

DEPARTMENT OF ENERGY
NATIONAL NUCLEAR SECURITY ADMINISTRATION

LABORATORY RESIDENCY GRADUATE FELLOWSHIP

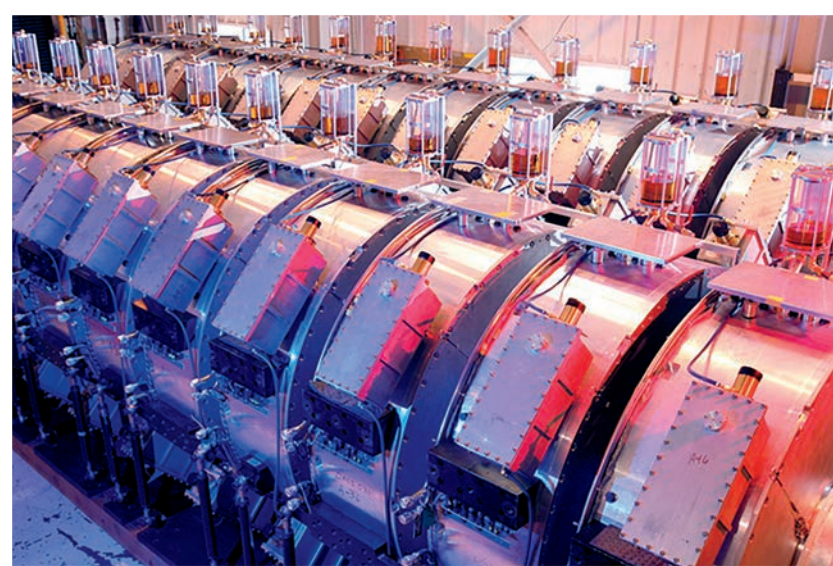
The Department of Energy National Nuclear Security Administration Laboratory Residency Graduate Fellowship (DOE NNSA LRGF) provides outstanding benefits and opportunities to U.S. citizens who are entering their second (or later) year of doctoral study to work at premier national laboratories while pursuing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

- \$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

www.krellinst.org/lrgf



Top: Thor pulsed-power accelerator at Sandia National Laboratories.

Bottom: Dual-Axis Radiographic Hydrodynamic Test (DARHT) facility at Los Alamos National Laboratory.

APPLICATIONS DUE 3.6.2019

FIELDS OF STUDY

APPLIED SCIENCE AND ENGINEERING

- Pulsed Power Technology >
- Particle Accelerators

ATOMIC PHYSICS

- Theory and Modeling > Experimental
- Visible/UV/X-Ray Spectroscopy

MULTI-SCALE, MULTI-PHYSICS THEORY, SIMULATIONS AND EXPERIMENTS

- Nuclear Astrophysics > Fluid Physics (including PIC-Fluid Hybrid Methods, Hydrodynamics, Instabilities and Shock Physics) > Laser-Plasma Interactions > Radiation Hydrodynamics and Radiation Magneto-Hydrodynamics > Dynamic Materials

READ FULL DESCRIPTIONS ONLINE.

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



U.S. DEPARTMENT OF
ENERGY

