



STEM TREK DAY

June 8, 2019

UC Davis Tahoe Environmental Research Center, Incline Village, NV

AAUW North Tahoe successfully collaborated with our 3 sister branches, South Lake, Tahoe Nevada, Truckee-Donner, and received input from the Reno, NV branch, to present **Women Solving Medical Mysteries and Exploring Space** at TERC in the UC Davis Science Center at Sierra Nevada College (see program on page 5).

In attendance were **41 girls**, and **43 members** from throughout the region. Five passionate and inspiring speakers volunteered for STEM Trek Day, including a Tech Trek alumna from North Tahoe branch. Two environmental scientists from SWEP (Sierra Watershed Education Partnerships) taught teambuilding.



Introduction by Meri McEneny



Patricia Watters



Members from sister branches



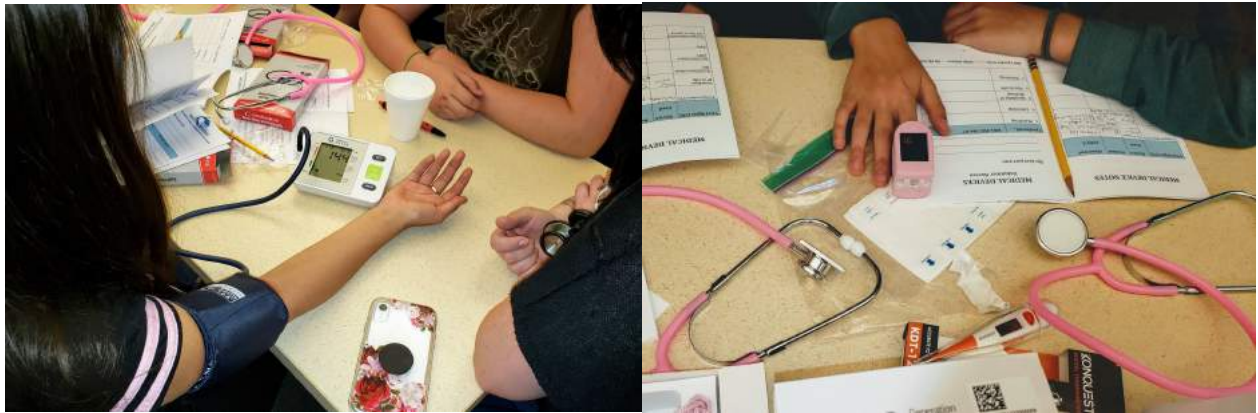
Jennifer Hagen, MD (UNR) & Esmeralda Clark, FNP (UNLV)

Photos courtesy of Johnnie Lee and Patricia

Vital signs medical equipment training

Jan Lynds, a retired RN from AAUW South Lake Tahoe and a member of our STEM Trek interbranch committee, was the team leader for the vital signs activity. She selected, ordered and organized all the medical equipment.

A total of **10 registered nurses** volunteered to help. Eight of them taught the 8 groups of girls about vital signs. Our members **Linda Larish** and **Diane Morrison** were “floaters”, helping where needed.





Luncheon speaker **Kim Popovits**, CEO of Genomic Health



Julia Levy (2005 Teck Trek alumna, on the right) - Propulsion Engineer at Virgin Orbit

Post-Event Thoughts

This is an expansive new approach to STEM Trek Day by opening attendance to all interested girls, region wide. A minimum grade-level of 7th grade seems important for now.

There were challenges initiating this type of program in Incline Village, NV where there was no existing Tech Trek program with a pool of interested girls. The Tahoe NV branch reached out to school administrators and teachers and through the newspaper. The Truckee-Donner branch used the newspaper also.

Several grants were applied for, which is demanding and time-consuming, but when successful, this allows for expansion of the program. **Kiwanis of North Lake Tahoe** agreed to change their financial support from Tech Trek to STEM Trek Day. **AAUW-CA** supplied grant funds and told us to reapply next year! South Lake branch received donations from their local Soroptimist and Kiwanis groups.

In the coming year, we will keep the collaboration going with our sister branches and start early. We will continue to apply for grants. We plan to work at creating a programmatic schedule (for 7th – 12th graders) that runs in a 5-year cycle to offer new material/focus each year at STEM Trek Day without a repeat. Example: Year 1: Medicine, Year 2: Engineering, Year 3: Math, etc., so that we are not reinventing the wheel each year.

Meri McEneny – Tech Trek/STEM Trek Day Coordinator

“Women Solving Medical Mysteries And Exploring Space”

STEM TREK DAY

SATURDAY, JUNE 8, 2019, 8:30AM-3:30PM
UC Davis TERC, Sierra Nevada College, Incline Village, NV

**YOU ARE
INVITED!
It's FREE!**

8:30-8:50 am - Registration & breakfast provided

8:50-9:00 am - Introductions & outline of the day

9:00-11:30 am - Medical Mystery clinical case study with:

- Jennifer Hagen, MD, UNR Medical School
- Esmeralda Clark, FNP, UNLV School of Nursing
- Vital signs hands-on medical equipment training

11:30-1:00 pm - Lunch provided

12:10-12:45 pm - Kim Popovits, CEO Genomic Health, luncheon speaker

1:00-1:35 pm - SWEP team building activity

1:40-2:20 pm - Kelly Fox, software engineer, Johns Hopkins Univ. APL
“Past and Future Innovations in Spacecraft Systems”

2:20-2:35 pm - Break

2:35-3:15pm- Julia Levy, propulsion engineer Virgin Orbit, *NT Tech Trek 2005*
“For the Love of Rockets”

3:15-3:30 pm - Evaluations, gratitude and closing



Supporting Middle & High School girls interested in Science, Technology, Engineering & Math

Presented by



North Tahoe, South Lake Tahoe, Tahoe Nevada, & Truckee Donner Affiliates
AMERICAN ASSOCIATION OF UNIVERSITY WOMEN

Co-Sponsors



UC DAVIS
Tahoe Environmental
Research Center



***RSVP by May 10 to Meri, mmceneny@gmail.com, 775 831-6071**