Collaboration Forum 2013
Agenda

Noon  NGCP Overview
12:15  Collaboration in Action: EcO15
12:45  Collaboration in Practice in Indiana
1:15   5 minute break
1:20   Speed Networking Activity
1:45   Collaboration Resources
2:00   Action Plans for Collaboration
2:20   Closing, Next Steps, Evaluation

Materials from today:
http://www.ngcproject.org/indiana-girls-collaborative-project-collaboration-forum
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).
Project History

• Northwest Girls Collaborative Project (2002-2004)
• California, Massachusetts, and Wisconsin (2004-2006)
• National (2006-2011)
• Diverse Workforce (2011-2016)
Collaboratives

Iowa recently added
Access to Shared Resources
Strengthening Capacity
Equity
NGCP increases awareness of programs or organizations involved in STEM.

NGCP increases interest and skills in collaborating.

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

NGCP increases collaboration.

Increased collaboration improves practitioners’ work.
NGCP Components and Activities

Virtually:
- Content Rich Project Website
- NGCP Program Directory
- E-Newsletter
- Webinars

Collaboratives:
- Professional Development: Conferences and Forums
- Incentives to Collaborate: Mini-Grants
- Local leadership leveraging resources
INGCP Leadership Team

• Ray Amos - Cook Medical Inc
• Maureen Biggers - IU School of Informatics and Computer Science
• Bev Bitzegaio - Indiana State University – Technology
• Liz Brown - Indiana State University – Math
• Patricia Crouch - IU and American Association of University Women
• Jeremy Eltz - Indiana Dept of Education – Science and Health
• Barbara Gibson - Purdue University – Earth,
• Rene Hankins - Ivy Tech Community College, Wabash Valley
• Jaime Hubbard - Girl Scouts of Central Indiana
• LaTasha Hudson - Girls Inc. of Indianapolis
• Lynn Hughes - Terre Haute Children's Museum
• Kelli McGregor - Indiana Dept of Education – Engineering and Technology
• Anneliese Payne - Expanding Your Horizons at SMWC
• Katie Pope - Purdue Susan Bulkely Butler Center for Leadership Excellence
• Brandon Sorge - IUPUI, I-STEM Resources
• Camille Warren - Great Lakes Equity Center
• Edie Wittenmyer - Indiana State University – Technology
• Debbie Zipes - Indiana Afterschool Network
INGCP Champions Board

- Becky Buse - Girl Scouts of Central Indiana
- Jennifer Hale - J3 Concepts
- Christina Howe - University of Evansville
- Dottie King – Saint Mary-of-the-Woods College
- Sonny Kirkley - Wisdom Tools
- Tina Kruger Newsham - Indiana State University, SENCER
- Linda Maule – Indiana State University, University College
- Heather Miklozek – ISU Center for Community Engagement
- Susan Powers - Indiana State University, Academic Affairs
- Cathy Ritchie - Girl Scouts of Central Indiana
- Terri Schulz – Project Lead the Way Inc.
- Seena Skelton - Great Lakes Equity Center
- Joi Smith - Girls Inc. of Indianapolis
- Trish Whitcomb - Indiana DOE, Superintendent’s Office
Why Collaborate?

• There are uncoordinated services to girls interested in STEM careers.

• Collaboration reduces isolation among professionals.

• Collaboration strengthens relationships among organizations. It also increases the potential for organizational and individual learning by sharing promising practices.
Defining Collaboration

“The process of achieving a goal that could not be attained efficiently by an individual or organization acting alone”

Collaboration in Action

Coalition and Collaboration Models

Presented by Jack Hess
Executive Director
Institute for Coalition Building
Collaboration in Practice: Indiana programs

Facilitated by Cathy Ritchie
Girl Scouts of Central Indiana COO

• Girls Inc., Former NGCP Mini Grant Awardees on Evaluation and Infusing STEM in All Programs
Presented by LaTasha Hudson, Girls Inc. Program Director

• Girl Scouts and Indiana State Females in Technology Collaborate on “Get Moving” Program
Presented by Donna Polky, Girl Scouts, and Molly Joseph, ISU Females in Technology (FIT)
Speed Networking

Facilitated by Lynn Hughes and Becky Buse
Speed Networking

- Your Name
- Your Organization/Program & Role
- Resources *what do you have to share?*
- Needs *what do you need to meet your goals?*
- 2 Minutes Each
- Bring your business card to exchange
- You will need a pen to write down great ideas!
Collaboration Resources

