STEM Volunteer Training:
Volunteer Opportunities

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Names of Presenters

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TechBridge

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Corporation for National & Community Service
Agenda

• Welcome and Introduction
• Choosing Your Own Adventure (Megan Davis)
• Interactive - Sharing Best & Challenging Experiences
• Ask the Organizers – Frequently Asked Questions (Rabiah Mayas)
• Interactive - Sharing Other Volunteer Worries & Concerns
• Connectory (Karen Peterson)
• FabFems (Karen Peterson)
• Corporation for National & Community Service (Rosa Moreno)
• Questions & Answers

You are on mute!
Use your webinar bar to fill out poll, send a chat or send in a question.
Please tell us via chat if you cannot see or hear.
Choose Your Own Adventure

What Volunteer Opportunity is Right for Me?
Consider Constraints

**Time**
(Workday, Weekend, Evening? Is your employer receptive, or is this on your own time? School year or Summer?)

**Frequency**

**Format and Location**
(On your turf or mine?)
Make Time to Make a Good Choice for YOU

– Create an Online Profile
– Be a Pen Pal
– Judge a one-time Science Fair
– Work a Shift at a Booth
– Speak on a Panel
– Guest Speaker for a Group
– Repeat Role Model
– Mentor Occasionally
– Field Trip Host
– Guide a Job Shadow one day
– Sponsor an Intern Regularly

Choose Your Degree of Difficulty (also known as: your level of time commitment)
Make Time to Make a Good Choice for YOU

Consider Preferences, and What Inspires You?

– What Age Group do you Prefer?
– Do you Prefer Single Gender or Mixed Gender Groups?
– What Do You Want as the End Result for your Efforts?
– Conduct a kind of “Needs Assessment” of Your Community (newspaper, school board minutes, asking friends with children)
Practice and Prepare

When Your Adventure Calls

Check out techbridgegirls.org/rolemodelsmatter

- Watch “Sharing All About You” to craft your personal introduction
Questions to help you find the right fit and prepare for your volunteer experience

**Location:**
- What is the entry process? Do I need any special identification to enter?
- Will someone be there to help me bring in my materials?
- Do you have a projector or WiFi (or access to water, fume hood, etc.)?

**Audience:**
- Who do you expect to be in attendance?
- Are there any special needs or other considerations?
Ask the Organizers

**Budget:**
- Do you have funds available for supply costs?

**Media:**
- Will the experience be photographed or recorded? How will it be shared?
- May I have copies for use at my organization or on social media?

**Feedback:**
- Can I review my presentation in advance with someone from your team?
- Are you conducting any evaluation? May I have access to the results?
So You’re Hooked!

Now What?

Communities of STEM professionals involved in public engagement

- National Alliance for Broader Impacts (NABI)

- Trellis Science / AAAS
  – [www.trelliscience.com](http://www.trelliscience.com)

- Portal to the Public (PoPNet)

- Million Women Mentors
  – [https://www.millionwomenmentors.org/](https://www.millionwomenmentors.org/)
The Connectory
The Connectory Overview

- Largest and most comprehensive directory of STEM opportunities and programs
- Online collaboration tool
- Showcase STEM opportunities to families
Spark your child’s curiosity

Connect to a STEM opportunity for your child.

Opportunities Near You Now

StemBox Owl Pellet Dissection Workshop
Stembox is a monthly subscription box that makes real science accessible to young girls. STEM...
05/06/2015 - 12:00PM - 2:00PM $25 OR LESS
SEATTLE, WASHINGTON AFTERSCHOOL

Girls in Engineering, Math, and Science (GEMS) Seattle Program
Girls in Engineering, Math, and Science (GEMS) is a year-long science, technology, engineering...
10/06/2015 (ALL DAY) - 05/05/2016 (ALL DAY) FREE
SEATTLE, WASHINGTON AFTERSCHOOL

Destination Science Summer Camp
The fun science day camp for curious kids 5 to 11! Hey Kids! Build a robot, explore the science...
06/15/2015 (ALL DAY) - 08/20/2015 (ALL DAY) $101-$500
BELLEVUE, WASHINGTON SUMMER CAMP

iD Tech Mini Held at Eton School
Kids ages 6-9 will have a blast at iD Tech Mini, where half-day options let aspiring innovators...
06/29/2015 (ALL DAY) - 08/14/2015 (ALL DAY) $101-$500
BELLEVUE, WASHINGTON SUMMER CAMP
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
Provider Portal
Join the largest portal of STEM program providers

Sign-up is Easy

SIGN UP
Make an account profile

CREATE
Add your youth programs and opportunities

APPROVAL
We approve your listings so that they can be searched for by program providers and families

DISCOVER
Search for other programs providers to connect with

Join The Connectory
Find Partners

Partner Search
Discover partners with the perfect criteria, anywhere

Filter Results
Search Keywords
Location (e.g., city, or state)
11238

323 Programs Found Page 1 of 18
Girls Go Techbridge in
WaterBotics
GIRLS!
Online Collaboration

Brains Full of Science

Brains Full of Science is an awesome organization.

