

Closing the Gaps in STEM Learning and Careers – Wednesday, Feb 11, 9:15am

Title: **Closing the Gender Gap in STEM**

Wanda Gass, President, Design Connect Create, Dallas, TX

References:

Formal Learning

B. R. Sandler, L. A. Silverberg, R. M. Hall, *The Chilly Classroom Climate, A Guide to Improve the Education of Women*. Washington DC: National Association for Women in Education.

Why So Few? Women in Science, Technology, Engineering and Mathematics, available at <http://www.aauw.org/research/why-so-few/>

Claude M. Steele, *Whistling Vivaldi: How Stereotype Threat Affects Us and What We Can Do*. New York: W. W. Norton

Carol Dweck, *Mindset: The New Psychology of Success*. New York: Random House.

www.nepris.com ; Virtual visit of industry professionals to your classroom

Micromessages to Reach and Teach Every Student™ available from National Alliance for Partnerships in Equity, www.napequity.org

Informal Learning

Changing the Conversation: Messages for Improving Public Understanding of Engineering. National Academies Press, downloadable from <http://www.nap.edu/catalog/12187.html>

Grand Challenges of the 21st century announced by National Academy of Engineers, www.engineeringchallenges.org

Guest speakers: <http://www.fabfems.org> ; <http://www.ngcproject.org> ; <http://www.millionwomenmentors.org>

Curriculum for 2-week Physics camp for young women available from Design Connect Create, www.designconnectcreate.org