Welcome to the NGCP October Webcast!
We will begin in at 11:00 AM Pacific.
While you wait, please respond to the polls below.
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
Current Collaborative Sites

Regional Collaboratives

California:  
www.ngcproject.org/california

Florida:  
www.ngcproject.org/florida

North Carolina:  
www.ngcproject.org/northcarolina

Northwest:  
www.ngcproject.org/northwest

Texas:  
www.ngcproject.org/texas

Connecticut:  
www.ngcproject.org/connecticut

Kentucky:  
www.ngcproject.org/kentucky

Maine:  www.ngcproject.org/maine

Tennessee:  
www.ngcproject.org/tennessee

Great Lakes  (IL, IN, MI, OH, WI)  
www.ngcproject.org/greatlakes/index.html

Coming soon to the Northeast & Pennsylvania
Project Goals

1. Maximize access to shared resources within projects and with public and private sector organizations and institutions interested in expanding girls’ participation in STEM.

2. Strengthen capacity of existing and evolving projects by sharing promising practice research and program models, outcomes and products.

3. Use the leverage of a network or collaboration of individual girl-serving STEM programs to create the tipping point for gender equity in STEM.
Today’s Agenda

• Learn about the role and value of collaboration in programs who have received a mini-grant in the past
• Learn how to use the NGCP Program Directory to begin your collaboration
• Learn more about the mini-grant application process
Mini-grants Defined

• Incentive money (up to $1000) for girl-serving organizations to collaboratively provide STEM programming
Essential Elements

- Mini-grants are not designed to supplement ongoing projects, but to enhance access, services, and to build collaboration between programs and resources.
- At least two programs each from a different organization must collaborate on the mini-grant project.
- All programs collaborating on the mini-grant must be registered in the Program Directory.
- Projects proposed must include content from the Research Based Strategies in informal learning or evaluation and assessment.
Overview

The Program Directory lists organizations and programs that focus on motivating girls to pursue careers in science, technology, engineering, and mathematics (STEM). The purpose of the Directory is to help organizations and individuals network, share resources, and collaborate on STEM-related projects for girls.

The Directory contains Program descriptions, resources available within each organization, Program and/or organization needs, and contact information. Submitted entries undergo review and verification prior to publication.

From the following links (or those at the left), you are able to use these Directory functions:

- Programs - an alphabetical listing of programs within the Directory.
- Search - find particular programs within the Directory based on criteria such as name, location, needs, etc.
- Login - Sign in to the directory to register a new Program or edit an existing one.
### Programs

Below you will find an alphabetical listing of programs in the Directory.

- Click on a program's name to see full information.
- Click on "Organization," "City," "State," or "Zip" to sort the Directory.
- Click on "New Program" to add a Program to the Directory.

#### Program List

<table>
<thead>
<tr>
<th>Program Name</th>
<th>City</th>
<th>State</th>
<th>Zip Code</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;Where is the Software?&quot; video podcast</td>
<td>Shippensburg</td>
<td>PA</td>
<td>17257</td>
<td>Shippensburg University Women in Computer Science</td>
</tr>
<tr>
<td>4-H Science and Adventure Camp (Merced County)</td>
<td>Merced</td>
<td>CA</td>
<td>95340</td>
<td>UCCE - Merced County 4-H</td>
</tr>
<tr>
<td>4-H Tech Team (Merced County)</td>
<td>Merced</td>
<td>CA</td>
<td>95340</td>
<td>UCCE - Merced County 4-H</td>
</tr>
<tr>
<td>7th &amp; 8th Grade Girls Summer Science Camp</td>
<td>Hillsboro</td>
<td>OR</td>
<td>97124</td>
<td>Pacific University/Hillsboro-Forest Grove AAUW</td>
</tr>
<tr>
<td>AAPS Visiting Scientist Program</td>
<td>Arlington</td>
<td>VA</td>
<td>22201</td>
<td>American Association of Pharmaceutical Scientist</td>
</tr>
<tr>
<td>AAUW High Country Branch</td>
<td>Boone</td>
<td>NC</td>
<td>28607</td>
<td>AAUW NC High country Branch</td>
</tr>
<tr>
<td>AAUW High Point Branch</td>
<td>High Point</td>
<td>NC</td>
<td>27262</td>
<td>High Point Branch AAUW</td>
</tr>
<tr>
<td>AAUW Murfreesboro Branch</td>
<td>Murfreesboro</td>
<td>TN</td>
<td>37132</td>
<td>American Association of University Women</td>
</tr>
<tr>
<td>AAUW San Jose Tech Excellence Camp</td>
<td>San Jose</td>
<td>CA</td>
<td>95125</td>
<td>AAUW San Jose</td>
</tr>
<tr>
<td>AAUW-CA Tech Trek Camp</td>
<td>Palo Alto</td>
<td>CA</td>
<td>94303</td>
<td>American Association of University Women - California</td>
</tr>
</tbody>
</table>

