



2020 Summer Physics Camp for Young Women

Northern New Mexico

June 8-19, 2020

Pojoaque Valley High School
Pojoaque, NM

What?

The two-week long Summer Physics Camp for Young Women in Northern New Mexico offers a unique opportunity to explore what careers in Science, Technology, Engineering and Math (STEM) are all about. The camp will focus on boosting your understanding of how STEM is allowing us to accomplish what was unimaginable just a few years ago: explore Mars, understand the Big Bang, decipher how DNA folds and unfolds, understand fire, predict the flu and meteorite impacts.

The camp will also teach how to write a resume, apply and interview for a job, and how to build your own computer (one more powerful than the one that took man to the moon) and learn the basics of computer programming. The camp will introduce students to internships at LANL and to opportunities at local New Mexico Colleges.

Daily activities will include demonstrations, hands-on laboratory experiments and presentations and discussions with female scientists and engineers from Los Alamos National Laboratory.

One full day will be dedicated to a unique visit to Los Alamos National Laboratory research facilities, which may include the Los Alamos Neutron Science Center, the National High Magnetic Field Laboratory, the Center for Integrated Nanotechnologies, and the New Mexico Consortium Biolab.

When? June 8-19, 2020 Monday – Friday, from 9 a.m. – 3:30 p.m.

Where? Pojoaque Valley High School

Benefits? This summer camp is FREE to students and lunch will be provided. Participants who complete the program will be provided a stipend. Transportation from NM Park and Ride depot in Pojoaque (Cities of Gold parking area) can be arranged.

Eligibility Requirements:

- Young women attending Northern New Mexico schools
- Completion of Algebra I or higher-level math course is needed

Application deadline April 1, 2020:

The following documents should be sent to: lanl-physics-camp@lanl.gov

- 1) Letter expressing why you are interested in this program: why do you believe this program will be useful to YOU? What are your current career interests?
- 2) Letter from one of your teachers or counselors supporting your participation.
- 3) School transcript or equivalent that shows you have completed Algebra I or higher-level math course.

Questions? Contact: Josefina Salazar, 505-665-0987 or email: lanl-physics-camp@lanl.gov
www.lanl.gov/careers/career-options/student-internships/high-school/womens-summer-physics-camp.php

Interested in becoming a sponsor? Donations can be sent to: New Mexico Consortium Inc., 4200 West Jemez Rd., Suite 301, Los Alamos, NM 87544. Attention: Thea Vernon-SPCYW. Donations are tax deductible.