



# GIRLS IN TECHNOLOGY NEWSLETTER

Quarterly Newsletter, Volume 4 | February 2022



## #GITGirl Spotlight: Eman



### FACTS ABOUT THIS #GITGirl

- STEM Interests: Sustainability and Computer Science
- Personal Motto: "Let Your Will Do the Walking"
- Dominion High School the Academies of Loudoun, Senior - Class of 2022!
- During her sophomore year, she and a group of friends formed a Climate Change Club at their school
- Learning Java programming language in school and Python through an online course; has exposure to robot processing automation
- Served as a brand ambassador for a tutoring and college advising platform promoting educational equity

The main lesson Eman received from the Climate Change Club was to **be bold and take opportunities that come your way.**

## MENTOR PROTÉGÉ PROGRAM (virtual)

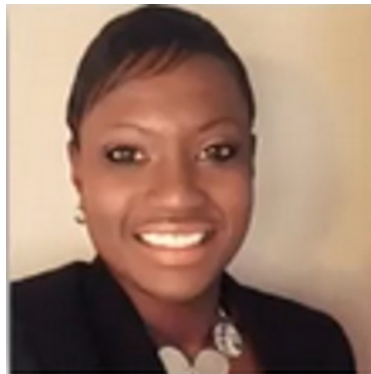
As we look towards Women's History Month, we recognize these ladies who provided exception topical mentoring to our future STEM leaders!

### Session 1: Exploring the World of STEM

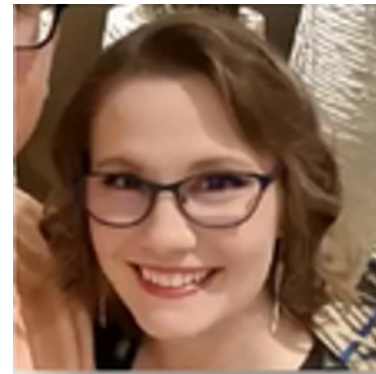
*Held on Thursday, October 14th*



Gretta Martinez



Danielle Estrada



Jordan McCormick

### Session 2: Journey through STEM: Twists & Turns and Design Thinking

*Held on Tuesday, November 16th*



Amy McKenna



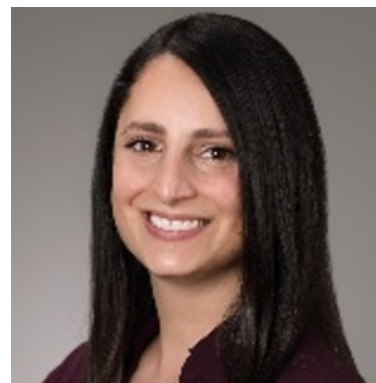
Cyrena Jackson

## Session 3: Whats in your STEM?

Held on Thursday, January 13th



Hadley Sis



Sabina Kratzmeier, Ph.D.



Kristine Harjes

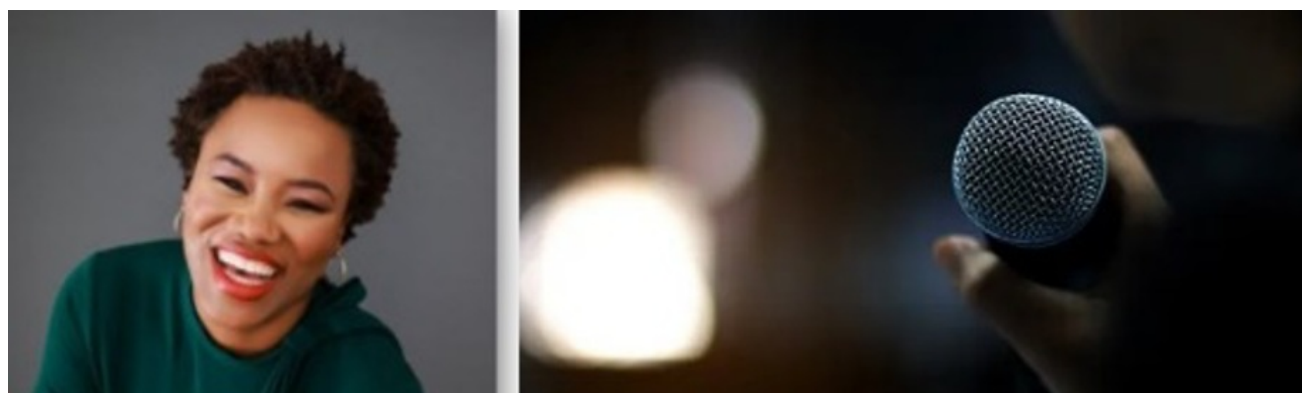


Nickoria Johnson



## Session 4: Public Speaking with Confidence

Held on Tuesday, February 8th



Karla James Noland, Author - Personal Development Coach - Speaker

**Interested high school-aged girls can still register!**

Contact Keisha Jackson, Mentor Protégé Program Director, at [GIT.MP@womeintechnology.org](mailto:GIT.MP@womeintechnology.org) if you have questions or offerings for this program.

