

**WOMEN[®]
ROCK
SCIENCE**

1 OCTOBER 2020

7:00 PM

VIRTUAL GALA

CRANBROOK INSTITUTE OF SCIENCE

INSPIRING EXPLORATION, RECOGNIZING ACHIEVEMENT

CRANBROOK
INSTITUTE OF
SCIENCE
Michigan's Museum of Natural History

A woman with curly hair, wearing a blue and white polka-dot top, is leaning over a desk, looking down at a young girl with long dark hair. The girl is wearing a dark top and holding a pen, looking intently at the woman. The background is a bright window with a white frame. The overall tone is educational and supportive.

DTE
Foundation

BRIGHT FUTURES AHEAD

At the DTE Foundation, we recognize the importance of education in positioning our future leaders to thrive. That's why we support Women Rock Science, which offers unparalleled opportunities to learn about STEAM careers and pathways that pave the way for bright futures for Michigan children.

OUR HONOREES



Outstanding Leader Award

Patti Poppe

President and CEO of CMS Energy and Consumers Energy



Outstanding Educator Award

Rahiel Housey-Johnson

Middle School Teacher,
Hamtramck Public Schools District



Rock Star Award

Dr. Cathy Olkin

Planetary Scientist at the Southwest Research Institute and Cranbrook Schools Kingswood alumna (1984)

EVENT EMCEE



Amy McClain

Vice President, Client & Community Relations
Director at PNC Bank



EMPOWERING MINDS. UNLOCKING POTENTIAL

General Motors is proud to support Cranbrook Institute of Science. We applaud your efforts to encourage and expand science education for women and other underrepresented groups.

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ABOUT WOMEN ROCK SCIENCE

Inspiring Exploration, Recognition Achievement

Women Rock Science is an interactive experience to raise funds in support of Cranbrook Institute of Science’s “Service to Others” initiatives, and to celebrate those who are champions of Science, Technology, Engineering, Arts, and Math (STEAM).

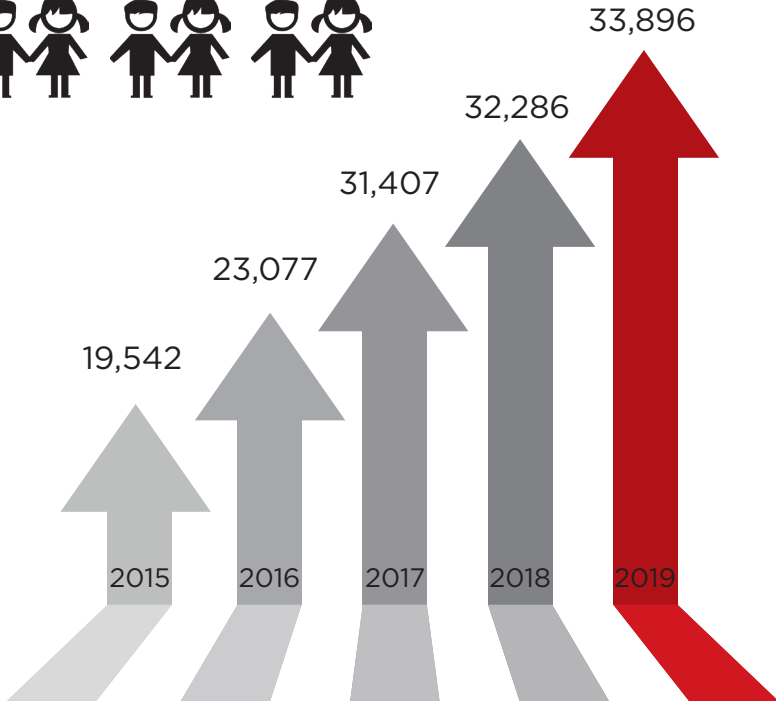
Currently, nearly 34,000 PreK-12 students from Detroit, Southfield, Pontiac, Flint, Hamtramck, and more benefit from STEAM outreach programs delivered by Cranbrook Institute of Science educators. The goal of Women Rock Science is to raise funds in support of these initiatives, and to celebrate inspirational leaders in STEAM.

BY THE NUMBERS

140,208

TOTAL STUDENTS SERVED

OVER THE PAST 5 YEARS



**Thanks for
putting your
heart into
shaping minds,
every day.**

The impact of your work is most evident in the lives you touch. Thank you for helping them make the most of their talents, every day.

Contact Amy McClain

VP, Client & Community Relations
amy.mcclain@pnc.com

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Equal Parts:

- Fresh Squeezed Lemonade
- Strawberry Puree
- Vodka

Garnished with:

- Lemon Wheel
- Pop Rock Rim

*For a mocktail option, omit the Vodka for a Strawberry Lemonade

SCIENCE ACTIVITY

Follow along during the virtual gala or try this later.
Either way, be sure to wear goggles!

MORTAR AND PESTLE EXPERIMENT

Materials Needed:

- Pop Rocks
- Paper plate/bowl or mortar
- Tart tamper, cocktail muddler, or pestle
- Goggles

Instructions:

1. Put on goggles.
2. Open one bag of Pop Rocks and pour onto plate/bowl.
3. Use your tart tamper, cocktail muddler, or pestle to gently smash the Pop Rocks.
4. Take note of what you hear as you smash the Pop Rocks.

BALLOON EXPERIMENT

Materials Needed:

- Pop Rocks (one full bag)
- Tube
- Mini balloon
- Goggles

Instructions:

1. Put on goggles.
2. Open one bag of Pop Rocks and pour them into your tube.
3. Place the opening of your balloon on your tap's faucet and turn the water on slightly so the balloon gently fills with water. Fill the balloon just enough so it fills up, but the balloon is not expanding.
4. Gently remove from faucet and carefully stretch the balloon opening over the top of your tube.
5. Make sure the balloon is securely fastened, and the water does not go into the tube before you are ready.
6. Once ready, flip the balloon over so the water falls into the tube and interacts with the Pop Rocks.
7. Gently shake the tube to make sure all ingredients are interacting.
8. Sit back and observe! What is happening? What do you hear? What is the balloon doing as the Pop Rocks and water mix together?



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ABOUT

CRANBROOK INSTITUTE OF SCIENCE

Cranbrook Institute of Science is part of the internationally significant Cranbrook Educational Community, which is more than 100 years old. Founded by philanthropists George and Ellen Booth in 1934, the Institute of Science is a dynamic museum of natural history that connects the diverse public to the natural and cultural worlds around us in ways that excite, empower and educate. Cranbrook Institute of Science currently hosts 170,000 guests annually and connects with another 40,000 throughout the region via well-developed and highly regarded outreach programs. The Institute boasts a collection of more than 250,000 objects and specimens from around the world.

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Contact

Katja Thomakos, CFRE
Director of Development
Cranbrook Institute of Science
248-645-3220
kthomakos@cranbrook.edu
39221 Woodward Avenue
Bloomfield Hills, MI 48303

Learn more at science.cranbrook.edu

Women Rock Science Virtual Gala Production by:



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