Records 1 to 10 of 862
Program Search

Below are search fields for the Program Directory. Use one or more to find programs.

- In the "Resources Needed" and "Resources Available" fields, select multiple items by using the Ctrl key.
- Once you have selected one or more search fields, click "Submit" at the bottom of the form to search the Program Directory.

Program Name

City

State

Zip Code

Organization

Web Only / All-States Resource

- Include programs that provide resources via the Web and/or to programs in any state.

Program Focus

- Science
- Technology
- Engineering
- Math

Resources Needed
- Computer access
- Computer technology support
- Conferences
- Equipment donations
- Evaluation/Assessment services
- Facilities

Resources Available
- Computer access
- Computer technology support
- Conferences
- Equipment donations
- Evaluation/Assessment services
- Facilities

[Submit]
Program Name: Reel Grrls (began 2001)
Program Status: Active

Program Contact: Ruth Gregory (Workshop Coordinator)
915 E Pine St #415
Seattle, WA 98122
County: King

Phone: 206-303-2105

Focus: Technology
Girls served annually: 70
Boys served annually: 0

Program Description:
Plotted in 2001, Reel Grrls is a unique after-school media & technology training program that empowers girls to critique media images and to gain media technology skills in a safe, open environment, mentored by a network of multi-cultural women media professionals. Each year, 70 girls go through our program and graduate with valuable skills in video, audio, and web production. We believe that it is important to give young women the skills to critically evaluate the media they are exposed to and then to empower them to produce their own media. As media plays such an influential role in our global society, we believe that if women and girls are to achieve equality and advancement in today’s world they must be taught to be media literate.

Needed Resources:
- Equipment donations
- Facilities
- Funding
- Girls interested in STEM activities
- Volunteers

Available Resources:
- Computer access
- Computer technology support
- Girls interested in STEM activities
- Internships
- Mentoring
- Speakers
- STEM promotional materials
- Volunteers
- Workshops/classes/training
Collaboration Interests
- Joint event planning
- Providing in-kind support
- Sharing resources
- Working with schools
- Working with similar organizations

Populations Served
- At-risk
- Diversity focus
- High School
- Homeless
- Low income
- Middle/Junior
- Rural
- Single Parents
- Urban

Organization
Reel Grrls (non-profit)

Organization Contact
Ruth Gregory (Workshop Coordinator)
915 E Pine St #415
Seattle, WA 98122
County: King
Phone: 206-383-2105

