

Summer Internship Opportunities with Lawrence Livermore National Laboratory

Lawrence Livermore National Laboratory is accepting summer 2022 internship applications from NSSC-affiliated students to join active projects in nuclear threat reduction, security and nonproliferation R&D. During an eight-week internship, students will work directly with an LLNL staff member and collaborate with teams of experts to implement research methodologies, support results analysis and reporting. Interns will also join activities offered under the LLNL Summer Experience Program that will provide insights into national security mission areas, offer facility tours, hands-on training and experimental opportunities. LLNL summer internships may be completed on-site, remotely, and in a hybrid format, and will be determined individually for each project. Certain internships may be extended to up to twelve weeks.

Applications are expected from NSSC fellows with interests in the following R&D topics:

- **Nuclear physics, science, and engineering**
- **Radiation detector science**
- **Nuclear material science**
- **Radiochemistry**
- **Nuclear chemical engineering**
- **Computational and optimization methods for nuclear applications**
- **Nuclear Security Policy**
- **Additive manufacturing**
- **Criticality Safety, Health Physics, Safety Analysis, ES&H**

NSSC students should contact their faculty advisor or the NSSC Program Manager to express interest in the program. Applications must include a Resume/CV with updated contact information (Email, Phone, Address), a brief cover letter detailing your research interests in one or more of the R&D topics mentioned above. Please send applications and inquires to [\[enter NSSC contact information here\]](#).

LLNL summer internships are available for NSSC fellows and affiliates pursuing undergraduate and graduate degrees in engineering, physics, computational sciences and policy majors.

Applications received before February 21, 2022 will receive priority consideration. Submissions received after this date will be reviewed on a recurring basis. All summer internship positions will be filled by March 10.

In addition, NSSC Scholars are also encouraged to explore the following LLNL Summer Internship Programs:

Organization	Deadline	Undergrad	Grad Student	US Citizen requirement?	Brief Description
Data Science Summer Institute	31-Jan-23	yes	yes	Foreign nationals ok	12-week program consisting 50/50 of formal instruction and hands-on mentored research project
Seaborg Institute on Nuclear Forensics	Info will be posted by Dec 1	yes	yes	Foreign nationals ok	Graduate and undergraduate program in nuclear security and forensics with a focus on transuranic chemistry and related fields

International Safeguards Fellowship	3-Mar-23	--	yes	US citizen	Program focused on nuclear safeguards
Cyber and Infrastructure Summer Institute	(rolling applications)	yes	yes	US citizen	Cybersecurity internship
Materials and Chemistry Institute	1-Feb-23	yes	yes	US residents (including foreign nationals)	Experimental materials science research, along with a lecture series, across a broad set of topics
Computational Chemistry and Materials Science	17-Jan-23	--	yes	US residents (including foreign nationals)	Computational materials science research, along with a lecture series, across a broad set of topics
Physics division	1-Jan-23	yes	yes	Foreign nationals ok	Generic physics-related internships across all education levels
Defense Science and Technology (WCI)	16-Jan-23	yes	yes	US person	Weapons and defense-related internship program
Computing Scholars	31-Jan-23	yes	yes	Foreign nationals ok	Computing Directorate generic internship program
Defense Technologies Engineering Undergraduate Summer Student Intern	(rolling applications)	yes	yes	Us citizen	Undergraduate summer internship program in defense technologies engineering division