



# Student Opportunities

## at Lawrence Livermore National Laboratory

LLNL offers **PAID** internships and sponsors fellowships for undergraduate and graduate students

UNDERGRADUATE AND GRADUATE



### Atmospheric, Earth, and Energy Science

**Internship:** Undergraduate and graduate students earn practical research experience by working with mentors on projects in geoscience and atmospheric science.

[pls.llnl.gov/aeed](https://pls.llnl.gov/aeed)



### Center for Global Security Research

**Internship:** Undergraduate and graduate students engage in practical research experience to support decision makers as they develop United States policy and strategies for national and international security

[cgsr.llnl.gov/research-internships](https://cgsr.llnl.gov/research-internships)



### High-Energy-Density Physics Summer

**Student Program:** Graduate and undergraduate students perform experimental, theoretical, and computational research in disciplines such as astrophysics, hydrodynamics, turbulence, plasma physics, inertial confinement physics, and radiation/particle transport.

[wci.llnl.gov/careers/students](https://wci.llnl.gov/careers/students)



### Computing Scholars Program:

The Computing Directorate offers undergraduate and graduate students the opportunity to gain research experience and work with mentors on projects in high-performance computing, data science, computer science, and information technology.

[computing.llnl.gov/careers/internships](https://computing.llnl.gov/careers/internships)



### Materials and Chemistry Institute Summer

**Program:** Undergraduate and graduate students spend 10–12 weeks gaining hands-on experience in materials synthesis, materials characterization, materials processing, analytical chemistry, actinide materials science, optical materials science, electrochemistry, materials chemistry, and physics.

[pls.llnl.gov/maci](https://pls.llnl.gov/maci)



### Data Science Summer Institute:

Graduate students and advanced undergraduate students pursuing degrees in machine learning, statistics, applied mathematics, computer science, or similar fields spend 12 weeks working with mentors on data science problems that matter to our nation.

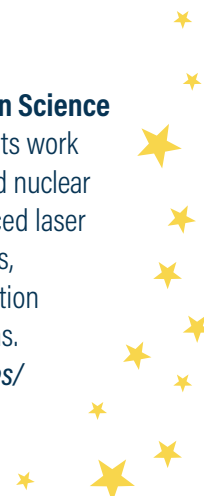
[data-science.llnl.gov/dssi](https://data-science.llnl.gov/dssi)



### National Ignition Facility and Photon Science Student Internship Program:

Students work alongside scientists at on-site laser and nuclear science facilities in the areas of advanced laser development, laser-plasma interactions, hydrodynamics, material science, radiation physics, and various diagnostic systems.

[lasers.llnl.gov/education/opportunities/student-internship](https://lasers.llnl.gov/education/opportunities/student-internship)

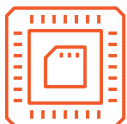




## Research experience that supports your educational and career goals!

For more student opportunities at LLNL, visit the "Additional Internships" page on our students website ([students.llnl.gov](http://students.llnl.gov)).

### UNDERGRADUATE



**HPC Cluster Engineer Academy:** Undergraduate interns spend nine weeks learning the basics of cluster engineering and system installation under the guidance of LLNL experts and gaining direct experience with running and maintaining high-performance computing systems. [computing.llnl.gov/hpc-cluster-engineer-academy](http://computing.llnl.gov/hpc-cluster-engineer-academy)



### GRADUATE



**Computational Chemistry and Materials Science Summer Institute:** Graduate students gain experience in the development and application of methods in computational materials science, computational chemistry, and other related areas of computational science. [pls.llnl.gov/ccms](http://pls.llnl.gov/ccms)



**Livermore Graduate Scholar Program:** Top Ph.D. students are granted appointments of up to four years to conduct research of interest to the Laboratory while completing their thesis. [lgsp.llnl.gov](http://lgsp.llnl.gov)



**Nuclear Forensics Summer Institute:** Graduate students work directly with leading LLNL researchers for eight weeks on projects in the areas of nuclear forensics, nuclear chemistry, and environmental radiochemistry. [seaborg.llnl.gov/career-opportunities](http://seaborg.llnl.gov/career-opportunities)



 **Lawrence Livermore  
National Laboratory**

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