

Welcome to the National Girls Collaborative Project Champions Board Meeting

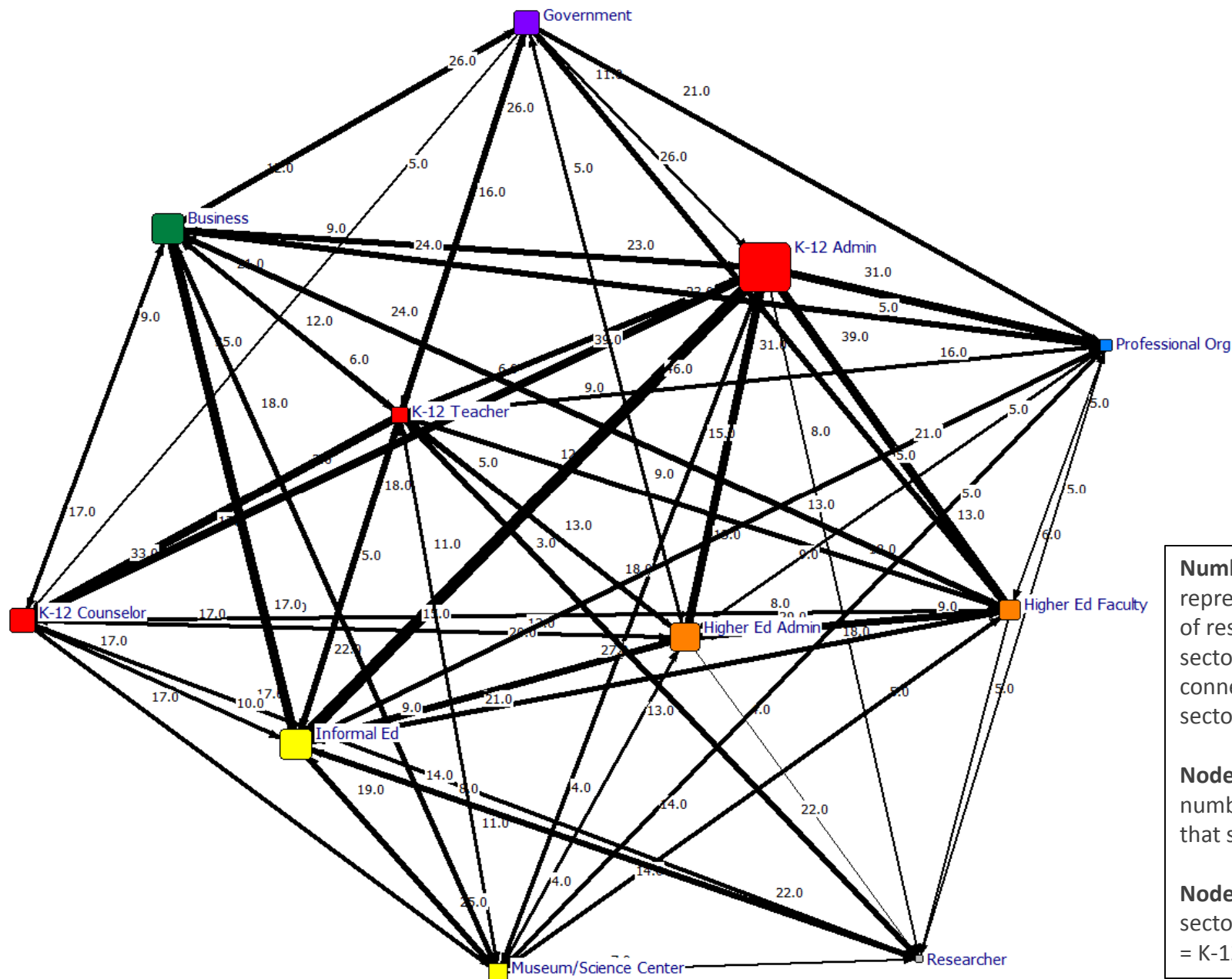
December 17, 2012

**Thank you for joining us! We will begin
at 9:00 AM Pacific/ 12:00 PM Eastern.**

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Connections Between Different Sectors of NGCP Participants



Number and line width represent the percentage of respondents from each sector reporting a connection with another sector

Node size is based on the number of respondents in that sector

Node color is based on sector categories (e.g. red = K-12 respondents)

Meeting Agenda

- **Welcome and Introductions**
- **NGCP Overview**
- **Report on Fall Kick-Offs**
- **Project Evaluation**
- **General Discussion and Closing**



NGCP National Champions Board Members

Celeste Baine - Engineering Education Service Ctr.

