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Mid Month STEAM news update!

1 message

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Here's your mid month STEAM news update!

Editor's Note:

There is so much happening in STEAM education that we couldn't fit it in just one email. For this month we are adding a mid-month newsletter to complement our previously sent June newsletter. If you have events, celebrations, or resources to share, read to the end to learn how you can submit content for future newsletters.



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Get connected with the National Girls Collaborative Project

The National Girls Collaborative Project (NGCP) is a network of networks. That brings together organizations committed to informing and encouraging girls to pursue careers in science, technology, engineering, and mathematics (STEM).

NGCP supports and creates STEM experiences that are as diverse as the world we live in. NGCP has been transforming STEM for 20 years.

NGCP Initiatives

National Girls Collaborative Project has programs and partners in every state. In addition to Local Collaboratives, NGCP leads other initiatives designed to strengthen girl-serving organizations, advance the agenda in gender equity, and expand participation in STEM. Check out a few of the NGCP initiatives below:

FabFems: Managed by NGCP, [FabFems](#) is an international database of women in STEM, all passionate about serving as role models and helping spark career interest and

awareness. The site connects young women with female STEM professionals during critical transition points in the career pathway. FabFems is free and open to young women, families, and girl-serving STEM programs. With nearly 2,000 FabFems, the site serves more than 5,000 girls every year. NGCP resources.

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.

Follow NGCP on Social Media

Twitter: <https://twitter.com/ngcproject>

Facebook: <https://www.facebook.com/ngcproject>

Instagram: <https://www.instagram.com/ngcproject>

YouTube: <https://www.youtube.com/channel/UCQit07cAU9fE-rwv9nSA40g>

Looking for even MORE resources? Check out the events and announcement section of the NGCP website for webinars and resources.

National Summer Learning Association Discover Summer Registry

National Summer Learning Association's (NSLA) [DiscoverSummer.org](https://www.discoversummer.org) offers a nation-wide summer learning registry to help families of all socioeconomic backgrounds find local summer programs for their kids. Powered by InPlay, program providers across the country are invited to add their program details to the DiscoverSummer.org database.



[Submit your program details here.](#)

STEAM Activity Playlist

Celebrating Pride and Juneteenth



Activity Playlist

Looking for a sequence of activities you can implement in your afterschool program today? Say goodbye to googling or searching on Pinterest. Use the following activities in sequence to support youth in building an engineering mindset.

- **Celebrating Pride Month in STEM:** To celebrate Pride month, we've rounded up resources, networks, blogs and more from the Science Council membership.
- **LGBTQ in STEM:** A guide that focuses LGBTQ+ people, organizations, and history in the fields of STEM. The guide includes resources, articles, podcasts, and events.
- **Historical legacy of Juneteenth:** Juneteenth, also known as Freedom Day, Jubilee Day and Liberation Day, is an American holiday celebrated annually on June 19. It is the oldest, national commemoration of the emancipation of enslaved African Americans in the U.S. Celebrate with your youth with these resources from the National Museum of African American History.
- **Activities:** Celebrate spring with 26 free science and engineering lessons, projects, and activities for enriching hands-on STEM related to spring weather, flowers, plants, and more!

IF/THEN Collection

These assets feature IF/THEN® Ambassadors. Listen to stories and read the bios of these amazing women in the field of STEAM.

Joyonna Gamble-George, Ambassador Profile

With more than a decade of research expertise in the area of Alzheimer's disease pathology, anxiety and stress-related disorders, neurotoxicity, drug addiction, and therapeutics you could say Dr. Joyonna Gamble-George knows a thing or two about the brain! She gives her expertise as a Health Scientist at the National Institutes of Health, National Heart Lung and Blood Disorder Institute. She is also the co-founder of SciX, creating science-based and health-related mobile, wearable applications and devices for monitoring and responding to risk factors responsible for various health conditions, human behaviors, and neuro-sensory thresholds in order to predict, prevent, and manage life altering events.





