



Alysha Branch <alysha@networkforyouthsuccess.org>

# Your May STEAM Girls' Collaborative Newsletter!

5 messages

**Alysha Branch** <alysha@networkforyouthsuccess.org>  
To: alysha@networkforyouthsuccess.org

Thu, May 4, 2023 at 11:51 AM

## New York STEAM Girls' Collaborative Newsletter May 2023



### Table of Contents

- [Spotlight: NGCP 2023 Youth Advisory Board](#)
- [Start your GWC Club today!](#)
- [2023 STEM Education Summer Institute](#)
- [Project Invent Fellowship Application](#)
- [STEM Resources](#)
- [More STEAM Events](#)
- [Follow us on social media!](#)
- [Submit your news, events, trainings, and resources](#)

## Spotlight: NGCP 2023 Youth Advisory Board



The National Girls Collaborative Project (NGCP) Youth Advisory Board (YAB) is a collective of high school students who identify as girls. The board members are from diverse regions, backgrounds, and have a passion for STEM. The 2023 goals are to educate YAB members on various opportunities in the STEM fields, connect with STEM role models, and engage with youth through Town Hall meetings. The YAB mission is to continue to provide input on current NGCP initiatives and inform the future direction of NGCP. This past fall NGCP began the process of selecting new students to join the YAB. We are proud to announce this year's newest YAB members.

Learn more about the members part of the 2023 Youth Advisory Board [here](#).

## Girls Who Code

Start your GWC Club today!

Girls Who Code is an international nonprofit working to close the gender gap in technology. Their free and flexible Clubs program empowers teachers, librarians, and community volunteers to spark computer science interest among 3rd-12th grade students of all genders.

### TOP BENEFITS OF GIRLS WHO CODE CLUBS

#### Save Time



- 120+ hours of coding tutorials.
- Community-building sisterhood activities.
- GWC Tech Spotlights highlighting diverse innovators in tech.
- Comprehensive meeting guides to run seamlessly.

#### Deepen Engagement



- \$500 Clubs Fund and swag benefits for eligible Clubs.
- Toolkits and templates for recruiting members.
- Virtual events like GWC Talks and CS Ed Week workshops inspire a new vision of who can be a programmer.

#### Outcomes with Impact



- Girls Who Code is on track to achieve gender parity in new, entry-level tech jobs by 2030.
- Our alumni are earning computer science and related degrees at 7x the national average.
- Clubs help students hone the skills they need to pursue careers of the future.

Ready to start a club? [sign up here!](#)

Indicate you're part of **New York State Network for Youth Success** on the Clubs application, and you'll unlock additional support, access to special events, and exclusive opportunities for swag. No coding experience required!

## 2023 STEM Education Summer Institute

STEM 360

## STEM 360 – Growing Opportunities in Changing Environments



### ALFRED STATE SUNY COLLEGE OF TECHNOLOGY

The 2023 STEM Education Summer Institute is happening July 30– August 1.

This is a great opportunity to earn up to 17 CTLE professional learning hours through diverse STEM presentations over 8 sessions. There will also be tours, keynote speakers, STEM trivia, and other fun events.

Registration for STEM Education Summer Institute is open! [Click here](#) for more information.

The Summer Institute is also accepting presentations & posters that address learning levels PK – 20 that show how to integrate two or more STEM disciplines, with an emphasis on elementary STEM this year. To submit, [click here](#).

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### MARGARET ASHIDA STEM LEADERSHIP AWARD

To honor the memory of Margaret Ashida, the New York State STEM Education Collaborative will honor STEM Leaders in: PreK-5 Education; 6—12 Education; Higher Education; and the STEM Workforce each year with a “**Margaret Ashida STEM Leadership Award.**”

The Margaret Ashida STEM Leadership Award seeks to honor persons who are making significant STEM connections within their community through their time, actions, talents and dedication. The honorees selected serve as a role model for STEM Leadership as they are striving to enhance the STEM workforce through their connections between business/industry and STEM educational leaders.

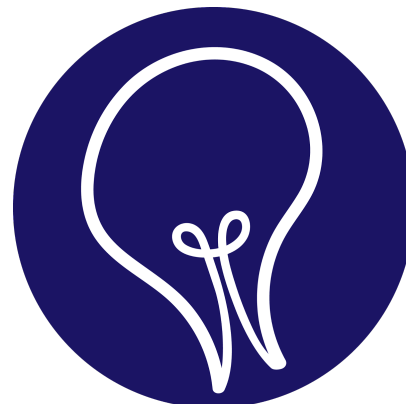
Nominate a great teacher from one of three grade levels or business person for this award [here](#).

### Project Invent Fellowship Application is Open

2023-2024 Cohort Application due May 31st

Project Invent is a nonprofit that helps educators use STEM for social good. They are currently seeking educators to join their 2023-2024 cohort!

