ROSIE RIVETERS

While 54% of AP test-takers in 2012 were female, only 19% of that group took the Computer Science AP exam.

-College Board, 2012

There has been a 79% decline in the number of 1st year undergraduate women interested in a Computer Science major between 2000 & 2011.

-NCWIT, 2012

1.4 million computer specialist job openings are expected in the U.S. by 2020, but only 30% of these positions are expected to be filled by U.S. computing graduates.

-NCWIT, 2012

Only 12% of engineers are U.S. women; 2% of engineers are women from underrepresented minorities.

-National Science Foundation, 2009

ROSIE RIVETERS

53% of scientists and engineers working in the social sciences are women, while only 13% working in engineering are women, and 26% working in computer and mathematical sciences are women.

-NSF, 2012

Women today currently earn 41% of PhD's in STEM fields, but make up only 28% of tenure-track faculty in those fields.

-www.whitehouse.gov/ostp/women

Reducing the dropout rate of women in STEM careers is especially important in the quest for gender equality because women in STEM jobs earn 33 percent more than those in non-STEM occupations and the wage gap between men and women in STEM jobs is smaller than in other fields.

-www.whitehouse.gov/ostp/women

If technology is designed mostly by the half of our population that's male, we're missing out on the innovations, solutions, and creations that 50% of the population could bring.

-NCWIT, 2012

The U.S. Department of Labor estimates that by 2020 there will be more than 1.4 million computing-related job openings. At current rates, however, we can only fill about 30% of those jobs with U.S. computing bachelor's grads. Girls represent a valuable, mostly untapped talent pool.-

www.whitehouse.gov/ostp/women

Boys make up 81% of students who take the AP Computer Science Exam. They also make up 77% of those earning bachelor's degrees in engineering and engineering technologies.

-College Board, 2012