Organization Description
Piloted in 2001, Reel Grrls is a unique after-school media & technology training program that empowers girls to critique media images and to gain media technology skills in a safe, open environment, mentored by a network of multi-cultural women media professionals. Each year, 70 girls go through our program and graduate with valuable skills in video, audio, and web production. We believe that it is important to give young women the skills to critically evaluate the media they are exposed to and then to empower them to produce their own media. As media plays such an influential role in our global society, we believe that if women and girls are to achieve equality and advancement in today’s world they must be taught to be media literate.
Program Description
Since 1961, Girls Incorporated of Pinellas has been providing girls in Pinellas County with a safe, healthy, and fun environment where they can come together in the critical out-of-school hours to learn, share and grow. For hundreds of girls facing social and economic challenges, Girls Inc provides the safe space, the encouragement and the programs they need in order to envision a brighter future and to see within themselves a person defined by more than their external circumstances. For these girls, this can be one of the most important opportunities they will ever receive. Girls Inc programs include research-based and evaluated curricula in economic literacy, media literacy, leadership and community involvement, health and fitness, culture and heritage, self reliance and life skills, and careers and life planning. Operation SMART (Science Math And Relevant Technology) fosters girls' interest in science and math and in technology-oriented careers. Girls Inc programs prepare girls to be productive citizens by building their capacity for responsible and confident adulthood, economic independence and personal fulfillment. Girls Inc programs enhance self-esteem and teach girls to appreciate and respect themselves rather than relying on others for validation. They also support and encourage girls to have hope, realistic expectations for the future, and to build the skill-set needed to reach their goals. Girls Inc programs help girls in developing a plan for the future, and to practice the skills that will help them realize their goals.
<table>
<thead>
<tr>
<th>Needed Resources</th>
<th>Available Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer technology support</td>
<td>Computer access</td>
</tr>
<tr>
<td>Equipment donations</td>
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<td>Funding</td>
<td>Facilities</td>
</tr>
<tr>
<td>Internships</td>
<td>Girls interested in STEM activities</td>
</tr>
<tr>
<td>Mentoring</td>
<td>Workshops/classes/training</td>
</tr>
<tr>
<td>Tutoring</td>
<td></td>
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<tr>
<td>Volunteers</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Collaboration Interests</th>
<th>Populations Served</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sharing resources</td>
<td>At-risk</td>
</tr>
<tr>
<td>Working with industry representatives</td>
<td>Elementary</td>
</tr>
<tr>
<td>Working with schools</td>
<td>Low income</td>
</tr>
<tr>
<td>Working with similar organizations</td>
<td>Middle/Junior</td>
</tr>
</tbody>
</table>

**Organization**

Girls Incorporated of Pinellas (non-profit)

**Organization Contact**

Renee McInnis (Executive Director)

7700 61st St
Pinellas Park, FL 33781

Phone: 727-544-8230 x117
Fax: 727-546-5575

**Organization Description**

Girls Incorporated of Pinellas’ mission is to “inspire all girls to be strong, smart, and bold!” This non-profit agency operates a licensed before/after-school program for girls ages 5-17 and a full time summer day camp at their spacious campus. Over 300 girls are empowered annually. Girls Inc. programs provide girls with activities that build self-confidence and break traditional patterns. Girls Inc. is noted for its unique education programs that are developed through extensive research and evaluation and in an all-girl atmosphere, girls are encouraged to take risks, acquire skills, and practice leadership.
Girls Inc. Galactic Girls
Summer Camp 2008
Galactic Girls

A Collaboration Between
Girls Incorporated of Pinellas
and Mad Science
Pinellas Park, Florida
Girls Inc. of Pinellas

Mission:
- “To inspire all girls to be strong, smart and bold.”

Vision and Philosophy:
- We believe that girls are capable of achieving their full potential if the social, cultural and legal barriers to their success are recognized and addressed. Girls Inc. is dedicated to understanding and eliminating the barriers confronting girls.
- Girls Inc. exists to empower girls and young women by enabling them to learn new information, acquire and develop skills, build self-confidence, and in all phases of their involvement, have fun!!!

Operation:
- Girls Inc. offers programs that are research-based and implemented nationwide.
Girls Inc. of Pinellas

Presenter: Mark Thielmann
7700 61st. St. N.
Pinellas Park, FL 33781
(727) 544-6230 x115

Title: Program and Center Director for Girls Inc. of Pinellas

Experience:
- B.S. in Organic Chemistry
- 22 years in industry
- Prior Child Protective Investigator
- Nonviolent Communication (NVC) Practitioner
- Peace Advocate
- Husband and Father of 3 children.
Girls Inc. of Pinellas

Why Science for Summer Camp?

