

Continued from page 14

new offering: the Radioactive Waste Management Certificate Course.

Environmental concerns rooted in fears surrounding radioactive waste have been a major obstacle to the development of new nuclear projects worldwide. In the U.S., for example, more than 10 states have implemented laws to restrict new reactor construction until a spent fuel disposal plan is developed.

To address these concerns and place them within the full context of the radioactive waste management field, this course takes students through the following topics:

- Key metrics of radioactive waste across the fuel cycle.
- History of nuclear waste management.
- Waste classification systems.
- Waste storage, conditioning, transportation, and disposal technologies.

■ Performance assessments and safety for waste disposal.

■ Regulations surrounding hazardous waste management.

■ Recycling and its economic and environmental impacts.

The intended audience for this certificate ranges from undergraduate students with an interest in nuclear waste management to employers and professionals working in or adjacent to the field.

While the course aims to correct misconceptions around waste and provide a bedrock of information, it also represents ANS's continued dedication to developing a wide portfolio of certificate and certification opportunities across the sector. This focus closely aligns with the Society's broader goal to support the nuclear workforce pipeline by filling critical gaps in the industry. ☒

Ph.D. FELLOWSHIP OPPORTUNITIES



ELIGIBILITY: U.S. CITIZENS WHO ARE SENIOR UNDERGRADUATES OR STUDENTS IN THEIR FIRST OR SECOND YEAR OF DOCTORAL STUDY.



ELIGIBILITY: U.S. CITIZENS; FIRST-YEAR OR LATER DOCTORAL STUDENTS WITH 18+ MONTHS REMAINING IN PROGRAM AS OF 9/1/2026.

The Department of Energy National Nuclear Security Administration Stewardship Science Graduate Fellowship (**DOE NNSA SSGF**) provides outstanding benefits and opportunities to students pursuing degrees in stewardship science areas, such as **materials under extreme conditions, nuclear science or high energy density physics**.

The fellowship includes a 12-week research experience at Lawrence Livermore National Laboratory, Los Alamos National Laboratory or Sandia National Laboratories.

APPLICATIONS DUE 1.13.2026
www.krellinst.org/ssgf

The Department of Energy National Nuclear Security Administration Laboratory Residency Graduate Fellowship (**DOE NNSA LRGF**) provides outstanding benefits and opportunities to students pursuing doctoral degrees in fields relevant to the stewardship of the nation's nuclear stockpile.

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.

APPLICATIONS DUE 3.4.2026
www.krellinst.org/lrgf



U.S. DEPARTMENT
of ENERGY