Program Breakdown

- **Needed Resources/Activities**
  - STEM curriculum/activities
  - facilities/physical space

- **Available Resources/Activities**
  - professional development
  - mentoring
  - girls interested in STEM

**Collaboration Interests**
- outreach/community events
- sharing resources
- working with K-12 schools
- working with similar organizations

**Program Location**
4616 25th Ave NE
Seattle, Washington 98105
Making circuits

SEPTMBER 30, 2015 8:00 AM - 9:00 AM
AFTERSCHOOL | FREE

Learn how to make circuits.

Ages  
Middle School

Opportunity Focus  
General Science

Type of Opportunity  
Afterschool

Scholarships Available  
No

Opportunity location  
123 Broadway
Manhattan, New York 10013

Languages  
English

Providers: Learn more about the program offering this opportunity and how to collaborate. >
How Families Find Opportunities

Find an Opportunity
Search for events, programs, and activities in your community

Filter Results
Keyword Search
Postal Code: 06270
Distance: 50 Miles
From Date: Format 2015-09-16
To Date: Format 2015-09-16
Area of Interest:
- Arts
- Biology
- Coding/Programming
- Computer Science

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ID Tech Mini Held at Eton School
Kids ages 8-9 will have a blast at ID Tech Mini: where hands-on

TAF Expo 2015
Our annual exhibition event for TAF students (grades 5-8) to display and demonstrate their STEM...
Free Widget

Get the Code
Choose the dimensions, build your query, then copy and paste the code. That’s it!

1. Choose the widget width for your content area
   - Full Width Widget (940 - 1200 pixels)
   - 2/3 Width Widget (Approx - 788 pixels)
   - Single Column Widget (Approx - 300 pixels)

2. Select your areas of interest
   Only if you want pre-populated results is this step necessary

   Location
   ![Location field]

   Areas of Interest
   - All
   - General Science
   - Arts
   - Business
   - Engineering
   - Computer Science
   - Making/Do It Yourself
   - Biology
   - Digital Media Production
   - Coding/Programming
   - Space science / Rocketry
   - Earth and Environmental Science
   - Technology
   - Invention / Innovation / Business

   Type of opportunity
   - All
   - After school program
   - Summer camp
   - Competition
   - Fair or Festival
   - Community Event
   - Online Learning
   - Conference or Workshop
   - In School Program
   - Field Trip
   - Overnight
   - Drop-in Program
   - Other
The FabFems 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
FabFems is an international, online, searchable directory of women STEM professionals interested in outreach to girls

Audience:

• Role Models
• Girl-Serving Programs
• Parents and Girls

www.fabfems.org
Search & Connect

- Keyword
- City
- State
- Interest
- Ethnicity
- Student Age
- Field of Work
- Type of Visit
- Affiliations
Various Ways to Engage

• Online (Email, Skype, Google Hangouts, etc)
• Job shadowing
• Field trips
• Visits to your site/location
Next Steps

• Join the directory
• **Stay connected** via FabFems [Facebook](#) page and NGCP [e-newsletter](#)

info@fabfems.org
Rosa Moreno

Senior Policy Advisor, Partnerships

rmoreno@cns.gov
FedServe

• Building on the President’s call to action to inspire the next generation of students.

• Cross-agency collaboration to support one million hours of volunteering by federal employees in STEM and making-related activities.
Get Involved

Find & Share Volunteer Opportunities

• Portal for STEM opportunities—serve.gov powered by allforgood a Points of Light service.

Make the Pledge!

• To help close the STEM skills gap and inspire the next generation of STEM professionals, take the FedServe challenge and make a commitment to engage in STEM activities
• Make the Pledge! www.nationalservice.gov/fedserve/make-pledge
Interagency Volunteer Fair

Overview
CNCS is hosting this year’s Interagency STEM Volunteer Fair during National Week of Making.
- 100 Federal employees
- 17 Federal agencies
- 20 Nonprofits

Logistics
- Location & Specific Date TBD
- Interested in participating or questions?
  - POC: Robert Bisi – engagement@cns.gov
Email us: STEMED@energy.gov

Tweet and Facebook with us: #WomenInSTEM #STEMCafes

Find this training and presentation on our website at: http://www.energy.gov/diversity/services/stem-education