- National statistics indicate that girls who do not have exposure to the sciences by middle school, do not tend to choose technical fields as a career.
- Girls tend to be discouraged from the sciences by middle school if they do not already have a foundation in those sciences, and are directed toward more “traditional” careers for women.
- Operation SMART, the Girls Inc. program targeted toward science, math and relevant technologies, was created to provide all girls with the opportunity to get their hands dirty, make mistakes, explore, discover and have fun!!
- Summer Camp 2008 was the first opportunity for Girls Inc. of Pinellas to present science as a fun, summer-long experience of exploration and creativity.
Galactic Girls Summer Camp

Primary Goals:

- Introduce the girls, ages 10-14, to science through the exposure to Space Science, and the development of a group science project.

- To have the girls learn from experts in the field of Space Science and related fields, then work with their program instructors to learn and explore for themselves a part/role they can play in this area.
Galactic Girls Summer Camp

Why Collaborate?

- Limited expertise in the organization.
- Limited time and resources to create an entire curriculum.
- Broadens exposure to the larger, scientific community.
- Opens up the possibilities of science as a career to girls who have never seen themselves in this area, and allows them to meet female professionals that can lead the way for them.
Galactic Girls Summer Camp

Why Mad Science as a Partner?

- Their personnel have wide ranging experience in the scientific fields.
- They are flexible and can work around time, locations and schedules.
- They inspire fun and engage children through interactive education.
Galactic Girls Summer Camp

Our Arrangement:

✓ Mad Science kicked off our Operation SMART summer camp by introducing all of the girls to the space science experience for summer.
  ❖ Galactic Girls (Space Science)
    ❖ 3 Groups of Approx. 20 each.

✓ The Girls Inc. Program Instructors then took that introduction and weaved a summer geared toward their particular science, with a targeted science project the goal for our end of summer science fair.
Galactic Girls Summer Camp

Mad Science Kickoff!

Do you orbit me, or do I go around you instead?

Is that what happens to a planet when the heat runs out?

Is this going to explode…I hope so!

Look out below!
Galactic Girls Summer Camp

Project #1: The Hubble Telescope

What’s an astronaut?

The Hubble Bubble Telescope...what?

This cutting stuff is cool!

Now we’re getting somewhere!

Who said the lines have to be straight?
This planning stuff takes a lot of work!

Do they really use PVC?

What goes in these modules?

We will have water, animals, plants in orbit...cool!

Astronauts live on this thing? What keeps it up there?
Galactic Girls Summer Camp

Project #3:
- Star Projector

This is so big, how are we going to see this in a tiny projector?

Now we got it!

Pink, blue, silver...so many choices!

We got to use a coping saw to make these.....a what?

Building a star projector is so much work I'm exhausted!
Galactic Girls Summer Camp
Science Fair

Star Projectors Extraordinaire

The Hubble Telescope Collection

The New and Improved International Space Station
Galactic Girls Summer Camp

Results:

- 60 girls, ages 10-14, spent 10 weeks of summer camp learning about space science, doing a wide range of experiments relating to space, and finally creating a joint project that was woven throughout the camp to display at the science fair.

- The girls and instructors had a great time learning together, growing together as a group, and creating their own understandings of science through that joint learning experience.

- Mad Science was an invaluable partner in this process because they brought the initial enthusiasm for science, demonstrated that learning can take place outside the traditional classroom environment, and helped the girls to see that they can do it too.

- Mad Science also brought an enthusiasm to the program staff and reminded them that they didn’t have to be experts in the field, just bring a willingness to try, be comfortable with mistakes, and be open to learning along with the girls.
Mini-grant Application Overview

New Grant Application
Below is a single-screen Grant application form.

- Only fields marked with * are required.
- Fields marked (non-published) will not appear in the public Grant Directory. This information is collected for data/evaluation purposes only.
- New applications retain the status of "Pending" and will not appear in the Directory until grant information is verified. After verification, the grant will become Active and be visible to all users.