**Apply to be a GIT Protégé**

# SHARING OUR SUCCESS PROGRAM

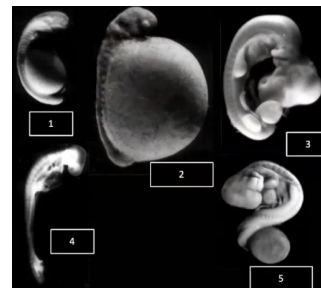
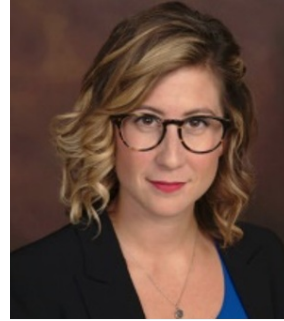
The Big Cheers for STEM Careers event in November was brilliant! Thank you volunteers and STEMinistas!

## Science

Dr. Kelsey Gerbig



Dr. Allyson Kennedy



Which image is a human embryo?

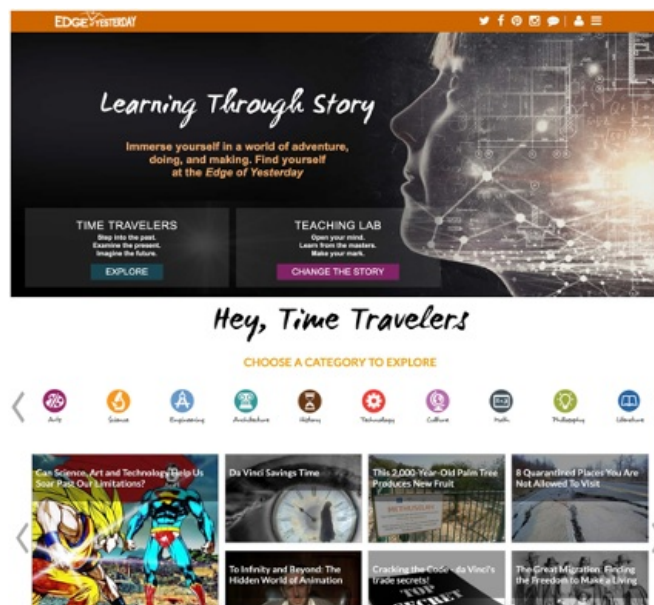
**Engineering**  
Sangita Subramanian



**Technology**  
Nickoria Johnson



**Math and Science**  
Robin Stevens Payes, Author



Visit [edgeofyesterday.com](http://edgeofyesterday.com)

Enter the Time Travelers portal

Read stories by EOY interns. Take the quiz

Ace as many quizzes as you dare!

Email screenshots of quiz results to [GIT@womenintechnology.org](mailto:GIT@womenintechnology.org)

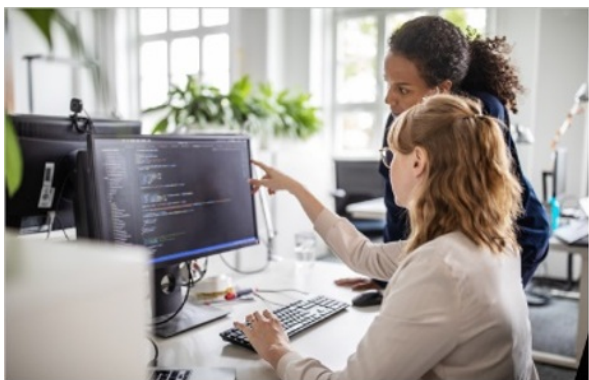
Collect a badge!

Follow us on [Instagram.com/EOYMedia](https://www.instagram.com/EOYMedia)

**Technology**  
Maryam Bhuttar



Maryam Moin Bhutto...



## Women and Code Wiz

<https://thecodewiz.com/arlington-ma>

SIGN UP FOR FUN AND EXCITING COURSES IN GAME-BASED CODING!

