

## Schedule

8:00 am

Registration at the Soda Center

8:45-9:15 am

Welcome by DR. KRISTEN BECK

Keynote address:

EVE PHILLIPS

Group Product Manager,

GOOGLE and

Council Member, City of Orinda

9:30-10:40 am

Workshop I

11:00 am-12:10 pm

Workshop II

12:10-12:50 pm

Lunch

1:00-2:10 pm

Workshop III

2:20-3:00 pm

Closing Session

## Registration Process



\$25 per student  
(Scholarships available)

- Registration opens January 19th.
- The conference is limited to 200 girls in 6th – 8th grade on a “first come, first serve” basis.
- To reserve your space, register and pay by credit card online:  
<http://www.expandingyourhorizons.org/conferences/AAUWSAINTMARYS/>



presented by

THE AMERICAN ASSOCIATION  
of UNIVERSITY WOMEN  
Orinda-Moraga-Lafayette Branch

and EXPANDING YOUR  
HORIZONS NETWORK



Hosted by  
SAINT MARY'S COLLEGE  
of CALIFORNIA  
and its SCHOOL OF  
SCIENCE



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Girls! Do you love  
Science & Math?

**JOIN AAUW**

at a one-day

**S.T.E.M.  
Conference  
& Workshop**



**SATURDAY  
MARCH 17, 2018**

Saint Mary's College  
Soda Center • Moraga

Open to all Middle  
School Girls interested  
in learning more about  
Science, Technology,  
Engineering & Math

## About the Conference

## HANDS-ON WORKSHOPS

### CONFERENCE GOALS



- To increase the interest of young women in mathematics, science, engineering, and technology through positive, hands-on experiences.

- To foster awareness of career opportunities in STEM related careers.

- To provide young women with opportunities to meet and interact with positive role models who are active in math, science, engineering and technology-related careers.



**SIGN UP NOW  
FOR AN EXCITING DAY!**

### EARTH SCIENCES

- Beekeeping and Agriculture: Sustaining Our Future
- Climate Change: History, Consequences and Solutions
- Experiments in Space – Where No One Can Hear You Scream!
- Exploring the Microscopic World
- Minimize Your Personal Impact on Climate Change Trends - Challenge Your Creativity

### ENGINEERING

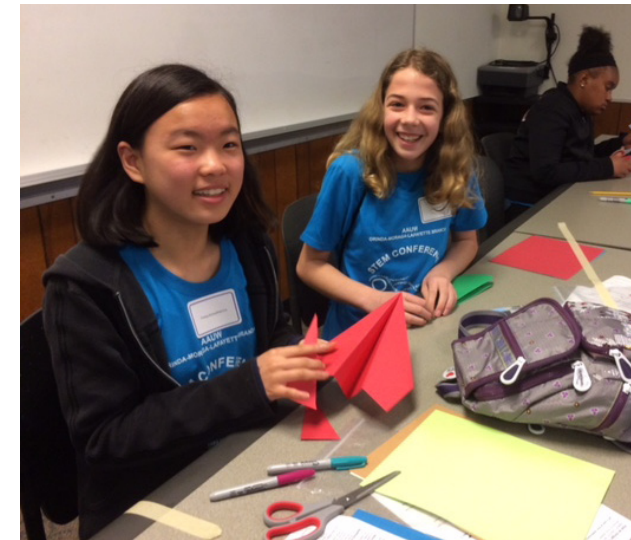
- Bottle Rockets: An Introduction to Aerospace Engineering
- Affordable Housing for Gummy Bears - Designing Buildings with Purpose
- Learn to Design and Build Bridges

### HEALTH SCIENCES

- Get to Know Your Brain – Dissect a Sheep's Brain
- Heart Felt: The Cardiovascular Exam
- Sugar, Carbs, Fat and Calories: What's All the Fuss?

### TECHNOLOGY

- FBI CSI - Join an FBI Team for a CSI Adventure
- Get Creative with Coding – Coding from “Scratch”
- Inside Computers – Disassemble and Rebuild a Computer
- Introduction to IT Security Using Cryptography
- Using Media to Move Girls to the Center of the Story



## A Special Invitation to Parents

By registering online, parents can join a morning workshop from 9:00 – 11:30 am featuring a keynote speaker and panel of experts. The theme of this presentation is *“Negotiating the Maze: How to guide your daughter through choosing her academic electives in high school and college to ensure academic and professional success in the pursuit of her dreams.”* Refreshments and a campus tour will also be included.

(Please note: conference workshops are open to girls only.)