the future, and looking forward to more events like this!

## ONGOING / USEFUL LINKS

### Summer Jobs, Programs & Opportunities for Youth Ages 14-24

Looking for a job this summer? Or maybe wanting more opportunities for youth? Look no further, this useful link compiles tons of programs for ages 14-24. Check out the link below.

**Link:** <https://www.sf.gov/summer-programs-for-youth>.

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**Watch the STEM Career Talks replay by Berkeley Lab**

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

**Link:** <https://k12education.lbl.gov/programs/virtual/career-talks>

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**NASA Psyche Mission Innovation Toolkit**

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

**Link:** <https://psyche.asu.edu/get-involved/innovation-toolkit/>

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**GuideX.Co**

A (student-created) resource for high schoolers across the nation to find 500+ extra-curricular opportunities.

GuideX offers modules for students, employers/organizations, and educators:

- 1) High Schoolers and parents can search for opportunities
- 2) Employers/organizations can submit opportunities for high schoolers
- 3) Educators can use the tool to guide their students

**Link:** <https://guidex.co/>

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**CAREERS IN SCIENCE (CiS) INTERN PROGRAM**

Careers in Science is a multi-year, year-round paid internship and youth development program for San Francisco youth who come from communities typically underrepresented in science, technology, engineering, and math (STEM) fields.

**Link:** <https://www.calacademy.org/careers-in-science-cis-intern-program>

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## STEM READS

**Britannica All New Kids' Encyclopedia: What We Know & What We Don't**

**This month's topic:** Everything!!

**Author(s):** Britannica Group and Christopher Lloyd

**Description:** Earth? Space? Animals? History? STEM? The Britannica All New Kids' Encyclopedia has them all. This beautifully illustrated, 424-page compendium of knowledge is a must-have addition to every family bookshelf and library collection!

**Link:** <https://www.amazon.com/Britannica-All-New-Kids-Encyclopedia/dp/1912920484>

## IF YOU MISSED TTAG EVENTS...

If you missed an online event or are interested in past COLLEGE PREP or FINANCIAL AID workshops, please contact us for the presentation, the recordings or both at: [rpcvalle.aauw@gmail.com](mailto:rpcvalle.aauw@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:



- [elizabethgraceoshea@gmail.com](mailto:elizabethgraceoshea@gmail.com) (Elizabeth O'Shea)



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