

Brookhaven National Laboratory Patch Program Requirements *SENIOR & AMBASSADOR*



By completing this patch, you'll be one step closer to a STEM career!

LEARN

More than ever, women are choosing careers in science, math, engineering, and technology (STEM). Learning about career possibilities and opportunities early on can help girls to realize that their options are endless! Complete both of activities below to find out more!

1. **Inspiration Station!** Select one or more of the [Science Thursdays](#) videos to learn more about potential career paths in STEM. A few selections below highlight the work of women in science and engineering. How do you feel when you hear their stories? Do they inspire you to consider a STEM career?
 - Hear Vanessa Sanders and Jasmine Hatcher talk about [Radioisotope Development and Applications](#)
 - Kayla Hernandez speaks about her career path to becoming an [Engineer](#).
 - Do you have an interest in political science? A career in [Nuclear Security](#) might be for you.
 - Ashley Head discusses how scientists make and study materials structured at the nanoscale in this [Surface Science](#) video
2. **Get Hands On!** Now that we have our inspiration, let's find out more about the possibilities of your own STEM future! Research STEM internships or programs in your area. Do any interest you? If possible, try one of the opportunities you have learned about.

EXPLORE

You have seen women in STEM careers and checked out some opportunities on your own. Choose one of the activities below to experience STEM first-hand or speak directly with those who have chosen a STEM career.

1. **Visit Brookhaven National Lab.** Visit the world-class facilities at Brookhaven National Lab for some free family fun at [Summer Sundays](#)! Brookhaven hosts a variety of exciting in-person and virtual school field trips, summer programs, and contests! Visit the [Office of Educational Programs website](#) to learn more.

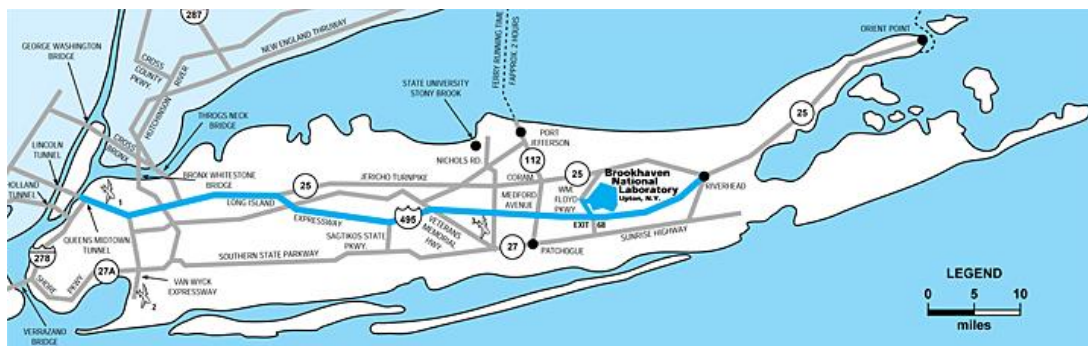
2. **BNL Supports Women!** Visit the [Brookhaven Women in Science \(BWIS\)](#) webpage. What is BWIS all about? Why is it important? How has this organization impacted the Brookhaven Lab community?
3. **Get the Word from other Women!** Interview a woman scientist, engineer, professor, or college student majoring in science or engineering. What led them on this path? What were their successes? What were their struggles? Who supported them on their journey?

SHARE

Sharing the wealth! Using the ideas and information you have learned, lead a STEM activity or event for a younger troop. Show other Girl Scouts strong women in STEM!

About Brookhaven National Laboratory

We're a U.S. Department of Energy (DOE) Lab that delivers discovery science and transformative technology to power and secure the Nation's future. Primarily supported by the DOE Office of Science, Brookhaven Lab is a multidisciplinary laboratory with seven Nobel Prize-winning discoveries, 37 R&D 100 Awards, and more than 70 years of pioneering research.



Thirsty for more? Check out these links to learn about Brookhaven National Lab's history, awards, and more!

[This is Brookhaven Lab](#) video

Brookhaven research has been honored by [seven Nobel Prizes](#), National Medals of Science, Enrico Fermi Awards, Wolf Foundation Prizes, dozens of R&D 100 awards, and many other recognitions. Learn more about Brookhaven's awards.

Learn more about the Lab's past, present, and future by visiting our [75th Anniversary site](#).