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

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

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/

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

OUR GENEROUS SPONSORS:

CHEVRON

LAMORINDA SUNRISE ROTARY

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About the Conference

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.

HANDS-ON WORKSHOPS

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.)

SIGN UP NOW FOR AN EXCITING DAY!