

Discussion about inclusiveness in CSci

UMM CSci

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Why talk about inclusiveness?

COMPUTER SCIENCE: **Where are the girls?**

There will be 1.4 million computing-related jobs open by 2020 and at current graduation rates for computer science, two thirds of them will go unfilled. Girls represent a valuable, but mostly untapped, talent pool.

GIRLS COMPRISE:



of all Advanced Placement (AP) test-takers are girls



of all AP Calculus test-takers are girls



of all AP Computer Science test-takers are girls

WOMEN EARN:



of all undergraduate degrees



of all undergraduate math and statistics degrees



of all undergraduate physical sciences degrees



of all undergraduate computer and information science degrees

SOURCE: National Center for Women and Information Technology, U.S. Department of Labor

DESERET NEWS GRAPHIC

Two videos

What is the issue?

The Underrepresentation of Women in STEM, by Chelsea Ziadle

A story of a woman engineer:

Inspiring the next generation of female engineers: Debbie Sterling at TEDxPSU

Similar problems are faced by ethnic minorities or anyone else who doesn't look like a stereotypical engineer.