Thomas Baker - Esri

Laurie Benson - LSB Unlimited

Joni Blakeslee - Cisco Networking Academy

Barbara Bogue - Penn State College of Engineering

Kimberly Bryant - Black Girls Code

Ed Doody - National Research Center for College & University Admissions

Martha Fields - Fields Associates, Inc.

Evangelina Galvan Shreeve - Pacific Northwest National Laboratory

Barbara Gault - Institute for Women's Policy Research

Karen Harper - NASA Headquarters

Laura Huerta Migus - Association of Science-Technology Centers (ASTC)

Judith Iriarte-Gross - WISTEM Center, Middle Tennessee State University

Jim Kahler - 4-H National Headquarters National Institute of Food and Agriculture, USDA

Anita Krishnamurthi - Afterschool Alliance

Susan C. Lavrakas - Workforce Aerospace Industries Association

Emilie Liebhoff - The National Coalition of Girls' Schools

Jordan Lloyd Bookey - Google, Inc.

Mimi Lufkin - National Alliance for Partnerships in Equity

Karen A. Panetta - Tufts University

Lucy Sanders - National Center for Women & Information Technology, University of Colorado

Betty Shanahan - Society of Women Engineers

Frank Signorello - Girl Scouts of the USA

Michael Smith - National GEM Consortium

Ruth Sweetser - AAUW

Carol Tang - Coalition for Science After School Lawrence Hall of Science

Cara Thunder - American Indian Science & Engineering Society

Nicole Torcolini - Stanford University

Shawna Young - School of Engineering, Massachusetts Institute of Technology

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In three years NGCP will.....



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NGCP Vision

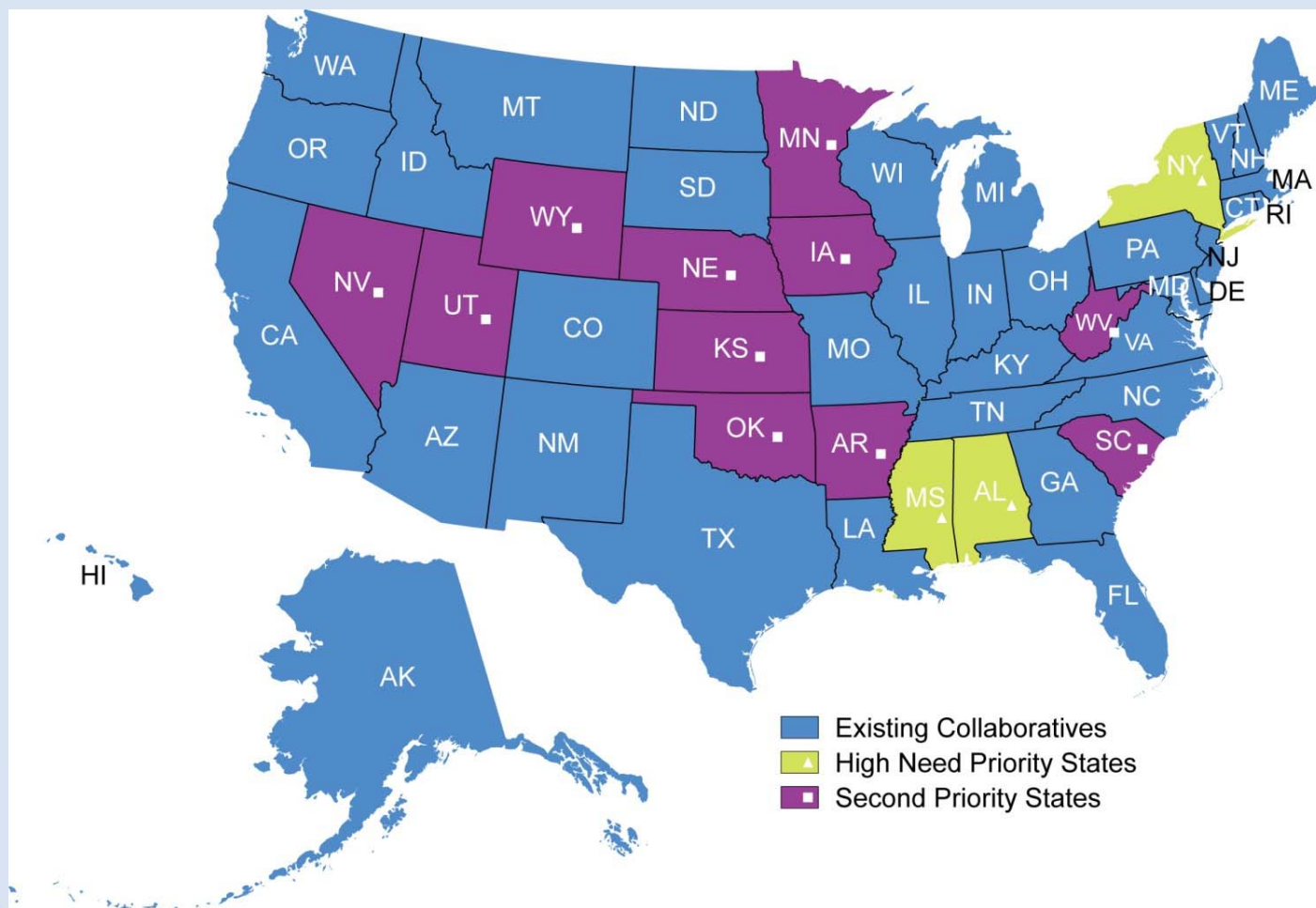
The National Girls Collaborative Project (NGCP) brings together organizations that are committed to informing and encouraging girls to pursue careers in science, technology, engineering, and mathematics (STEM).

