Welcome to the National Girls Collaborative Project Webinar:

Recruiting, Training, and Retaining Role Models to Inspire Girls in STEM

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

• Introduction
• Intro to Fab Fems & Techbridge
• Recruitment
• Role Model Visits
• Role Model Experience
• Resources & Questions
• Wrap-Up
Access to Shared Resources
Strengthening Capacity
Equity
The FabFems Project

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Project Details

Share your past. Spark a future.

Find out more at www.fabfems.org
E-mail info@fabfems.org
Find us on Facebook
Role Model Directory: FabFems is a searchable directory of women STEM professionals interested in outreach to girls

Audience:
- Role Models
- Girl-Serving Programs
- Parents and Girls

www.fabfems.org
FabFems Website

Find a Role Model

Enter your search criteria on the right to find a role model. Visit the Resources page to learn more about facilitating role model experiences.

Allison Allain
Westminster, Colorado
Contact
Field of Work: Software
Ethnicity: White
Type of Visit: After-school visit

Resources: Identifying other role models

Maria Anaya
Oakland, California
Contact
Field of Work: Other
Ethnicity: Hispanic or Latino
Type of Visit: After-school visit

Resources: Career exploration activities, Fun demonstrations or materials, Funding opportunities, Hands-on activities for students, Identifying other role models, Other

Kimberly Anderson
Lexington, Kentucky
Contact
Field of Work: Chemical

Resources: Career exploration

Filter Results

Keyword
City
State
Interest
Ethnicity
Student Age Range
Field of Work
Type of Visit

Search Clear All
FabFems Website

- Write a short auto-biography
- Upload pictures and video
- Contact information
- Affiliation
Inspiring Girls in Technology, Science, and Engineering
What is Techbridge?

Girls  Teachers  Families  Role Models  Partners
Who is Techbridge?
“I can be anything but...”
“Secret Sauce” for Success

1 part passionate
1 part personal
1 part informal
1 part interactive

Mix ingredients and give time to develop
## Recruitment

<table>
<thead>
<tr>
<th>Ways to Build Your Community</th>
<th>Who to reach out to</th>
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</thead>
<tbody>
<tr>
<td>Flyers</td>
<td>Personal network</td>
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<tr>
<td>E-mails and listservs</td>
<td>Local Businesses</td>
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<td>Cold calls</td>
<td>Professional Associations</td>
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<tr>
<td>Bulletin boards at school</td>
<td>Government Employees</td>
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<tr>
<td>Excel database</td>
<td>Universities/Colleges</td>
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</tbody>
</table>
Contact FabFems

Taylor Prue

Role Model Profile

View Profile    Account Settings    Edit Gallery    Edit Profile    Approval

Forestville, MD
Profile status: Approved

Field of Work    Chemical Engineering
Company    IDEAs, NESBE, Women in Engineering
Student
Education    Attending The University of Akron
chemical engineering

Contact    Find Another Role Model

Share your past. Spark a future.
Creating the ask

• Convey Importance

• Provide Details

• Instill Confidence

• Ensure Support
Questions

• Where have you found role models?

• Where will you go next to look for role models?
Why do role models need training to prepare for an outreach event?
“Secret Sauce” for Success

Tip 1: Be Personal and Passionate
Role Model Share

- Personal stories
- Challenges and triumphs
- Kid-friendly language
- Positive experiences in STEM
- How engineers can change the world
“Secret Sauce” for Success

Tip 2: Make it Interactive
Icebreakers Can…

• Make girls and role models more comfortable
• Check for background knowledge
• Introduce new scientific topics, vocabulary or careers
• Make it fun!
“Secret Sauce” for Success

Tip 3: Highlight Overcoming Challenges
During a Hands-on Activity

What strategies can a role model use to keep girls engaged throughout an activity?

- Giving useful and specific feedback
- Using questions
- Promoting inquiry
“Secret Sauce” for Success

Tip 4: Offer Academic and Career Guidance
Making an activity meaningful

- Handling challenges
- Making science connections
- Connecting the activity to girls’ lives
- Associating careers with the activity
- Providing extensions
Retention

Communication is key

• Share future opportunities/dates
• Solicit ideas and feedback from the role model
• Keep them connected with the kids
• Keep involved with organization
• Develop community
Aerospace Engineer & Techbridge Role Model
Why I am a Role Model?

• I share what I do, and why I like it
• I help the girls “see” themselves in a career & enjoy STEM
• I have an opportunity to give back to the community
• I enjoy teaching girls about science
Tips

• Prepare ahead of time for workshop
• Tailor workshop for the group
• Engage girls right away
• Ask questions when talking with girls
• Plan hands-on activities for the girls
• Allow time for questions & make connections to STEM careers
• Talk directly with individual girls during workshop

• Engage girls with hands-on activities & ask questions
Resources

Presenters

www.fabfems.org
www.techbridgegirls.org

- [www.mentoring.org](http://www.mentoring.org) – Toolkits and programs for mentors
- [www.serve.gov/mentor](http://www.serve.gov/mentor) - STEM mentoring toolkit
- [www.mentornet.net](http://www.mentornet.net) – E-mentoring for science and engineering
- [www.genderequitycollaborative.org](http://www.genderequitycollaborative.org) – Resources for building a mentoring program
- [www.acementor.org](http://www.acementor.org) – Mentor program for Architecture, Construction and Engineering
- [sites.google.com/site/awmmath](http://sites.google.com/site/awmmath) – Mathematics mentoring network
Questions?
Get Involved

National Girls Collaborative Project

Call for Abstracts for WEPAN’s upcoming conference! Abstracts up to 350 words are due by November 16, 2012. 2013 Conference theme is: Engage Everyone: Building an Inclusive Climate for Diverse Communities for Women in STEM.
Get Involved
Get Involved

National Girls Collaborative Project

November 2012

Building the Capacity of STEM Practitioners to Develop a Diverse Workforce

NGCP Updates

Arizona, Louisiana, and California Conduct Successful Kick-Off Events!

Congratulations to the Arizona Science, Technology, and Engineering Collaborative (ASTEC) Project for Girls, Louisiana STEM Girls Collaborative Project (LaSTEM GCP), and the California Girls in STEM (CalGirls) Collaborative Project for their successful kick-off events. These events provided opportunities for organizations to connect and collaborate with others in their regions doing similar work, as well as to meet new partners. A few highlights: Arizona showcased a demonstration from the Physics Factory and provided an opportunity for participants to tour Biosphere 2. Louisiana featured a hand-on breakout session with the Emmy award-winning PBS’ Design Squad Nation discussing how to boost girls’ interest in engineering using multimedia resources and activities with a panel discussion of Louisiana women leaders in STEM. California’s highlights included keynote speaker Judy Lee of IDEO and an inspiring panel of girls talking about what encourages them to pursue STEM.
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