Each year, a group of innovative middle and high school educators receive training in design thinking so that they can implement Project Invent with their students, building prototypes inspired by real people and creating authentic impact in their communities. Project Invent Fellows have access to opportunities like professional development, access to a network of other disruptive educators, connections to industry professionals, and the opportunity to



showcase team projects at Demo Day X events to earn funding!

**[Click here](#)** to apply for the fellowship are open until May 31.

Interested in learning more, please reach out to Kerry Hynes, Partnerships & Recruitment Manager, at [kerry@projectinvent.org](mailto:kerry@projectinvent.org).

## STEM Resources

### Spring Experiments and Science Near Me Directory

#### Science Experiments for Spring

Celebrate spring with these free science and engineering lessons, projects, and activities for enriching hands-on STEM activities related to spring weather, flowers, plants, and more!

**[Click here](#)** to explore these spring science experiment resources.



#### Science Near Me

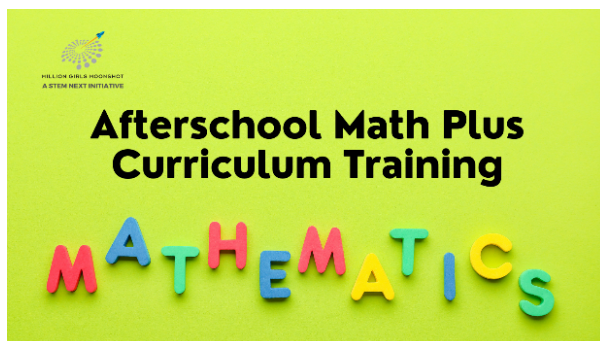
Science Near Me is a free, nationwide directory of STEM opportunities, including citizen science projects, museum events, science festivals, out-of-school time programs, Maker Faires, public science policy forums, astronomy clubs, science cafes, and more.

Science Near Me Exchanges are customized versions of Science Near Me tailored to fit your needs. For example, it can display events that are found within a state, like Alabama STEM Council's STEM Near Me, which shows opportunities across Alabama state. You can host your own Exchange or submit your opportunities through another organization's exchange depending on your needs. Working together we can help identify your organization's goals and offer technical support to set up your connection to Science Near Me.

## More STEAM Events

### Afterschool Math Plus Curriculum Training

***Thursdays: May 16, June 20, July 18, August 15, September 19, October 17, and November 28, 2023 1:00 - 2:00 PM***



Date and Time	Afterschool Math Plus Curriculum Topic Areas
April 18th	Jump Rope Math: Everyday Math & Exploring Jump Ropes <i>Collect data about participants' jump rope techniques. Use the data to create bar graphs, draw conclusions, and ask questions about jumping rope.</i>
May 16th	Jump Rope Math: The Whys of Jumping Rope <i>Conduct surveys about why people jump rope and use data to create bar graphs and Venn diagrams to represent people's answers.</i>
June 20th	Jump Rope Math: How Far Can You Go? <i>Create line graphs and use data to make predictions about how far jumpers can travel in a set amount of time.</i>
July 18th	Jump Rope Math: Going to Great Lengths <i>Observe patterns, create a scatter graph, and analyze data to make predictions about connections between jump rope length and jumper height.</i>
August 15th	Jump Rope Math: Designing a Math Investigation <i>Use bar graphs, line graphs, scatter graphs and Venn diagrams to explore different ways of answering math questions about jumping rope.</i>
September 19th	MusicMath: Unexpected Math, Creating Rhythms, and Making Rhythm Patterns <i>Create musical patterns, then repeat the patterns and think about how to represent the patterns using words, pictures, and symbols.</i>
October 17th	MusicMath: Composing Music (with Math!) <i>Experiment with repeating patterns and create new arrangements using similar sounds in different sequences.</i>
November 14th	MusicMath: Discovering Music Fractions <i>Identify and represent parts of fractions using music and explore combinations and permutations, or ways of creating variety while still using the same elements.</i>
December 12th	MusicMath: Orchestration <i>Use fractions to create musical compositions, then perform the compositions using found instruments (pans, boxes, pencils, whistles). Create new combinations and permutations for the music fractions.</i>

Note: Each webinar will include strategies to support a positive Math Identity (e.g., role models, career connections, family connections, literacy connections).

**REGISTER FOR EACH INDIVIDUAL TRAINING SESSION [HERE](#)**

**Jun. 6: Learn to be an Ally to Girls and Women in STEM (3:30 pm)**



Research shows that men have a crucial role to play in the advancement of women in STEM. Join NGCP to learn strategies and resources (including the [Male Allies Toolkit](#) from NCWIT) that male parents, educators, and professionals can use to become effective allies to girls and women pursuing STEM!

Hosted by Dr. Amanda Sullivan. Guests: **Joanne Esch**, Senior Research

Associate, National Center for Women and Information Technology (NCWIT), **Snehal Bhakta**, Career and Technical Education (CTE) Administrator for the Clark County School District, and **Joshua Sneiderman**, Father, Author, & Girls in STEM Advocate.