www.ngcproject.org

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Collaboratives



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NGCP Impact

- **15,199,632** visits to the NGCP website
- **2,800** programs are listed in the online NGCP Program Directory
- **27,579** participants served in **241** mini-grants completing activities
- **15,907** practitioners have been served through events and webinars
- **6.9 million girls** are served indirectly by NGCP by having their leaders trained in the philosophy, knowledge, and methods of NGCP

12/11/12



NGCP Components and Activities

- Capacity Training and Network Building for State/Regional Leadership Teams
- Exemplary Practice Dissemination
- Content Rich Project Website
- NGCP Program Directory
- E-Newsletter
- Professional Development via Events
 - Conferences, Forums, and Webinars
- Incentives to Collaborate: Mini-Grant Funding

Supported By:

- National and Collaborative Leadership Teams
- National and Collaborative Champions Boards



NGCP Program Directory

Collaboratives

Programs >

Mini-Grants

FIND
A Collaborative in your Area.

SUBMIT
Your Program to our Directory.

CONNECT
With Resources and Partners.

Program Name	City	State	ZIP Code	Organization
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

National/Web

<Any> ▾

Affiliation

<Any> ▾

Focus

Science
Technology
Engineering
Math
Computer Science
Business
Humanities
Arts

Resources Needed

boys interested in STEM activities
computer access
computer technology support
conferences
curriculum development
equipment donations
evaluation/assessment services
facilities

Resources Available

boys interested in STEM activities
computer access
computer technology support
conferences
curriculum development
equipment donations
evaluation/assessment services
facilities

Populations Served

2 year college
4 year college or university
at-risk
diversity focus
elementary
employers
high school
homeless

Collaboration Interests

curriculum development
joint event planning
providing in-kind support
sharing resources
sponsorship
working with higher education
working with industry representatives
working with informal organizations

Service Delivery Format

after school programs
classroom support
clubs
museums
online learning
special events
summer offerings



2012 Kick-Off Conferences



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Kick-Off Schedule

- Garden State, April 18
- Montana, August 8
- Arizona, September 28
- Louisiana, October 27
- California, November 1
- Missouri, November 2-4
- New Mexico, November 8-9
- Colorado, November 28



Highlighting Successes

- **Garden State:** Space, Networking, Champion Board Participation
- **Montana:** Partnering, Lunch Speaker
- **Arizona:** In Kind Donations, Multiple Voices
- **California:** Model Fidelity, Collaborative Lead Intro Story
- **Louisiana:** Keynote Speaker, Panel, Design Squad Nation
- **Missouri:** Dinner Speakers
- **New Mexico:** Space, Partnering, Speed Networking
- **Colorado:** Leadership Team Roles, Financial Donation, Keynote Speaker





Collaboration

Challenges

- Champion Board Involvement
- Presentation Delivery & Debriefing Activities
- Panel Management



Informing the Work

- Sharing **new and adapted practices** with other Collaboratives
- Additional assistance regarding **event management and marketing**
- Importance of practicing **capacity building**
- Follow-up to collect the **stories**



Questions



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Montana Girls STEM Collaborative Fall Kick-Off – August 8, 2012 Missoula, MT



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Location & Collaborators



Missoula, MT

In cooperation with the
21st Century Community
Learning Centers
Conference



Agenda & Presenters

- Full day
- Key note speaker, Dr. Lisa Regalla of SciGirls
- Panels: Best Practices programs, Girls in STEM
- SciGirls Hands on session
- Involvement of CB and LT members in sessions



