

Broadening Participation

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Situational Factors

- Influences
 - Many women who are now in CS/Eng/IT have close relatives in the field
 - Dinner table conversations, long term encouragement (problem: lack of communication in some families)
- Corollary
 - Need to educate parents & extended family
 - PTA programs, town halls, mentoring programs

Improving our Teaching

- Working in groups (safety in numbers)
- Seeding ideas of CS major/career
 - Need to educate counselors
- CS teachers should not “teach to the guys”
 - Tendency to adapt to the demographic

Other Ideas / Policies

- Exploratory classes at middle school level
- Central planning / mandate for CS education (e.g., Israel)
 - Is the US currently sending the message that CS is not important?
- Integration of CS into fabric of school

Resources / Materials

- <http://cstapestry.wikidot.com>
 - Series of workshops on "Attracting and engaging diverse high school students to computing"
- <http://www.ncwit.org/resources>
 - Posters and talking points from the National Center for Women & Information Technology
- <http://www.csedweek.org/resources>
 - A highly distributed celebration of the impact of computing and the need for CS education