

Welcome NGCP National Champions Board



June 30, 2016
11:00 AM – 12:30 PM Pacific

NATIONAL GIRLS COLLABORATIVE PROJECT



Agenda

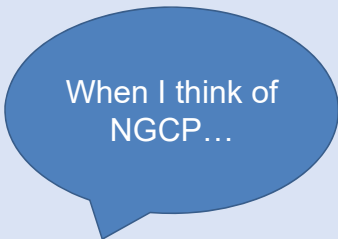
- 11:00 – 11:10** Welcome, Check-in, Agenda Review
- 11:10 – 11:35** NGCP Evaluation and Impact
- 11:35 – 12:05** Updates from Collaboratives
 - Oregon
 - Montana
- 12:05 – 12:20** Network Projects
- 12:20 – 12:40** The Connectory and The Connectory Exchange
- 12:40 – 1:00** General Discussion and Closing



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NGCP Evaluation and Impact



When I think of
NGCP...


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NGCP Evaluation and Impact


“[NGCP has contributed to gender equity in STEM] by creating a strong national network of people committed to this issue and by providing a range of different opportunities for them to share ideas, challenges and best practices.”

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NGCP Evaluation and Impact

- Network and Position in Field
- Collaboration
- Exemplary Practices
- Areas for Consideration




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Network and Position in the Field

- 32 Collaboratives, 40 states
- 8,000 event and webinar attendees
- 18,000 girls participated in mini-grant projects
- More than 27,500 enews subscribers
- Website receives 21,000 visits/month
- 4,300 programs in the Connectory
- 3,300 Facebook and 7,000 Twitter followers

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Network and Position in the Field

NGCP is uniquely positioned...

A word cloud of various STEM and educational organizations. The most prominent words include SWE, AAUW, EYH, Techbridge, Code.org, SciGirls, FIRST Robotics, and Afterschool Statewide Network. Other smaller words include Nanodays, Aspirer!, TASTC, PLTW, NCWIT, EPSCOR, and Girls@SENnet.

Collaboration

NGCP effectively helped people connect and collaborate:

- Expanded network and knowledge of existing resources
- 'Active' participants more likely to collaboration

A photograph showing three women sitting around a table, engaged in conversation. They appear to be in a workshop or meeting setting, with various items on the table.

Collaboration

Increased collaboration had a number of benefits to programs:

- Helped us better serve girls (82%)
- Increased girls' interest in STEM (78%)
- Helped program be more effective (77%)
- Increased girls' confidence in STEM (77%)

Exemplary Practices

- Most participants increase knowledge of exemplary practices
- Exemplary practices disseminated by NGCP were considered highly effective
- Many participants not likely to follow through with application to their work

Exemplary Practices

The use of exemplary practices benefited programs:

- Helped us better serve girls (84%)
- Increased girls' interest in STEM (79%)
- Improved girls' attitudes toward STEM (77%)
- Increased girls' confidence in STEM (78%)

Areas of Consideration

A blue speech bubble with the text "I would like to see NGCP..." inside it.

Areas of Consideration

- Support for participants to apply exemplary practices
- Resources related to engaging girls from underrepresented groups in STEM
- Help those connecting through NGCP collaborate at higher levels



Ultimately...

NGCP helped programs more effectively engage girls in STEM as part of the general improvements and benefits to programs from increased collaboration and exemplary practices.



Oregon Girls Collaborative Project (OGCP)

Convened by Oregon Afterschool for Kids
(OregonASK)

Beth Unverzagt - Oregon Girls Collaborative Project
Lead & Executive Director of OregonASK



OregonASK
Expanded Learning Partnership
www.oregonask.org

Significant Collaborative Contributions

- Have provided Hundreds of Hours of STEM Content training to programs around the state over the last several years
 - SciGirls (Multiple Seasons)
 - BirdSlueth
 - Tech Bridge
 - InventionX


Other Collaborative Highlights


- Built OGCP Leadership Team in 2014
- Hosted our Kick Off Conference Fall 2014
- Distributed Mini Grants for 2015 summer programs
- Convened Forums around the state in Spring 2015
- Worked with local organizations to boost STEM Mentoring across the state
- Assembled a STEM Mentor Toolkit 2015
- Hosted the National STEM Systems Institute in partnership with STEM Next in May 2016


The Future for OGCP


- ❖ Continue to host STEM training
 - > July 6th SciGirls Training & Watch Party at OMSI
 - > Code.org Computer Science in Afterschool
- ❖ Host forums around the state on Equity in STEM
 - > In partnership with a National League of Cities grant we were awarded
- ❖ Communicate the value of collaboration and partnerships as we continue this work


Network Projects



Inspire a girl to change the world



Crypto Club



EmpowerHER



Smithsonian
Lillian Wald Museum


FabFems


INVENTIONX


The Cornell Lab of Ornithology
Exploring and Conserving Nature




SciGirls


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How did it all begin?

- WaterBotics – Texas Girls Collaborative Project





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Network Projects




Network (40 STATES)
Coming Soon

#1 Pilot Site
Example:
New York Girls Collaborative Project


#2 Pilot Site
Example:
Arizona Girls Collaborative Project


#3 Pilot Site
Example:
Texas Girls Collaborative Project


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Network Projects


Train the Trainers and
Dissemination of Resources
to Collaborative Pilot Sites




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Network Projects


Training for educators and professionals working in local youth-serving STEM programs.



