



Summer Physics Camp for Young Women in NM and Hawaii

June 10-21, 2024

9:00 a.m.- 4:30 p.m.

New Mexico School for the Arts
Santa Fe, New Mexico

The 8th annual Summer Physics Camp for Young Women offers a unique opportunity for young students to explore careers in science, technology, engineering and math (STEM) with STEM professionals, including women scientists and researchers from Los Alamos National Laboratory and Sandia National Laboratories.

This **FREE two-week camp** will explore topics related to [energy and energy security](#) (reliable, affordable access to all fuels and energy sources) and offers students a chance to boost their understanding of how STEM improves the world through hands-on activities, demonstrations, tours, talks and a multiday hands-on engineering project.

Students will learn the principles of physics, engineering, bioengineering, chemistry, computer programming and cybersecurity, and will apply their knowledge in a range of exciting hands-on multi-day projects. They will also explore different energy sources, including solar, wind, geothermal and nuclear power, to better understand the challenges faced by our modern society.

Participants will also learn a broad range of professional skills including: how to write a resumé, how to apply and interview for a job, and what opportunities are available at our local colleges and at Department of Energy National Laboratories like [Sandia National Laboratories](#) and [Los Alamos National Laboratory](#).

Eligibility:

- Students living in NM, NM tribal communities or East Hawaii Island
- Completed Algebra I or a higher-level math course
- Able to commit to two-week full participation

If you are curious, love learning, and enjoy a challenge, we would love for you to apply! Acceptance to the camp is NOT based on grade point average. The goal of this program is to engage those who are underrepresented in STEM (e.g. women). **ALL** students are invited to apply. A limited number of **FREE residential spots** will be available to selected students living more than 60 miles away from Santa Fe and unable to commute to the camp each day.



There is **no cost to attend** and lunch and snacks will be provided. Participants who complete the program will be offered a stipend and opportunity to join the national [SAGE Journey program](#), which aims to broaden gender diversity in STEM and foster creativity and innovation for continued scientific and technological leadership.



Summer Physics Camp

Application deadline: COB Monday, April 1, 2024

- Complete the [on-line application](#) (including a short essay about yourself, your interests and why you think the camp will be useful to you).
- Ask a teacher/counselor to email to spcyw-nm@lanl.gov a reference letter explaining why they think this camp will benefit you
- Obtain copies of your school transcripts confirming you have Algebra 1 and email to spcyw-nm@lanl.gov

For more information visit: <https://newmexicoconsortium.org/summer-physics-camp-for-young-women/>

Questions: spcyw-nm@lanl.gov

