



National Nuclear Security Administration Graduate Fellowship Program

2021





Introduction

Today you will learn about an exciting career launchpad for highly motivated graduate students just like you!



Real-World Experience for a Career in National Security



Specialized Training, Career Development, and Networking



Collaboration with Professionals and Leading Researchers from around the Globe



What is NNSA?

APPLYING TECHNICAL CAPABILITIES TO NATIONAL SECURITY CHALLENGES

Science, Technology & Engineering

People & Infrastructure

Management & Operations

Nuclear Weapons



Maintaining the safety, security, and effectiveness of the nuclear deterrent.

Nuclear Threat Reduction



Preventing, countering, and responding to proliferation and terrorism threats.

Naval Reactors

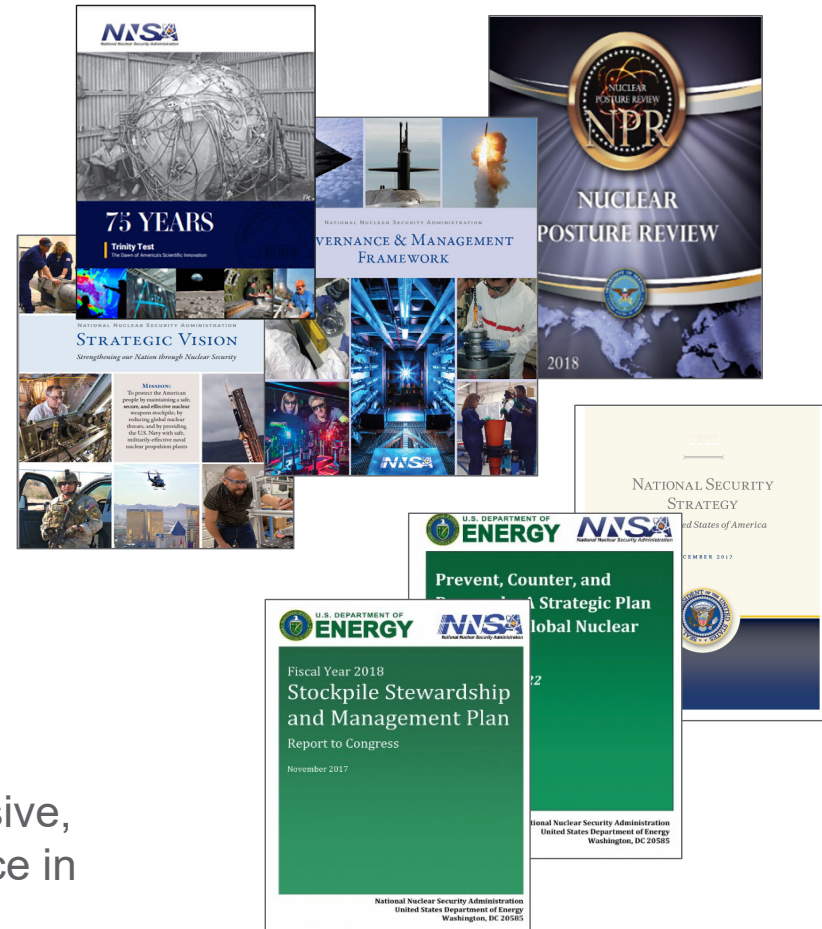


Providing operational support for naval nuclear propulsion plants.

NNSA Priorities

- Sustain the nuclear weapons stockpile
- Conduct leading-edge scientific research
- Prevent nuclear proliferation and counter nuclear terrorism
- Support the naval nuclear reactor program
- Repair and modernize aging infrastructure
- Develop the workforce
- Protect the safety and security of sites, employees, and the public

PNNL and NNSA are committed to building a diverse, inclusive, and equitable environment home to a highly skilled workforce in the fields of STEM, policy, and project management.



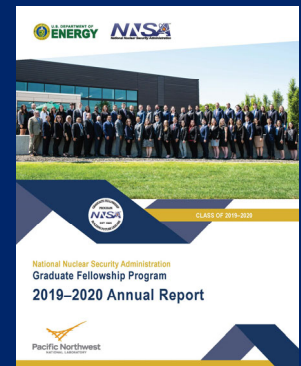


Commitment to Diversity

- National security is a complex mission with a need for diverse thought leadership.
- Through programs like NGFP, PNNL and NNSA are committed to building an inclusive, engaged, and highly skilled workforce in the fields of science, technology, engineering, mathematics, policy, and project management.

To learn more about how our fellows apply their technical and policy backgrounds to our diverse missions, see our annual report available on the website:

<http://www.pnnl.gov/projects/ngfp>





What is the NNSA Graduate Fellowship Program?

- The **NNSA Graduate Fellowship Program (NGFP)** is administered by Pacific Northwest National Laboratory (PNNL).
- NGFP identifies and develops the next generation of national security leaders to achieve the NNSA mission.
- Fellows are placed into 1-year assignments across the NNSA enterprise where they grow as future leaders for national security.
- Fellows are not federal employees; they are contractually employed by PNNL and work on-site at DOE/NNSA sites.

To learn more about NNSA's diverse missions and opportunities, visit nnsa.energy.gov



What missions or offices do fellows support?



