

COMPUTING OCCUPATIONS ARE TOO GOOD AND TOO IMPORTANT TO IGNORE

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Evidence on factors affecting women's recruitment and retention

WHY FEW FEMALES PURSUE COMPUTING

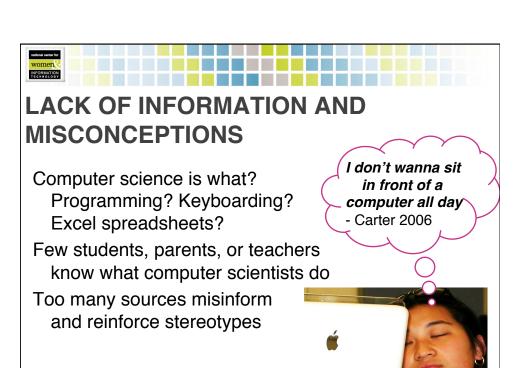


REASONS FEW WOMEN PURSUE COMPUTING



- ✓ Lack of information/misconceptions
- ✓ Educational policies allow choices influenced by stereotypes
- ✓ Stereotypes reduce confidence and interest

✓ Little support and encouragement







STEREOTYPES REDUCE CONFIDENCE AND INTEREST

Cultural belief: Disconnect between "feminine" and "technical"

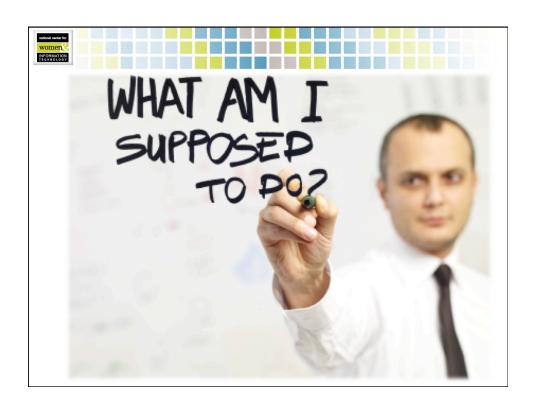
- Lagesen 2005

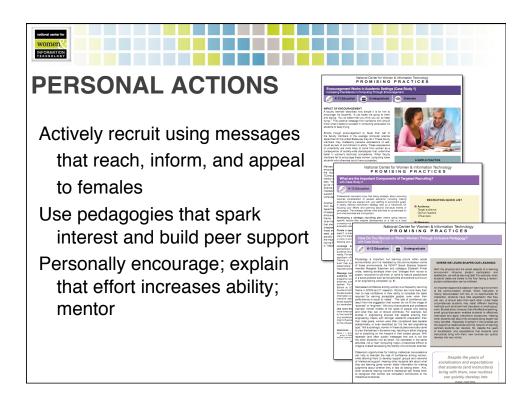


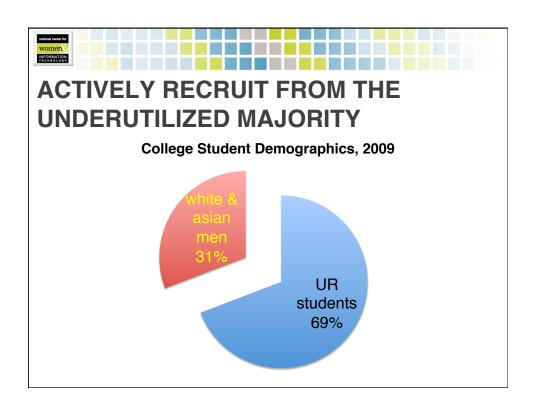
Stereotype threat: Fear of confirming negative beliefs about my group

- » Hinders performance
- » Affects choices and aspirations
- » Leads to harsh personal standards, opting out if not met
- Correll 2004











USEFUL MESSAGES FOR RECRUITING WOMEN & MINORITY MEN

GREAT CAREER! BEST JOBS IN AMERICA 2011

- 1. Software Engineer
- 2. Mathematician
- 3. Actuary
- 4. Statistician
- 5. Computer Systems Analyst





According to CareerCast



THREE OF THE TOP TEN OCCUPATIONS ARE COMPUTING

Systems Engineer



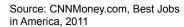
Manage large complex projects

IT Project Manager



Plan, organize, and oversee the team on a computing project

Network Security Consultant





Protect important computer systems from infiltration

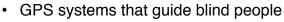


COMPUTING OFFERS EXCITING WORK THAT AFFECTS OUR WORLD AND THE PEOPLE IN IT



Create technology for

- Tracking endangered dolphins
- Mobile forensics labs for instant analysis at crime scenes



- Scanning DNA for childhood diseases
- Designing and displaying new fashions

Source: dotdiva.org





