

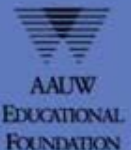
National Girls

Reframing Digital Equity: Addressing Gender

Karen Peterson, Principal Investigator
National Girls Collaborative Project
USA



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Speed Networking

2 minutes each

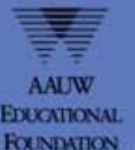
- Your name and school/organisation
- What you have
- What you need

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Digital Equity

- Digital divide
 - Access to technology
 - Access to training
- Digital equity
 - Equal access based on gender, race, income, locations

Agenda

- Examples of Efforts to Engage Girls in Technology
 - National Girls Collaborative Project
 - Videos
- Research to Inform
- Strategies
- Your Action Plan

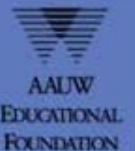
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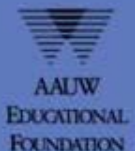
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NGCP Goal

NGCP brings together organizations that are committed to informing and encouraging girls to pursue careers in science, technology, engineering, and mathematics (STEM).



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Project Objectives

- **Connect** existing and evolving projects
- **Maximize** access to resources
- **Strengthen** capacity

Since August 2006

- **3,107,349 successful Web Site** requests
- **13** webcasts with a total of 1156 registrants, average of 96 registrants per webcast
- **1500** programs in the Program Directory
- representing **2,467,760** girls.
- **672,095** successful **Web site** requests for **the Program Directory**
- **18** events serving over **1100** people
- **14** active regional collaboratives with leadership teams representing **63** different organisations

Methods

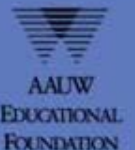
- <http://www.ngcproject.org>
- Program Directory
- Connecting Researchers and Practitioners

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Video

- [http://streaming.umbc.edu/qtmedia/Media/you can be anything.mp4](http://streaming.umbc.edu/qtmedia/Media/you%20can%20be%20anything.mp4)
- <http://www.youtube.com/watch?v=Mmhe36xwS-Y>
- <http://www.passionit.info/videofull.php>

Research

- Cooperative vs. competitive learning activities
- Computer confidence and gender – attribution theory
- Female images and role models in ICT
- Relevance

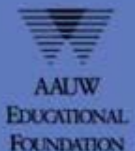
Best Practices to Encourage Girls in Technology

- Become competent using technology in the classroom.
- Apply instructional strategies already recognized as promoting gender equity to computer lab work.
- Allow all students to choose individually meaningful applications of technology.
- Assign girls and boys equal responsibility for using technology.

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Challenges

- Educational system
- Governmental policies
- Family support

Your Action Plan

- Name two things you can do next week to help encourage girls' interest in technology.

Resources in South Africa

- **Women's Net**
 - <http://www.womensnet.org.za>
- **South African Women in Computing**
 - <http://www.gaon.net/vashti/sawic/conf.html>

Web Resources

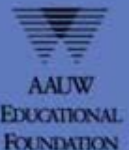
- Role Models from around the World:
<http://www.passionit.info/resources.php>
- The Girl Effect: <http://www.educyberpg.com/Teachers/womengenderequityhtml.html>
- Bibliography on Gender and Technology:
<http://www.umbc.edu/cwit/itgenderbib/>

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