*Lead Program

Project Title

*Project Description
Provide a 2-3 sentence description of the project to be published in mini-grant project archive. (1000 character limit)

Project Contact Info
*First Name
*Last Name

*E-Mail

*Phone (xxx-xxx-xxxx)

Sample: To apply for a mini-grant, go to http://ngcproject.org-mini-grant/index.cfm
Collaborating Programs

Search or Browse the program directory and click "select" associated to the program you want to add.

Role and Contributions
Provide the role and contributions of each collaborating partner. (800 character limit)

Project Goals
Briefly describe the Goals of your project.

Project Objectives
We suggest you specify 2 - 4 program objectives. Use the "add" button to choose objectives based on your activity's target audience.
Add a new project objective.

Project Design Plans
(800 character limit)

Activities and Methods
Provide detailed information on the activities and/or methods planned that demonstrate integration of research-based strategies. (800 character limit)
*Population Served
Select each of the grade ranges that will be served.
- K-5
- 6-8
- 9-12

Select if female, male, or both genders will be served.
- Female
- Male
- Both

Select each of the ethnicities that will be served.
- Asian
- Native Hawaiian/Pacific Islander
- American Indian/Alaska Native
- Black/African American
- Hispanic/Latino
- White, non-Hispanic

*Project Evaluation
Mini-grant projects will need to report the following information after the project is complete: total number of participants, number of girl participants, age/grade and ethnicity of participants, number of volunteers and number of staff.

Is your program already collecting this type of information?
- Yes
- No

*Assessment Activities
What assessment activities are you planning for this project (check all that apply)?
- Informal Observation of participants
- Informal Discussion with participants
- Informal Discussion with program staff/volunteers
- Informal Discussion with parents or other affiliated groups
- Formalized participant interviews or observations
- Pre and post participant surveys or questionnaires
- Post only participant surveys or questionnaires
- Formalized data collection with program staff/volunteers or parents (e.g. surveys, interviews, focus groups)
- Other: [ ]
**Research Based Strategies**

As part of the Extension Services Grant, NGCP is focusing on two Research Based Strategy areas: Informal Learning and Evaluation and Assessment. (To learn more about these Research Based Strategies, visit the [Research Based Strategies Resources](#) page.)

NGCP mini-grant funds are designated for projects that focus on one of these areas. Which of these two areas will be the focus of your Mini-Grant Project?

- [ ] Informal Learning
- [ ] Evaluation and Assessment

**Project Budget**

<table>
<thead>
<tr>
<th>Amount Requested</th>
<th>Amount of Matching Funds</th>
<th>Organization Providing Matching Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

**Project Budget**

Please provide an itemized budget below.

- [Add](#) a new budget item.

Budget Comments

...
Reel Grrls and Girls of All Cultures United

Media Boot Camp
August 22 - 24, 2008
Renton, Washington
Your Presenter

• Maile ("my-lee") Martinez
• Reel Grrls Program Manager
• 16 months on Reel Grrls staff
• Former middle school teacher, background in youth development as well as literary and film criticism
• maile@reelgrrls.org
• (206) 393-2085
Meet Reel Grrls

• Reel Grrls empowers young women from diverse communities to realize their **power**, **talent**, and **influence** through media production.

• Approximately 100 girls from the greater Seattle area go through our programs annually.

• We offer a variety of programs, from one-day workshops that focus on a specific area of media production, such as **stop-motion animation** or **scriptwriting**, to **video camps** and **summer internships**.
Girls of All Cultures United

- GACU is a support group for teen girls currently on probation with the King County Juvenile Court.
- The group was formed by a group of volunteer probation officers in response to a growing number of teen girls in their caseloads.
- The group meets weekly at the King County Department of Juvenile Probation Renton Unit.
The Collaboration: Media Boot Camp

- Reel Grrls brings a three-day video production and media literacy program - Media Boot Camp - to GACU.
- **Day 1:** Girls learn basics of camera operation and safety and media literacy. They work in small groups to come up with a concept for a one-minute public service announcement.
- **Day 2:** Girls learn basics of audio recording, lighting, and shot composition. Small groups shoot the PSAs.
- **Day 3:** Girls learn editing and animation and finalize video projects.
The Collaboration: Why?

