AAUW
empowering women since 1881

Linda Hallman, Executive Director
Colloquium on Global Diversity
New York City, February 27, 2015
AAUW is a leading source of funding for women pursuing graduate degrees

$3.7 MILLION
HOW MUCH WE GIVE TO STUDENTS AND GRASSROOTS PROJECTS EVERY YEAR

43% of our fellowships and grants support STEM fields

12,000 WOMEN & GIRLS are empowered by the Community Action Grant projects we support
AAUW provides science camps and events for girls

Girls who completed precalculus in 2009

Teck Trek Alumnae: 77%
National Average: 37%

87% of respondents had completed algebra II, compared with 78 percent of female students and 73 percent of male students nationally.

73% of respondents said Tech Trek introduced them to STEM college majors of which they were previously unaware.

87% of respondents said Tech Trek introduced them to new STEM careers.
Why So Few?

Women in Science, Technology, Engineering, and Mathematics

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Figure 1. Women in Selected STEM Occupations, 1960-2013*

* Postsecondary teachers are not included.

1 In the 1980 and 1990 censuses, data include life scientists as well as biological scientists.
2 In the 1960 and 1970 census, the category was titled "chemists". In the 1980 and 1990 censuses, the category was titled "chemists except biochemists".
3 In the 1960 census, no category for computer scientists was included; in the 1970 census, the category was titled "mathematicians and computer specialists." In the 1980, 1990, and 2000 Census, the category was titled "mathematical and computer scientists".

Intent of First-Year College Students to Major in STEM Fields, by Gender, 2014

Figure 6. Bachelor's Degrees in Computing by Gender and Discipline, 2013

- Computer and information sciences, general: 18% women, 13% men
- Computer science: 13% women, 22% men
- Information science/studies: 17% women, 34% men
- Software and media applications: 10% women, 13% men
- Systems networking and telecommunications: 21% women, 18% men
- Computer IS support services, including data processing: 18% women, 13% men

xx% = Percent women
Purple = Women
Green = Men
Men make up 74% of the computing workforce.


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Retention of Women in Computing

Figure 12. Retention in computing, 2010

Years Since Bachelor's Degree Completed

Women

Men
In a test of implicit bias, most people associate science and math fields with “male”
SOLVING THE EQUATION

The Variables for Women’s Success in Engineering and Computing
SOLVING THE EQUATION

The Variables for Women's Success in Engineering and Computing

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Be a Part of Solving the Equation

• Host a “watch party” on March 26 and enjoy the launch from the comfort of your living room.
• Download the report or the free Power Point Presentation.
• Join AAUW at events around the country.
• Write an op-ed, blog, or tweet.

Where can I get all the details?
Go to www.aauw.org and click on the report link.