BEGIN OR ADVANCE YOUR SKILLS IN PYTHON, JAVA, UNITY AND MORE

DESIGN YOUR OWN ROBLOX GAMES AND MINECRAFT WORLDS

LEARN VIRTUAL ROBOTICS OR 3D MODELING

\*GIT PARTICIPANTS GET \$75 OFF YOUR FIRST MONTH

\*EMAIL [GIT@WOMENINTECHNOLOGY.ORG](mailto:GIT@WOMENINTECHNOLOGY.ORG)

Contact Manisha Morris, SOS Program Director, at [GIT.SOS@womenintechology.org](mailto:GIT.SOS@womenintechology.org) if you have questions or offerings for this program.

 **Join our GIT Email List for Upcoming Events**

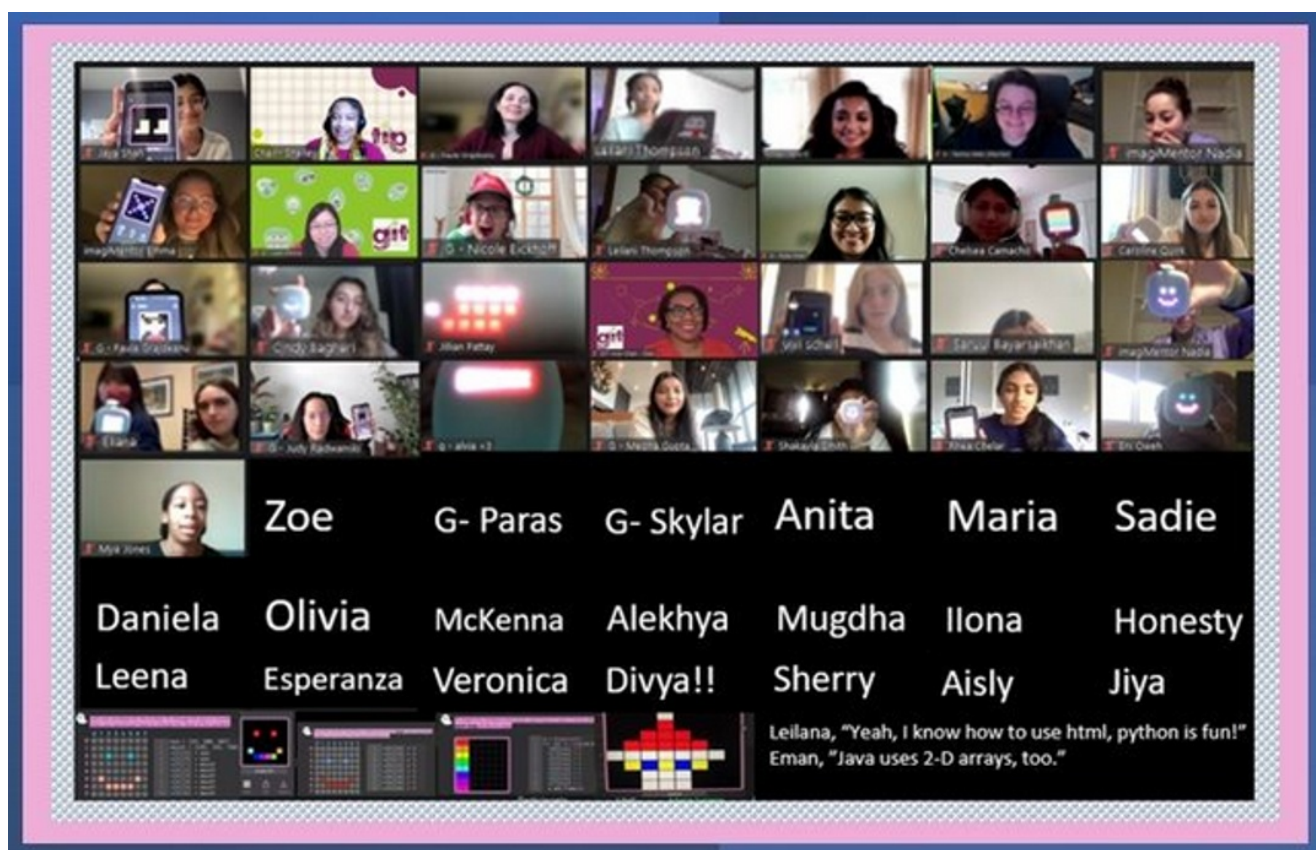
## GIT.CONNECT EVENTS

**March 5th** GIT.Connect + National Air & Space Museum “Living & Working in Space” show, Explainers Program, and more!

[Register for this Event Now!](#)



**December 11th's GIT.Connect + Python Programming using imagiCharms:** Eye spy the code challenge projects about wintertime!