• Reel Grrls aims to bring video production technologies to girls who otherwise would not have access to that technology, and fulfill our mission of empowering young women from diverse communities.

• GACU seeks empowering, positive, esteem-building activities for its participants - activities that show them career options and alternatives to gang activity and other crimes.
Potential Challenges

• Transportation
• Attendance/Attrition
• Participants’ lack of familiarity with Reel Grrls and staff
• Participant behavior
Preparation for Challenges

• **Transportation:** Media Boot Camp was intentionally held at the Department of Juvenile Probation Renton Unit, as opposed to the Reel Grrls programming space.

• **Attendance/Attrition:** Reel Grrls worked directly with the participants’ probation officers.

• **Lack of organizational and staff familiarity:** Reel Grrls staff visited and participated in GACU meetings for two weeks prior to Media Boot Camp.

• **Participant behavior:**
  – Norm setting and community-building activities
  – Emphasis on small group work
  – Abundance of adult and peer mentor “staff”
  – Lots of hands-on activities
Outcomes...
Outcomes

• Media Boot Camp Video
• Media Boot Camp Slideshow
Outcomes

• Seven GACU girls will participate in the next Reel Grrls program, RGTV, to be held at the Reel Grrls program office.
Participant Quotes

• “Reel Grrls is a wonderful opportunity for young women. It tests your leadership skills and work ethic.”
• “I loved my mentor she is awesome, she listened to my ideas and gave me great advice”
Contact Information

• Maile Martinez
  Reel Grrls Program Manager
• 1409 - 21st Ave, Seattle, WA 98122
• maile@reelgrrls.org
• (206) 393-2085
• www.reelgrrls.org
Mini-grant Selection

• The Regional Leadership Team reviews the mini-grant applications and uses a standard rubric to score the grants for funding.
Awarding Mini-grants

- After the Regional Leadership Team has reviewed the mini-grant applications, recommendations are made to the National Leadership Team for final selection.
- Mini-grant awardees receive notification from the Regional Leadership Team and paperwork and funding is handled by the national team.
- Recipients must sign a contract to receive the mini-grant funding.
# Current Regional Mini-Grant Timelines

<table>
<thead>
<tr>
<th>Region</th>
<th>Open Date</th>
<th>Close Date</th>
<th>Decision</th>
</tr>
</thead>
<tbody>
<tr>
<td>Florida</td>
<td>February 16, 2009</td>
<td>March 16, 2009</td>
<td>April 6, 2009</td>
</tr>
<tr>
<td>Great Lakes</td>
<td>Early 2009</td>
<td>Spring 2009</td>
<td>Spring 2009</td>
</tr>
<tr>
<td>Maine</td>
<td>October 10, 2008</td>
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<td>February 2009</td>
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<td>North Carolina</td>
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<td>Northeast</td>
<td>TBD Early 2009</td>
<td>TBD Early 2009</td>
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<td>Northwest</td>
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<td>February 15, 2009</td>
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<td>Tennessee</td>
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<tr>
<td>Texas</td>
<td>November 1, 2008</td>
<td>December 1, 2008</td>
<td>December 15, 2008</td>
</tr>
</tbody>
</table>
Time for Questions

Please use the Chat section of your screen and type any questions you have for the presenters. We will answer as many as time allows.

In case we can’t get to all of your questions, presenter contact information will be available in the archived webcast materials available at:

www.ngcproject.org/events/webcastarchive.cfm
More NGCP Information

Program Directory
www.ngcproject.org/directory

Mini-Grant Application
www.ngcproject.org/mini-grant

Join the NGCP listserv
www.ngcproject.org/resources/newsletter.html

Upcoming Webcast
Wednesday, November 12, 11:00-12:00 PST
“Inspiring Girls in Science and Engineering: Interactive Program Models and Resources”
www.ngcproject.org/events/webcast.cfm