The 5th edition of the Summer Physics Camp for Young Women in Northern and Central New Mexico offers a unique opportunity to explore what careers in science, technology, engineering and math (STEM) are all about. Held virtually this year, the camp will focus on boosting your understanding of how STEM allows us to accomplish what was unimaginable just a few years ago: explore Mars, understanding the origins of the universe during the Big Bang, decipher how the building blocks of life fold and unfold, COVID-19 behavior and vaccines, and programming and building robots just for fun!

Camp students will also learn how to write a resume, how to apply and interview for a job, the basics of computer programming, and how to build and program your own computer (one more powerful than the one that took astronauts to the moon) and use it to control a project you will build. The camp will also introduce students to New Mexico’s opportunities like internships at Los Alamos National Laboratory (LANL), Sandia National Laboratory (SNL) and at local New Mexico colleges.

Daily activities will include demonstrations, hands-on experiments, engineering and programming and robotics projects, presentations, professional development activities and, discussions with female scientists and engineers from LANL. Virtual visits are planned to research facilities like Los Alamos National Laboratory (NM), Sandia National Laboratories (NM) and Oak Ridge National Laboratory (TN).

Eligibility Requirements:
- Young women attending Northern and Central New Mexico schools
- Completion of Algebra I or higher-level math course is needed
  • Note: Acceptance is NOT based on grades or GPA

How to Apply: The following steps need to be followed:

1. Fill out the application at https://forms.gle/jQtkPaoOF3pkHuPq8?_imcp=1. You will be asked to write a short essay: Who are you? Why are you interested in this camp? How do you believe this program will be useful to you? What are your current interests? What do you think you would like to do as a career in the future (if you know it)?

2. Ask a teacher/counselor to send a reference letter to spcyw-nm@lanl.gov explaining why they think this camp will benefit you.

3. Email school transcripts showing completion of Algebra I level of math to spcyw-nm@lanl.gov

Application Deadline: Friday April 9, 2021

Questions:
<table>
<thead>
<tr>
<th>Email</th>
<th><a href="mailto:spcyw-nm@lanl.gov">spcyw-nm@lanl.gov</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact:</td>
<td>Josefina Salazar, 505-695-4030</td>
</tr>
<tr>
<td>Website:</td>
<td><a href="https://www.lanl.gov/careers/career-options/student-internships/high-school/womens-summer-physics-camp.php">https://www.lanl.gov/careers/career-options/student-internships/high-school/womens-summer-physics-camp.php</a></td>
</tr>
</tbody>
</table>

Interested in becoming a sponsor?
*Donations are tax deductible

New Mexico Consortium Inc.
Attention: Teri Thomas-SPCYW
4200 West Jemez Rd., Suite 301
Los Alamos, NM 87544

*Donations can be sent to: