



American Heart Association®
Heart Challenge™

STEM has HEART

STEM is geared to educate, inspire and create connections for young adults through an engaging STEM experience!

Together, we can ensure you have the opportunity to build a brighter, healthier tomorrow for all to enjoy.

Locally sponsored by

national**grid**





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About STEM Has Heart

As cardiovascular disease continues to be our No. 1 killer, ensuring more diversity at the forefront of developing science, technology, engineering and math (STEM) solutions has never been more imperative. **STEM is our future**, and as a science-based health non-profit, STEM is at the heart of who we are and what we do. STEM Has Heart is designed to provide young women and men insights into the possibilities and potential they possess to make a real impact on the world around them.

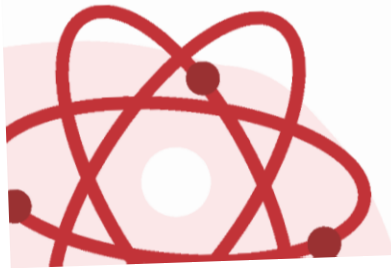
About the American Heart Association

The American Heart Association is a relentless force for a world of longer, healthier lives. We are dedicated to ensuring equitable health in all communities. Through collaboration with numerous organizations, and powered by millions of volunteers, we fund innovative research, advocate for the public's health and share lifesaving resources. The Dallas-based organization has been a leading source of health information for nearly a century.

The 2021 Program

We are working with local STEM leaders and students to provide connections and insight. STEM Has Heart will offer **year-long engagement opportunities along with resources for young women and men interested in STEM**. Here's what you can expect during the program:

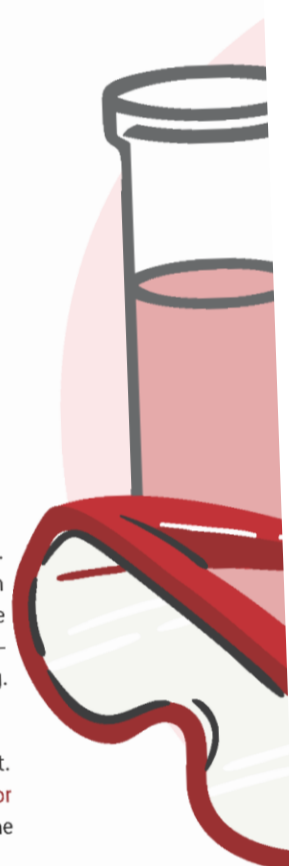
- Virtual research lab tour, featuring American Heart Association funded researchers
- STEM Speed Networking virtual event
- Additional virtual networking opportunities
- An in-person STEM summit in the fall, pending local, state, and CDC guidelines
- Regular newsletter providing STEM content and local STEM news



For questions about STEM Has Heart,
please email Kristin.Thompson@heart.org.

STEM Has Heart Sponsor

nationalgrid





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Opening Keynote



Interview with Melanie Littlejohn

[View Video File](#)

Sean Murray, AS, BMSE, MSME, MBA
Technical Project Manager
Luminar Technologies

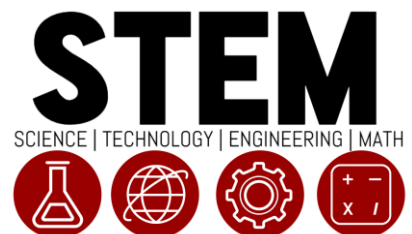
Closing Keynote



“Leadership Journey for Young Leaders”

[View Video File](#)

Gwen Webber-McLeod
Owner
Gwen, Inc.



SESSIONS

SCIENCE



"CNY Weather and How Meteorologists Predict It"

Kate Thornton
Storm Team Meteorologist
WSYR-TV NewsChannel 9

[View Video File](#)



"Mentor Moment with..."

Dr. Bertha Hidalgo

[View Video File](#)

[View Closed Caption Video File](#)

TECHNOLOGY



"More Than a DJ"

DJ Bella J
On The One

[View Video File](#)



"TCGplayer: How Technology Powers the Trading Card Game Marketplace"

Jeff Snyder
Software Engineering Manager
TCG Player

[View Video File](#)

ENGINEERING



"National Grid Gas System Overview"

Christie Curry
Lead Project Manager
National Grid

[View Video File](#)



"E is for Engineering"

Kelli McArdell, IE, PMP, M.ASCE
Project/Resident Engineer
C&S Companies

[View Video File](#)

MATH



"When Math and Fashion Collide"

Jordan Bass

[View Video File](#)



"The Math Behind an Image"

Lisa Rossi
Photographer

[View Video File](#)

MISSION MOMENTS/BRAIN BREAKS



CPR - <https://youtu.be/M4ACYp75mjU>



Healthy Eating - https://youtu.be/S6N_juqkVkE



Physical Activity - <https://youtu.be/smUxajG8UaM>



Binge Breaks - <https://youtu.be/CBOdYTmxmzY>;
<https://www.youtube.com/watch?v=-CsaUUn67Rw>;
<https://www.youtube.com/watch?v=zQP5bGaq5Qw>;



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**SYRACUSE HEART CHALLENGE
IS HAPPENING!
SAVE THE DATE!**

SUNDAY, APRIL 24, 2022

**FOR MORE INFORMATION VISIT
WWW.SYRACUSEHEARTWALK.ORG**



PHOTOS TAKEN BEFORE PANDEMIC