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Participants

- 80 registered for our conference from all over the state (Ronan, Missoula, Bozeman, Billings, Helena, Great Falls)
- Sessions drew from population of 200 attending 21st century providers conference
- Champions Board and Leadership Team Members



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Results & Highlights

- Champions Board members and Leadership Team interaction
- Girls Scouts of Montana and Wyoming received SciGirls grant
- MGSC involvement in Office of Public Instruction STEM Initiative
- 21st Century Community Learning Centers continued collaboration
- Networking highest cited outcome in evaluations



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NGCP Evaluation Update



Outline

- Overview of the NGCP Summative Report for the 2006-2011 NSF grant
- 2012 Annual Survey findings: Focus on collaboration
- Discussion



Summative Report: Benefiting Girls

" Having a large network gives each individual/local organization or program more leverage, so the more we (STEM programs) collaborate and present our ideas as one entity, the more students benefit. "



Summative Report: The Effect of NGCP

Those attending a webinar, in-person event, or receiving a mini-grant were more likely to:

- agree their network of professional contacts increased;
- share and seek resources from other programs;
- have higher mean levels of collaboration with different sectors;
- understand the benefits of collaboration and how to collaborate effectively;
- have higher ratings of knowledge in informal learning and evaluation and assessment.



Summative Report: Other Outcomes of NGCP

- NGCP participants were more **aware** of and more **committed** to gender equity in STEM.
- Participants felt the presence and efforts of NGCP **validated** their work.
- NGCP participants felt **less isolated** in their work because of the project.

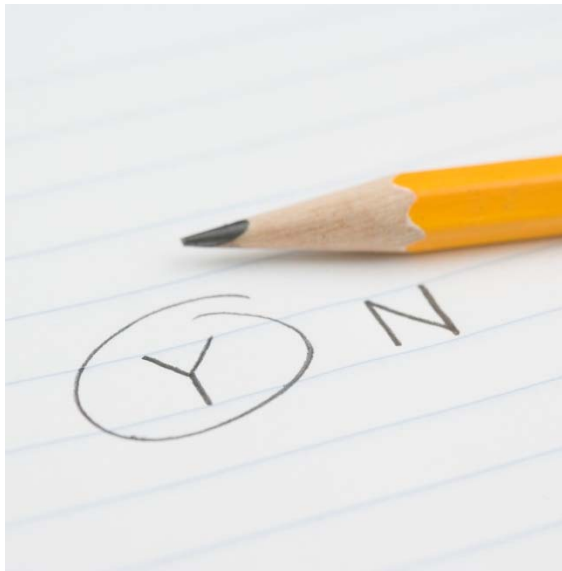


Summative Report: Collaboration

"After being involved with the NGCP, I would never again think of running a program without some form of collaboration with another business or organization."



2012 Annual Survey Findings



NGCP Increases Collaboration to Improve Practitioners' Work Engaging Girls in STEM

Step 1. NGCP increases **awareness** of programs or organizations involved in STEM in their geographical area.

Step 2. NGCP increases **interest** in collaborating.

Step 3. NGCP **connects** those interested in engaging girls in STEM with each other.

Step 4. NGCP increases levels of **collaboration**.

Step 5. Increased collaboration **improves NGCP participants' work**.



Step 1.

NGCP increases awareness of programs or organizations involved in STEM in their geographical area.



Step 2.

NGCP increases interest in collaborating.



Step 3.

NGCP connects those interested in engaging girls in STEM with each other.



Step 4.

NGCP increases levels of collaboration.



Step 5.

Increased collaboration
improves NGCP participants'
work.



Discussion

Questions?



Upcoming Project Activities

- Great Plains and North Carolina Kick-Offs
- Ongoing Events Nationwide
- Resources for Programs - Girls of Color, Girls with Disabilities
- National Webinars
- Mini-Grants
- Recruitment of New Collaboratives: Alabama, Mississippi, New York, +
- Collaboration Institute – December 2013



Discussion Questions

- What strategic connections can you suggest that will help NGCP meet project goals?
- What challenges do you foresee that we should prepare for?
- What opportunities do you see for NGCP given the ongoing increased focus on STEM?



Next NGCP Champions Board Meeting Possibilities

- **March 2013** as part of Women's History Month, in DC – various activities occurring
- **June 17-19, 2013** (some time within or directly following the conference) as part of the U.S. News STEM Solutions Conference in Austin, Texas - <http://usnewsstemsolutions.com>
- **Other Suggestions?**



Thank you and Happy Holidays!

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