

## FRIDAY FACTS: WOMEN AND GIRLS IN STEM

**Did you know:** women attend college, graduate, and pursue post-graduate degrees in higher numbers than men, yet women and girls are underrepresented in STEM fields (science, technology, engineering, and math). Increasing the number of smart, talented women who pursue STEM-related careers is key to creating jobs and keeping America on the edge of innovation.

### Representation

**7.6 million**

people in the U.S. worked in STEM fields in 2010

Women make up 48% of the U.S. workforce

— *but* —  
hold only 24% of STEM jobs

#### The gap starts early.

According to an American Society for Quality poll of 8- to 17-year-olds, 24% of boys said they were interested in an engineering career, versus 5% of girls

**1/3**

of all Bachelor's degrees in the U.S. are in STEM fields, compared to 53% of first degrees in China and 63% in Japan

Women earn 41% of PhDs in STEM fields

— *but* —  
only make up 28% of tenure-track faculty in those fields

**40%**

of men with STEM degrees work in related fields

**26%**

of women with STEM degrees work in related fields

### Income

**There's greater income parity between men and women in STEM fields**

#### In non-STEM jobs

men earn 27% more per hour than women

#### In STEM jobs

men earn 16% more per hour than women

Women working in STEM jobs earn 33% more than women working in other fields

### Progress

**\$206 million**

President Obama's administration's commitment to STEM-related projects

**17%**

Growth anticipated in STEM jobs over the next decade—compared to 9.8% in non-STEM jobs

**100%**

Winners at the first annual Google Science Fair who were girls, from a field of 7,500 entries from 91 countries

**10**

"Educate to Innovate" strategies President Obama's administration has helped to identify to increase participation by women and girls in STEM, including training teachers on new interaction strategies, providing customized STEM programs for particularly underrepresented groups like African American and Hispanic girls, and supporting TV programs that spark an interest in STEM subjects and counter stereotypes