• Indiana Department of Education Science and Math Partnership Grants  
  *Presented by Jeremy Eltz, IDOE Science and Health Specialist*

• Indiana After School Network Resources  
  *Presented by Debbie Zipes, IAN President*

• Indiana Girls Collaborative Project Mini Grants  
  *Presented by Patricia Crouch, Indiana University and AAUW Leadership Corp*
Action Plans for Collaboration

Facilitated by Camille Warren
Asst Director of Research and Evaluation
Great Lakes Equity Center
Closing, Next Steps, Evaluation

- INGCP Conference in mid-February
- Evaluations sent via email: www.erasurvey.org/input/NGCPpostevent.htm
- Program directory: http://www.ngcproject.org/programs
- Fab Fems: http://www.fabfems.org/
- Materials from today: http://www.ngcproject.org/indiana-girls-collaborative-project-collaboration-forum
- INGCP Leadership meeting 2:45-4:15
- Continue collaboration discussions
NGCP Project Website
NGCP Project Website

Information Technology

ACM’s Committee on Women in Computing - Association for Computing Machinery
http://www.acm.org/women
Conferences, mentoring, networking, and internships

Anita Borg Institute for Women and Technology
http://anitaborg.org

Association for Women in Computing
http://www.awc-hq.org
Promotes the advancement of women in computing. Mentoring, speakers, scholarships

BinaryGirl.com
http://www.bingegirl.com
Detailed interviews with women in a variety of tech fields. Message board for online networking

Carnegie Mellon Project on Gender and Computer Science
http://www.cs.cmu.edu/afs/cs/project/gendergap/www/index.html
Women in Computer Sciences: Closing the Gender Gap in Higher Education

Center for Women and Information Technology
http://www.cwit.umbc.edu/
Seeks to address and rectify women’s under-representation in IT

Cisco Learning Institute Gender Initiative
http://www.cisco.com/web/about/ac227/ac222/society/socioeconomic_development_programs/gender_initiative.html
NGCP Program Directory

[Diagram of the NGCP Program Directory website]

- 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
--- | --- | --- | --- | ---

National/Web | Affiliation
--- | ---
Any | 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

Search
E-Newsletter

National Girls Collaborative Project

December 2012

Building the Capacity of STEM Practitioners to Develop a Diverse Workforce

NGCP Updates

New Mexico, Missouri and Colorado Kick-Off Events!
Congratulations to the New Mexico Girls Collaborative in C-STEM, Missouri Girls Collaborative STEM Initiative and the Colorado Collaborative for Girls in STEM for their successful Kick-Off events. A few highlights: New Mexico featured many great speakers including a girl panel that provided a young female voice for computing and STEM. Missouri’s Kick-Off Conference was held in collaboration with the Missouri School Age Community Coalition’s annual Professional Development Institute and included a variety of STEM-specific workshops with a networking dinner. Colorado featured keynote speaker Violeta Garcia, STEM Coordinator at the Colorado Department of Education and a hands-on design challenge where participants worked in teams to build the tallest tower out of 20 index cards and masking tape that could support weight on top.

NGCP Webinar: Recruiting, Training, and Retaining Role Models to Inspire Girls in STEM
January 23, 2012; 11:00 AM - 12:00 PM Pacific
In honor of National Mentoring Month in January, presenters from Techbridge and FabFems will discuss how to effectively provide role models and mentors for girls, including strategies for recruiting, retaining and engaging professional volunteers. Participants will experience interactive activities, resources, and real stories that will help craft engaging experiences that dispel stereotypes and ignite girls’
NGCP Webinars

Webinar Archive

The NGCP works to strengthen the capacity of existing girl-serving STEM projects by sharing effective strategies for working with girls in STEM. One method we use to achieve this goal is a series of free webinars in which practitioners and researchers from across the country share effective strategies for working with girls in STEM.

You may access the audio/video content and related materials from any of our archived webinars by selecting the webinar title in the list below.

"NGCP provides information regarding all aspects of STEM through newsletters and webinars and keeps up my motivation to strive for higher levels of collaboration. I also seek new relationships and try to capitalize on both regional and national NGCP partnerships. I have found great ideas to incorporate into our programs which have very specific audiences."

Annual Survey Respondent
NGCP Events
Mini-Grants

Bridge Building