



Applications Due  
**3.13.2024**

[www.krellinst.org/lrgf](http://www.krellinst.org/lrgf)

## FIELDS OF STUDY

### ENGINEERING AND APPLIED SCIENCES

pulsed power; particle accelerator physics and design; detectors, diagnostics, data analysis and data processing

**PHYSICS** atomic physics and opacity; nuclear astrophysics; laser-matter interactions

**MATERIALS** additive materials; dynamic materials; energetic materials physics and chemistry

### MATHEMATICS AND COMPUTATIONAL SCIENCE

multiscale, multiphysics theory and numerical simulation; PIC/fluid hybrid simulation

*NIF Senior Mechanical Technologist Drew Willard adjusts a pulse compressor, part of the optical parametric chirped pulse amplification laser system in Lawrence Livermore's Advanced Concepts Laboratory.*

DEPARTMENT OF ENERGY NATIONAL NUCLEAR SECURITY ADMINISTRATION

# LABORATORY RESIDENCY GRADUATE FELLOWSHIP

The Department of Energy National Nuclear Security Administration Laboratory Residency Graduate Fellowship (DOE NNSA LRGF) provides outstanding benefits and opportunities to U.S. citizens who are entering their second (or later) year of doctoral study to work at premier national laboratories while pursuing degrees in fields relevant to the stewardship of the nation's nuclear stockpile.

**LAB RESIDENCY** Fellowships include at least two 12-week research residencies at Lawrence Livermore National Laboratory, Los Alamos National Laboratory, Sandia National Laboratories, or the Nevada National Security Site. Fellows are encouraged to extend these residencies to carry out thesis research and other studies at the four DOE NNSA facilities.

## BENEFITS

- \$42,000 yearly stipend
- Payment of full tuition and required fees
- Yearly program review participation
- Annual professional development allowance
- Two or more 12-week-minimum national laboratory residencies
- Renewable up to four years



SCAN TO LEARN HOW TO APPLY

