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.

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FIELD OF STUDY

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pulsed power; particle accelerator physics and design; detector and data processing; fluid mechanics

PHYSICS
atomic, nuclear and plasma physics; shock physics

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

MATHEMATICS AND COMPUTATIONAL SCIENCE
multiscale, multiphysics theory and numerical simulation; PIC/fluid hybrid simulation

BENEFITS
• $38,000 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
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