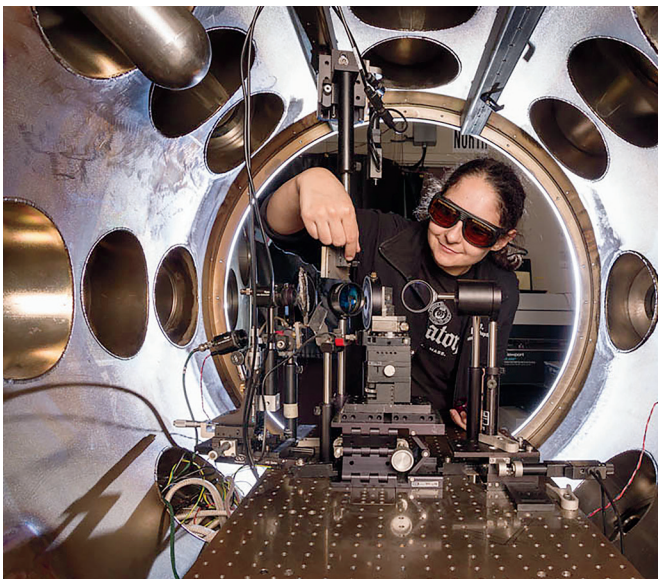




DEPARTMENT OF ENERGY NATIONAL NUCLEAR SECURITY ADMINISTRATION

# LABORATORY RESIDENCY GRADUATE FELLOWSHIP



**Top:** The rendering of the inside of NIF's target chamber shows the target positioner moving into place. Pulses from NIF's high-powered lasers race through the facility at the speed of light and arrive at the center of the target chamber within a few trillionths of a second of each other, aligned to the accuracy of the diameter of a human hair. Courtesy of Lawrence Livermore National Laboratory.

**Bottom:** Postdoc S. Ali adjusts a target in the Janus laser at Livermore's Jupiter Laser Facility.

**NEW FOR 2018**, 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 and pursuing degrees in:

- Pulsed power science and engineering
- Radiation magneto-hydrodynamics/nuclear astrophysics
- Atomic physics and visible UV/X-ray spectroscopy
- Dynamic materials/shock physics
- Accelerator design

## LAB RESIDENCY

Fellows will pursue research during two 12-week residencies at Lawrence Livermore National Laboratory, Los Alamos National Laboratory or Sandia National Laboratories, or at the Nevada National Security Site. Extended residencies, with the opportunity to carry out thesis research and studies at the four DOE NNSA facilities, are encouraged.

## BENEFITS

- \$36,000 annual 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 yearly

APPLICATIONS DUE  
**3.14.2018**

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

*This equal opportunity program is open to all qualified persons without regard to race, gender, religion, age, physical disability or national origin.*



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