

# High School Internship Program

Fall 2026 Projects

### Introduction:

Thank you for your interest in a high school internship at Los Alamos National Laboratory (LANL). LANL's internship programs are mentor-driven. This project description book provides a list of all project options to begin a High School Internship in Spring 2026.

Applicants should read through the project descriptions to find up to three projects that seem like a good fit for their skills and interests, then specify those projects on the internal application found on the [Student Programs Office \(SPO\) High School webpage](#). External websites are linked (if available) and are a great resource for you to learn about the work done in these areas.

#### *Application Period:*

- Opens: August 12, 2026
- Closes: September 18, 2026

#### *Eligibility Requirements:*

- Senior status at the time of internship
- 16 years of age
- 2.75 GPA
- Attend a New Mexico High School
- Pass a new employment drug test

#### *Required Materials:*

- Current Transcript
- Resume
- Personal Statement
- Letter of Recommendation(s) (optional)

For more information about the high school internship program, application guidance and FAQs, please visit the [SPO High School webpage](#).

If you have any questions, feel free to email SPO at [studentprograms@lanl.gov](mailto:studentprograms@lanl.gov).

### ENVIRONMENTAL STEWARDSHIP (EPC-ES)

#### *Mentor:*

Philip Michael Moss, [moss@lanl.gov](mailto:moss@lanl.gov)

#### *Project Description:*

Project: Data Analysis for Environmental Management

As an intern, you will work alongside an Environmental Professional to analyze data associated with the Laboratory's impact on the environment. No prior experience with data analysis is required—we will teach you the skills you need.

#### What You Will Do:

- Learn how employees collect and organize environmental data (specifically waste disposition and carbon emissions data from employee travel).
- Develop basic skills in Excel and Python to analyze and visualize data using real-world data.
- Attend weekly team meetings and share project updates.
- Help prepare a final presentation highlighting your work and discoveries.

#### Skills You Will Gain:

- Data analysis and visualization
- Introduction to Excel and Python, two practical tools for data analysis
- Professional communication and teamwork
- Presentation and public speaking skills

#### Why This Project Is Exciting:

- You'll work with real data, learn how to use practical data analysis tools, and contribute to a project that helps employees better understand the Laboratory's impact on the environment. By the end of the internship, you'll have a completed project to showcase on college, scholarship, and future internship applications.

#### *Length of Internship:*

2-months (October and November)

#### *Internship Location:*

Hybrid or Remote

#### *Expected Start Date:*

10/15/2026

#### *Internship Period:*

Fall only

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### *Age Requirement:*

16 years old

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## ENVIRONMENTAL COMPLIANCE PROGRAMS (EPC-CP)

### *Mentor:*

Aaron Dailey, [adailey@lanl.gov](mailto:adailey@lanl.gov)

### *Project Description:*

Project: Supporting Environmental Compliance Operations

As an intern, you will work alongside Environmental Protection & Compliance - Compliance Programs (EPC-CP) environmental professionals and support staff to learn how administrative and operational support keeps environmental programs running efficiently. No prior experience is required; we will provide the training and guidance you need throughout the internship.

### *What You Will Do:*

- Organize electronic files and maintain environmental project documentation.
- Learn how environmental samples are tracked, documented, and managed.
- Assist with data entry, recordkeeping, and other administrative support tasks.
- Shadow environmental professionals to learn how field and office operations work together.
- Observe how environmental data is recorded and used to support regulatory compliance.
- Attend team meetings and learn how projects are planned, coordinated, and completed.
- Learn workplace safety practices and the importance of accurate environmental records.

### *Skills You Will Gain:*

- Introduction to environmental compliance and field monitoring
- Organization and records management
- Professional communication and teamwork
- Attention to detail and time management
- Problem-solving and critical thinking
- Workplace safety awareness

### *Why This Project Is Exciting:*

You'll gain hands-on experience working with environmental professionals and support staff while seeing firsthand how environmental monitoring helps protect natural resources and ensure regulatory compliance. This internship provides valuable exposure to real-world environmental projects and the many roles that contribute to environmental stewardship. By the end of the internship, you'll have practical experience and professional skills that will strengthen future college, scholarship, and career opportunities.

### *Length of Internship:*

4 months

### *Internship Location:*

Los Alamos National Laboratory

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Onsite or Hybrid

*Expected Start Date:*

8/31/2026

*Internship Period:*

Year-Round (Fall, Spring, and Summer)

*Age Requirement:*

16 years old

*Other Information:*

No previous experience in environmental science is required, just a willingness to learn, ask questions, and work as part of a team. This internship is designed to provide hands-on exposure to a professional work environment while helping you develop valuable workplace skills. Students should be comfortable using computers, communicating with team members, and occasionally participating in field activities while following all required safety procedures. Training and mentorship will be provided throughout the internship.

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## MSS CENTRAL EXECUTION (MSS-CE)

*Mentor:*

Ernesto Espinoza, [espnz@lanl.gov](mailto:espnz@lanl.gov)

*Project Description:*

Learning simple tasks, understanding how policies drive our work and gain exposure to how maintenance is performed at the Laboratory.

*Length of Internship:*

Continued

*Internship Location:*

Onsite

*Expected Start Date:*

August 2026

*Internship Period:*

Year-round (Fall, Spring, and Summer)

*Age Requirement:*

16 years old

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### *Other Information:*

The group that you would be working for conducts maintenance on all types of facility equipment throughout LANL. There is an opportunity to spend time out of the office and out in field observing maintenance activities.