Welcome to the National Girls Collaborative Project November Webinar:

Girls RISEnet: Strategies to Build Capacity to Engage Minority Girls

Thank you for joining us! We will begin at 11:00 AM Pacific/ 2:00 PM Eastern.
Webinar Agenda

- Introduction to NGCP and Project Resources
- Introduction to Girls RISEnet
- Activities and Resources
- Travel Awards and Mini-Grants
- Girls RISEnet in Action
- Questions and Additional Resources Available
National Girls Collaborative Project

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

www.ngcproject.org
Project Goals

• Strengthen the capacity of girl-serving STEM programs to effectively reach and serve underrepresented girls in STEM.

• Increase the effectiveness of Collaboratives by providing professional development focused on sustainability, organizational effectiveness, and shared leadership.

• Maximize K-12 school counselors’ access to and use of relevant, high-quality resources that increase awareness of barriers to girls’ interest and engagement in STEM.
Current Collaboratives

- Arizona
- California
- Connecticut
- Florida
- Great Lakes (IN, MI, MN, OH, WI)
- Illinois
- Kentucky
- Louisiana
- Maine
- Mid-Atlantic (DC, DE, MD, VA)

- New Hampshire/Vermont
- New Jersey
- Pacific Northwest (AK, HI, ID, MT, OR, WA)
- Pennsylvania
- Southern New England (MA, RI)
- Texas
- Tennessee
NGCP Impact

- **12,907,758** visits to the NGCP Web site in 4 years
- **2277** programs are listed in the online NGCP Program Directory
- **19,710** participants served in **205** mini-grants completing activities
- **10,489** practitioners have been served through events and Webinars
- **5,225,149** girls are served indirectly by NGCP by having their leaders trained in the philosophy, knowledge, and methods of NGCP
NGCP Partners

- Afterschool Alliance
- American School Counselor Association
- American Society of Engineering Education
- Cisco
- Coalition for Science after School
- Cray Supercomputers
- Expanding Your Horizons
- Girl Scouts of the USA
- Google
- Microsoft
- National Coalition of Girls’ Schools
- National Center for Women & Information Technology
- Society of Women Engineers
- Techbridge Girls
The Girls RISE (Raising Interest in Science and Engineering) National Museum Network is funded by Grant No. HRD-0937245 from the National Science Foundation (NSF), Human Resource Development, Research on Gender in Science and Engineering Extension Services (GSE/EXT) Program. Project collaborators include the Miami Science Museum, the Association of Science-Technology Centers (ASTC) and SECME, Inc.
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**Agenda**

- Project Overview
- Girls RISEnet Activities and Resources
- Get involved – Travel Awards and Mini-Grants
- Girls RISEnet in Action: ¡Explora!
- Q/A
Girls RISEnet

Girls RISEnet is strengthening the professional capacity of informal science educators to engage and motivate minority girls in grades 6-12 to explore and pursue science and engineering careers.

The project addresses the national need to cultivate diversity in preparing the next generation of female scientists and engineers.
Girls RISEnet

Objectives include:

• Utilize the national network of science centers and museums to raise awareness and broaden access for girls underrepresented in STEM.

• Develop linkages between organizations with the common purpose of increasing the pipeline of minority female engineers.

• Facilitate translation of gender and diversity research into practice through a unified training program.

• Provide ongoing services, access to program materials, and tools to broaden the ability of science centers to provide relevant and engaging programming for girls.
Project Overview

- Funded by NSF’s HRD Research on Gender in Science and Engineering Program/Extension Services (GSE/EXT) program.

- Five-year award: Oct 2009 to Sept 2014

- Partner Organizations
  - Miami Science Museum, Inc.
  - Association of Science-Technology Centers, Inc.
  - SECME, Inc.
Project Overview

Core components:

- Train-the-trainer model to build capacity of 11 partner museums and museum practitioners in their regions.
- 20 professional development workshops for informal educators per year.
- Mini-grants to support implementation in regions.
- Web site resources.
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Regional Hubs

- California Academy of Sciences (CA, HI)
- Connecticut Science Museum (CT, ME, MA, NH, RI, VT)
- COSI (IL, IN, MI, OH, WI)
- Explora! (AZ, CO, ID, MT, NV, NM, UT, WY)
- Maryland Science Center (DE, DC, MD, VA, WV)
- Miami Science Museum (FL, GA, NC, SC)
- Louisville Science Center (AL, MS, KY, TN)
- New York Hall of Science (NJ, NY, PA)
- OMSI (AK, OR, WA)
- Saint Louis Science Center (IA, KS, MN, MO, NE, ND, SD)
- Sci-Port: Louisiana's Science Center (AK, LA, OK, TX)
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Activities and Resources
Regional Workshop Topics

• Translating research on gender and minority STEM achievement into practice

• Creating culturally competent and inclusive STEM informal science learning experiences and environments

• Forging connections with mentors (i.e., professional engineering societies)

• Introduction to vetted girl-friendly activities/programs
Increasing Impact through Partnership

Girls RISEnet works to strengthen relationships between informal science programs and engineering societies.

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Project Web Site – www.girlsrisenet.org
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Travel Awards and Mini-Grants
Girls RISEnet offers travel awards to support participation in regional workshops.

Awards can be any amount up to a maximum of $500.
Girls RISEnet mini-grants are intended to initiate or expand gender-related programming.

Awards can be any amount up to a maximum of $2,500.

Your institution can only receive one mini-grant award.

Priority will be given to activities that serve girls from underserved and underrepresented backgrounds and that focus on the goals of Girls RISEnet.
Girls RISEnet in Action: ¡Explora!
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Questions?

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www.girlsrisenet.org
Get Involved

• NGCP Program Directory
  www.ngcproject.org/directory

• Receive the NGCP E-newsletter
  www.ngcproject.org/resources/newsletter.html

• Archived Webinars
  www.ngcproject.org/resources/webcastarchive.cfm

• Join us on Facebook
  National Girls Collaborative Project
Get Involved

Next Webinar:
January 24, 2012
10:00 AM Pacific/ 1:00 PM Eastern

Mixing in Math: Enhancing Everyday Activities to Build Confidence and Competence in Mathematics