IMPACT

Community of Trained Educators
Directly Impacting Youth in their Communities




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Network Projects



Inspire a girl to change the world


Crypto Club


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Smithsonian
Lillian Wald Museum


FabFems


INVENTIONX




The Cornell Lab of Ornithology
Exploring and Conserving Nature


SciGirls


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Network Projects 2015-2016

- SciGirls
- Cornell
- Smithsonian LVM
- Upcoming: CryptoClub

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SciGirls

- SciGirls Season 3
 - 9 Collaboratives/Trainers
 - 2 Educator Trainings
 - 1 Screening/Girl Panel Event





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Cornell: Citizen Science

- BirdSleuth
 - 5 Collaboratives/Trainers
 - 1 Educator Training



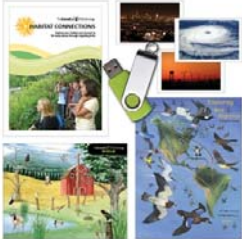
The Cornell Lab of Ornithology
BirdSleuth K-12




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Cornell

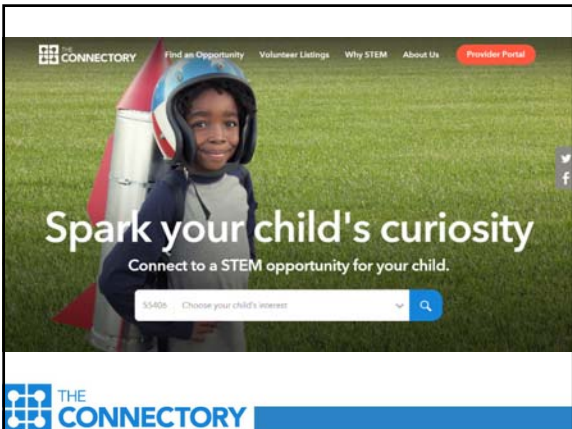
- Habitat Connections – BirdSleuth
- Citizen Science



The Cornell Lab of Ornithology
BirdSleuth K-12



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THE CONNECTOR

Find an Opportunity Volunteer Listings Why STEM About Us Provider Portal

Spark your child's curiosity

Connect to a STEM opportunity for your child.

55406 Choose your child's interest

THE CONNECTOR

The Connector makes the connections to STEM learning opportunities that inspire young people to explore, discover, and create.








THE CONNECTOR

The Connectory Overview

- Largest and most comprehensive directory of STEM opportunities and programs
- Online collaboration tool
- Showcase STEM opportunities to families



Programs and Opportunities

- **Program:** organizations that provide STEM opportunities
- **Opportunity:** time-bound STEM events such as summer camps, one-day events, workshops, career fairs, and competitions



How Families Find Opportunities



Find Partners



Online Collaboration

THE CONNECTORY

VolunteerMatch

VolunteerMatch is the Web's largest volunteer engagement network with over 9.8 million volunteer connections to date

THE CONNECTORY

THE CONNECTORY

VolunteerMatch and The Connector

Laura's Dashboard

My Programs

THE CONNECTORY

Database Streaming Options

Leveraging The Connector Data

- Widget (Opportunities)
- API (Programs and Opportunities)
- The Connector Exchange (Customized and Local)

Powered by **THE CONNECTORY**

THE CONNECTORY

Free Widget

www.theconnectory.org/widgets

THE CONNECTORY

Customized API

<http://makered.org/resources/directory/>

The screenshot shows the MakerEd Directory website. At the top, there is a navigation menu with links for Home, About Us, What We Do, Blog, Resource Library, and Get Involved. Below the navigation is a search bar with a 'Search' button. The main content area features a 'Directory' section with a sub-heading 'Resource Library / Directory'. It includes a brief description of the directory's purpose and a 'Share This' button. At the bottom, there is a search filter section with a 'Filter' button and a 'Search' button.

The Connector Exchange

The logo for CGI America 2016 Commitment to Action is displayed in a dark blue box. It features the CGI America logo on the left and the text 'CGI AMERICA' and '2016 COMMITMENT to ACTION' on the right.

The Connector Exchange Pilot

NC STEM Center + The Connector

This slide displays several logos. At the top left is the NC STEM Center logo with the tagline 'Strategies That Inspire Minds'. To its right is The Connector logo. Below these are the logos for Burroughs Wellcome Fund and Time Warner Cable. At the bottom center is the SMT logo, which stands for North Carolina Science, Mathematics, and Technology Education Center.

Program Pages

The screenshot shows a program page for the Wade Edwards Foundation & Learning Lab (WELL). The page includes a 'FIND' button, a 'Wade Edwards Foundation & Learning Lab (WELL)' title, a description of the program, and a map showing the location. There are also sections for 'About the Program Provider' and 'WELL'.

Opportunity Pages

The screenshot shows an opportunity page for 'WELL - Hi Tech Teens'. The page features a 'FIND' button, a 'WELL - Hi Tech Teens' title, a description of the opportunity, and a map showing the location. There are also sections for 'About the Program Provider' and 'WELL'.

The Connector Exchange Value Add

- Consistency in one stop shop
- Extensive analytics - behaviors
- Greater resource awareness
- Provider communication strategy
- Asset identification – mapping (STEM Ecosystem)
- Landscape analysis
- Demand identification (education systems)

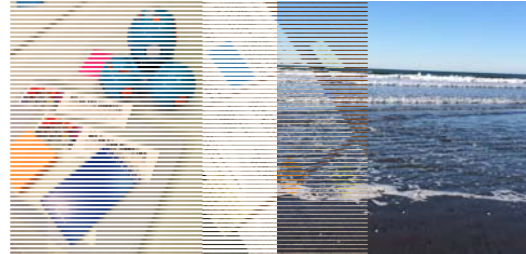
Clinton Global Initiative America Commitment

Expand The Connectory Exchange Community to 7 more cities, states, or regions by June of 2017

1. North Carolina
2. Maine
3. Colorado
4. City of Atlanta
5. Texas
6. Nebraska
7. ?
8. ?
9. ?
10. ?



Discussion and Advice



Thank You!



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