Zoe    G- Paras    G- Skylar    Anita    Maria    Sadie

Daniela    Olivia    McKenna    Alekhya    Mugdha    Ilona    Honesty

Leena    Esperanza    Veronica    Divya!!    Sherry    Aisly    Jiya

Leilana, "Yeah, I know how to use html, python is fun!"  
Eman, "Java uses 2-D arrays, too."

Check out <https://imagilabs.com/pages/imagigirls>

Please email Stella Tomasi, PhD, GIT.Connect Program Director, at [GITConnect@womenintechnology.org](mailto:GITConnect@womenintechnology.org) if you have questions or offerings for this program.

## SCHOLARSHIPS & AWARDS PROGRAM

Scholarships & Awards opportunities will launch soon for our GITgirl Proteges and SOS Program Members!

Darshana Hammond, S&A Program Director, is looking forward to a high participation rate in this program!



## ALUMNAE PROGRAM

Through our new offering, former GIT Program participants can continue their STEM exploration and leadership development post high school!

Register for WIT's Mapping Your Cyber Career on Thursday, March 17 at 10:00 AM - 11:00 AM EST



Register for the Cyber Event  
Here

## CYBERPATRIOTGIRLS (CPG) PROGRAM

Calling all educators, if your school is interested in standing up a **CyberPatriotGirls (CPG) team**, email Cyrena Jackson, CPG Program Director at [GIT.CPG@womenintechnology.org](mailto:GIT.CPG@womenintechnology.org) for information.



## LOOKING FOR STEM ACTIVITIES?

Check out the **National Informal STEM Education (NISE) Network**, <https://www.nisenet.org/>. This site offers a wide range of free STEM resources and activities.

The NISE Network generates, develops, implements, and collaborates on projects that strengthen and advance informal STEM learning in communities across the United States.

We achieve our impact through our partner organizations, which include science centers, children's museums, universities, and others. Network projects create **educational materials**, support **professional learning**, and build capacity through collaboration and networking.



## A LITTLE STEM TRIVIA

**Science:** How many hearts does an octopus have? (1, 2, 3, 4) Lightning is hotter than the sun. (TRUE, FALSE)

**Math:** How many sides of an Isosceles triangle are equal in length? (0, 2, 3)

**Technology:** Firefox, Opera, Chrome, Safari and Explorer are types of what? (Web Browsers, Internet Explorers, Software Packages, Home Pages)

**Engineering:** What kind of bridge is the Golden Gate Bridge in San Francisco?  
(Double-decker Bridge, Suspension Bridge)

## LISTENING TO OUR GIT GIRLS

### Coding, “I don't really know where to start?”

- <https://www.codesters.com/coding-platform/>
- <https://code.org/>
- <https://scratch.mit.edu/>
- Tableau free student's license has online learning tool
- Qlik Sense for data science offers a free 1-month license

*“Paths changing is not a sign of failure, but rather growth. Success is not linear, but your priority should always be following passions because success will follow.”*

- A. Ehrlich

*“Never give up when searching. Reaching out and networking is also important because you never know when a great opportunity may come up.”*

- H. McFadden

*“You don't have to stick to the initial path you set for yourself. Don't be afraid to reframe your mindset, try new things and recognize your strengths.”*

- K. Beetle

*“Your career should be one that makes you happy because this is a path that you will spend your life on, and who knows, it may lead to a career that doesn't exist yet.”*

- M. Wande

We have enjoyed the first half of our GIT Program year and are extremely excited about 2022!

**Shelley M. Brown-Philips, GIT Chair**

**Dee Nickerson, GIT Vice Chair**

[GIT@womenintechnology.org](mailto:GIT@womenintechnology.org)



Girls in Technology (GIT) is a Women in Technology (WIT) program designed to excite, inspire, create awareness and educate girls in grades 6 through 12 about the vast array of career opportunities in the fields of Science, Technology, Engineering and Math (STEM).



Visit the *STEM for Her* website to join their mailing list for receiving announcements on programs, scholarships, certificates, and events.

<https://www.stemforher.org/about-us/>.

Connect with GIT on Social Media

