**UNDERGRADUATE**

**HPC Cluster Engineer Academy:** HPC Cluster Engineer Academy is a 9-week paid internship that gives direct experience with running and maintaining high-performance computing (HPC) systems.
https://computation.llnl.gov/hpc-cluster-engineer-academy

**UNDERGRADUATE and GRADUATE**

**Computation Scholar Program:** Computation offers undergraduate and graduate students the opportunity to gain research experience and work with Laboratory Computer science mentors through our internship program.
https://computation-int.llnl.gov/directorate/workforce-career-development/scholar-program

**Data Science Summer Institute:** This program offers data science advanced undergraduate and graduate students the opportunity for a 12-week summer internship working on real problems that matter to the nation.
https://dssi.llnl.gov/

**WCI HEDP Summer program:** Opportunities for student interns to conduct research in the fields of nuclear physics, radiation transport, hydrodynamics, astrophysics, plasma dynamics, numerical methods and computer science.
https://wci-r.llnl.gov/news/summer_student.html

**NIF Student Internship Program:** Opportunities for undergraduate and graduate-level students to engage in cutting-edge scientific research in lasers, plasma physics, electro-optics, software development, and optical, x-ray, and nuclear instrument development and testing.
https://lasers.llnl.gov/education/opportunities/student-internship

**Center for Global Security Research Student Intern:** Engages undergraduate and graduate students in practical research experience to support United States policy and decision makers in developing strategies for national and international security.
https://cgsr.llnl.gov/research-internships

**Materials and Chemistry Institute (MaCI):** Engages graduate and undergraduate students in hands-on experience in materials synthesis, material characterization, materials processing, analytical chemistry, materials science and engineering, electrochemistry, materials, chemistry, and physics.
https://pls.llnl.gov/careers/internship-programs/maci

**GRADUATE**

**Seaborg Nuclear Forensics Summer Internship Program:** This 8-week summer program offers graduate students the opportunity to work directly with leading LLNL researchers on projects in the areas of nuclear forensics, nuclear chemistry, and environmental radiochemistry.
https://seaborg.llnl.gov/career-opportunities

**Computational Chemistry and Materials Science Graduate Intern:** Opportunities for graduate students to engage in practical research experience in the development and application of methods in computational materials science, computational chemistry, and other related areas of computational science.

**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. https://lgsp.llnl.gov/

**The Nondestructive Characterization Institute (NCI):** Faculty and graduate students can help NCI solve a wide range of multidisciplinary problems using X-ray & neutron computed tomography, ultrasonics, microwaves, eddy current, inverse problems, signal & image processing, machine learning, data science, modeling & simulations. Faculty & students have the opportunity to acquire & analyze data, and interact with experts. https://nci.llnl.gov
Externally Sponsored Student Programs

UNDERGRADUATE
Student Undergraduate Laboratory Internships (SULI): Encourages undergraduate students to pursue STEM careers by providing research experiences at DOE laboratories. https://science.energy.gov/wdts/suli/

Community College Internships (CCI): Encourages community college students to enter technical careers relevant to the DOE mission by providing technical training experiences at DOE laboratories. https://science.energy.gov/wdts/cci/

UNDERGRADUATE and GRADUATE
Minority Serving Institution Internship Program (MSIIP): Provides undergraduate or graduate students attending a participating Minority Serving Institution the opportunity to spend 10 weeks in summer working at an NNSA laboratory. https://www.energy.gov/nnsa/nnsa-minority-serving-institution-partnership-program


GRADUATE
DOE Scholars Program: Introduces students to DOE’s mission and operations. https://orise.orau.gov/doescholars/

DOE office of Science Graduate Student Researcher Program: Provides graduate thesis research opportunities at DOE laboratories in areas that address scientific challenges central to the Office of Science mission. https://science.energy.gov/wdts/scgsr/

DOE NNSA Stewardship Science Graduate Fellowship: Students planning to conduct research in a science or engineering discipline related to high-energy-density physics, nuclear science, or materials under extreme conditions and hydrodynamics are eligible for this fellowship. https://www.krellinst.org/ssgf/

DOE Computational Science Graduate Fellowship: Students participating in this fellowship employ high-performance computing for discovery in disparate disciplines. https://www.krellinst.org/csgf/

DOE NNSA Laboratory Residency Graduate Fellowship: Financial support is provided to talented individuals whose study and research is accompanied by extended, practical work experience at one or more of four DOE NNSA facilities. https://www.krellinst.org/lrgf/