Erin Smith, Ambassador Profile

Erin Smith is on a mission to build the future of neurological and mental healthcare. She believes in a future where brain health is objective, personalized, and preemptive. Her ultimate goal is to advance brain science discoveries and translate these findings from the lab to make them readily available and accessible. Erin is the founder of FacePrint, a tool to detect and monitor Parkinson's disease using video technology and early-stage facial expression impairments. FacePrint was developed and validated through two initial pilot studies



and is currently undergoing clinical trials with Stanford Medical School and the Michael J. Fox Foundation. Erin's research has been awarded at an international level, and she was recently recognized in Forbes 30 under 30.

You can find even more information and resources on these IF/THEN Ambassadors [here](#).

National Zoo and Aquarium Month

Information and Resources

June is National Zoo and Aquarium Month. Check out the association of Zoos and Aquariums, which provides a collection of links including educator resources. Additionally many of the links will also have videos, wildlife facts, lesson plans, and activities.

[Click here](#) to search the educator resources.

More STEAM Events

Jun. 23: International Women in Engineering Day

Organized by Women's Engineering Society, June 23 is an international awareness campaign to raise women's profile in engineering and focus attention on the career opportunities available to girl in engineering.

Click [here](#) for more information and resources.

Hiring Interns or Teen Leaders for the Summer? Asynchronous Course

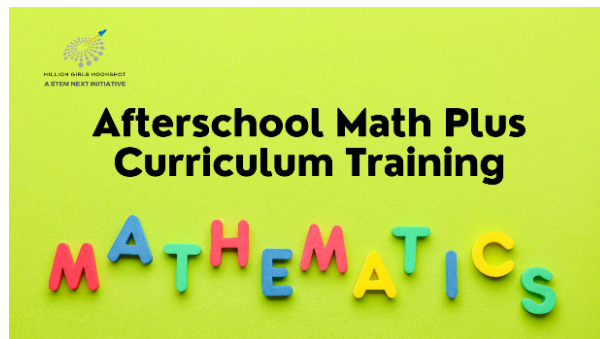
Click2ComputerScience's new course, [Teens Learning to Lead](#), is a great way to help new interns get prepared for working with youth. It is a leadership course for high school and college-aged people designed for participants to complete on their own, or with a team. We recommend that teams who will be teaching together over the summer complete the course together. Participants will need a computer and a journal for reflecting on their learning. The reflection points can be the basis for discussions with a supervisor, mentor or coach that will help participants learn and grow as leaders.

This is a self-directed online learning experience offered at no cost by Click2ComputerScience. The course is divided into four units with a culminating

experience that lets participants apply what they have learned. See [Teens Learning to Lead](#) for yourself.

Afterschool Math Plus Curriculum Training

Thursdays: June 20, July 18, August 15, 1:00 - 2:00 PM



Click below to register for one or more of the webinars and learn how to use Afterschool Math Plus activities in your afterschool time program.

June 20th | Jump Rope Math: Going to Great Lengths

Observe patterns, create a scatter graph, and analyze data to make predictions about connections between jump rope length and jumper height.

July 18th | Jump Rope Math: Designing a Math Investigation

Use bar graphs, line graphs, scatter graphs and Venn diagrams to explore different ways of answering math questions about jumping rope.

August 15th | Afterschool Math Plus

Experience an activity from each of the Afterschool Math Plus themes.

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. 20: Click2Engineering Summer Gathering (2:00-3:00 PM)

Don't miss a relaxed opportunity to connect or reconnect with colleagues who are interested in engineering education in out-of-school time programs. You'll hear from a national leader in engineering education, find out what is coming up with Click2Engineering community of practice and network with colleagues all with a laid-back summer break atmosphere.

[Click here](#) to register.

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

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.

Please send your July submissions to NYSTEAM4girls@gmail.com by 1 PM **on Friday, June 30th**. We will try our best to include all inputs received! Email us at the same address if you have questions.

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



[Remove my name from all future mass email communications:](#)

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