## Want even MORE news and updates?

### Follow us on social media!

Keep up with news, views, and events through our social media. The STEAM Girls' Collaborative Leadership Team contributes to our feeds, giving you even more content about STEAM learning and equity.

Like us on [Facebook](#), search for @NYGCP.

Follow us on [Twitter](#), @NYSTEAM4girls

Interested in other work with youth? Stay tuned to the Network for Youth Success' channels!

Like us on [Facebook](#), search for @NetworkforYouthSuccess

Follow us on [Twitter](#), @NYSYouthSuccess

## Contribute to our next newsletter...

### Submit your news, events, trainings, and resources

Do you have STEAM related events, workshops, conferences, resources, or celebrations you would like to share with the NY STEAM Girls' Collaborative network? We would like to help you share! Each month, we send out an e-newsletter, and we need your content and contributions to make it a truly collaborative effort!

Our reach includes formal and informal educators, as well as others who are interested in girls' access to opportunities.

There are two types of content we can send out:

- **Short** - these blurbs are no more than **80 words** and are great for event or resource sharing.
- **Long** - these are no more than **130 words** and can have more description or detail. These are the featured articles in each newsletter.

Some things to keep in mind:

- **Include web links.** Link to more information, resources, registration, etc. The newsletter promotes and highlights, but the full story should be elsewhere.
- **Include an image.** Small, square image files, such as logos, help draw attention and improve the overall look of the newsletter.
- **Edit for clarity.** Please read your submission before sending it to make sure it makes sense to someone who doesn't know you, your organization, or your event.

Any material submitted may also be promoted via the NY STEAM GC Twitter feed, Facebook page, or LinkedIn page, increasing the range of promotion!

Please send your May submissions to [NYSTEAM4girls@gmail.com](mailto:NYSTEAM4girls@gmail.com) by 1 PM on Friday, May 26th. We will try our best to include all inputs received! Email us at the same address if you have questions.



Remove my name from all future mass email communications:

Address postal inquiries to:  
New York State Network for Youth Success, Inc.  
<415 River Street>  
Troy, NY 12180

**Alysha Branch** <[alysha@networkforyouthsuccess.org](mailto:alysha@networkforyouthsuccess.org)>  
To: Timothy Fowler <[timothy@networkforyouthsuccess.org](mailto:timothy@networkforyouthsuccess.org)>

Thu, May 4, 2023 at 11:52 AM

STEAM newsletter Draft below. Ill proofread before I am done for the day and can send it out this afternoon (2pm ish) or tomorrow morning .

-Alysha  
[Quoted text hidden]



**Alysha Branch** (*she/her/hers*)  
Capacity Building Coordinator  
New York State Network for Youth Success  
*The Network for Youth Success is committed to supporting justice, equity, diversity, and inclusion.*

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**Timothy Fowler** <[timothy@networkforyouthsuccess.org](mailto:timothy@networkforyouthsuccess.org)>  
To: Alysha Branch <[alysha@networkforyouthsuccess.org](mailto:alysha@networkforyouthsuccess.org)>

Thu, May 4, 2023 at 1:37 PM

Alysha, thank you.  
Under "Science Near Me," keep the first paragraph. Instead of the second paragraph, try this (sorry for the weird fonts and whatnot):

List your program, event, and/or organization in Science Near Me for no-cost.

**If you have a program specific for girls, list your offering in Connected Girls. Connected Girls is a free, curated directory of girl-serving STEAM opportunities.** NGCP manages Connected Girls in partnership with **Science Near Me**, an NSF-funded resource with the goal of helping anyone — anywhere in the U.S. — participate in engaging science, technology, engineering, and math that matters. Add your STEAM opportunities and events that are designed for girls or other groups that have been historically excluded. Additionally, you can now include professional development opportunities for adults related to gender equity and STEM. General Out-of-School Time (OST) opportunities **should now be added to Science Near Me.** **Check out the Quick Start Guide.**



**Timothy Fowler** *(he/him/his)*

Professional Development Director

New York State Network for Youth Success

*The Network for Youth Success is committed to supporting **justice, equity, diversity, and inclusion.***

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**Alysha Branch** <alysha@networkforyouthsuccess.org>  
To: Timothy Fowler <timothy@networkforyouthsuccess.org>

Fri, May 5, 2023 at 9:03 AM

Perfect! Edits made and I just went through and proofread everything so ill send this out this morning!

-Alysha

[Quoted text hidden]

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**Timothy Fowler** <timothy@networkforyouthsuccess.org>  
To: Alysha Branch <alysha@networkforyouthsuccess.org>

Fri, May 5, 2023 at 12:24 PM

Awesome sauce. Thank you!

--Timothy



**Timothy Fowler** *(he/him/his)*

Professional Development Director

New York State Network for Youth Success

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(518) 486-8559



7/19/23, 12:57 PM

New York State Network for Youth Success Mail - Your May STEAM Girls' Collaborative Newsletter!

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