Defense Programs

- To sustain a safe, secure and effective nuclear deterrent through the application of science, technology, engineering and manufacturing

Nuclear Nonproliferation

- To detect, secure, and dispose of dangerous nuclear and radiological material, and related weapons of mass destruction technology and expertise

Defense Nuclear Security

- To develop and implement security programs for NNSA including protection, control, and accountability of materials, and for the physical security of all facilities of the administration

Emergency Operations

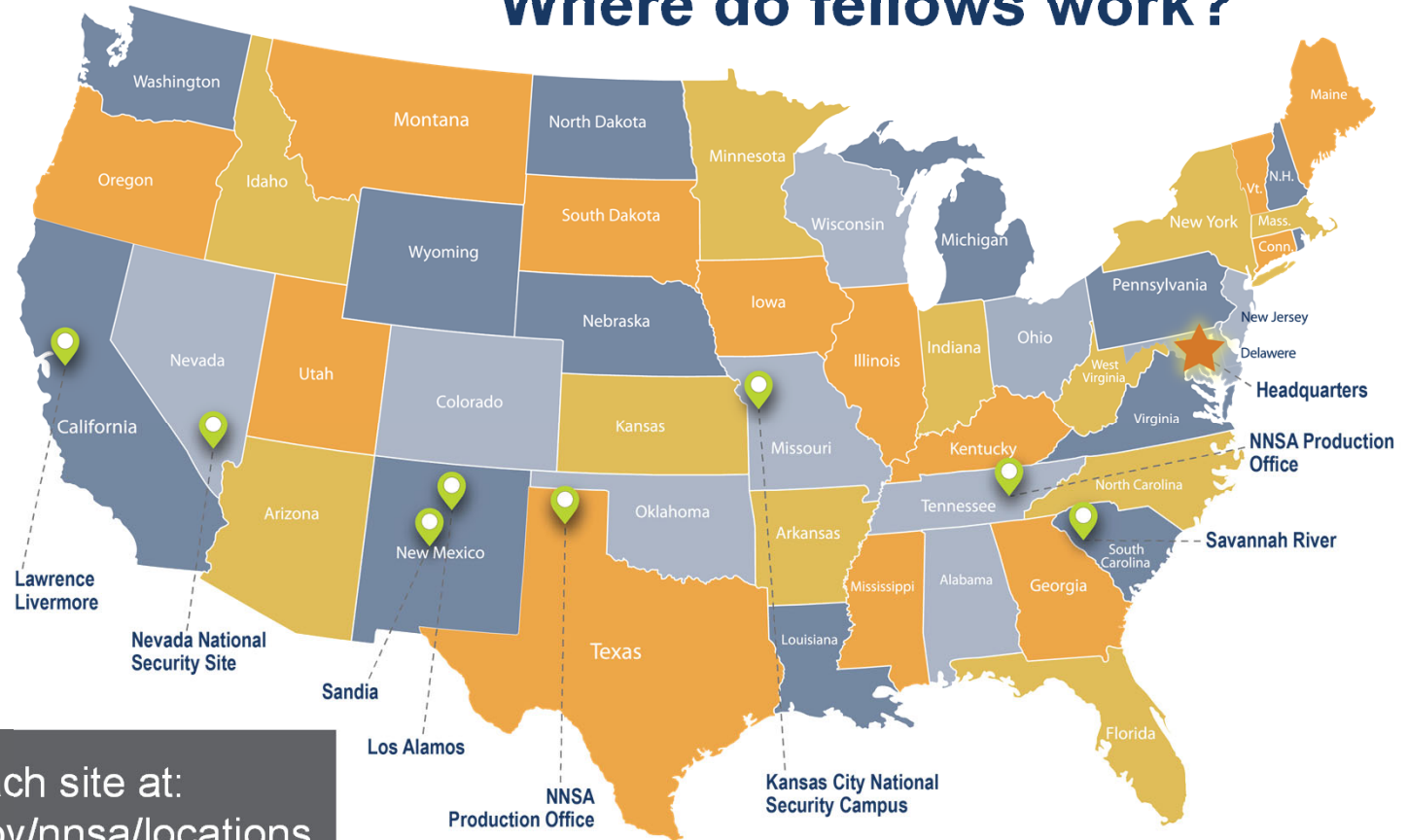
- To provide radiological and nuclear emergency response and to provide security to the nation from the threat of nuclear terrorism

Opportunities vary by year based on NNSA and other mission needs.



Fellows are assigned to an NNSA program or site office.

Where do fellows work?



Learn about each site at:
<https://www.energy.gov/nnsa/locations>





Opportunities

- Real-world experience to prepare for a career in national security
- Opportunities to make significant contributions to the nation
- Specialized training, leadership and career development, and networking
- Collaboration with professionals and leading researchers around the globe
- Participation in NNSA Aspiring Leadership Certification Program (ALCP)



Travel and Training



Leadership Briefings



Career Fairs



Recent Highlights

- Prepared senior leaders for participation in events around the world
- Coordinated deliverables and participation in the International Conference on Nuclear Security
- Toured national security sites and laboratories around the country



International Conference on Nuclear Security Conference, Vienna, Austria



International Medical Management of Radiological Injuries Course, Rome, Italy



Waste Isolation Pilot Plant, Carlsbad, New Mexico

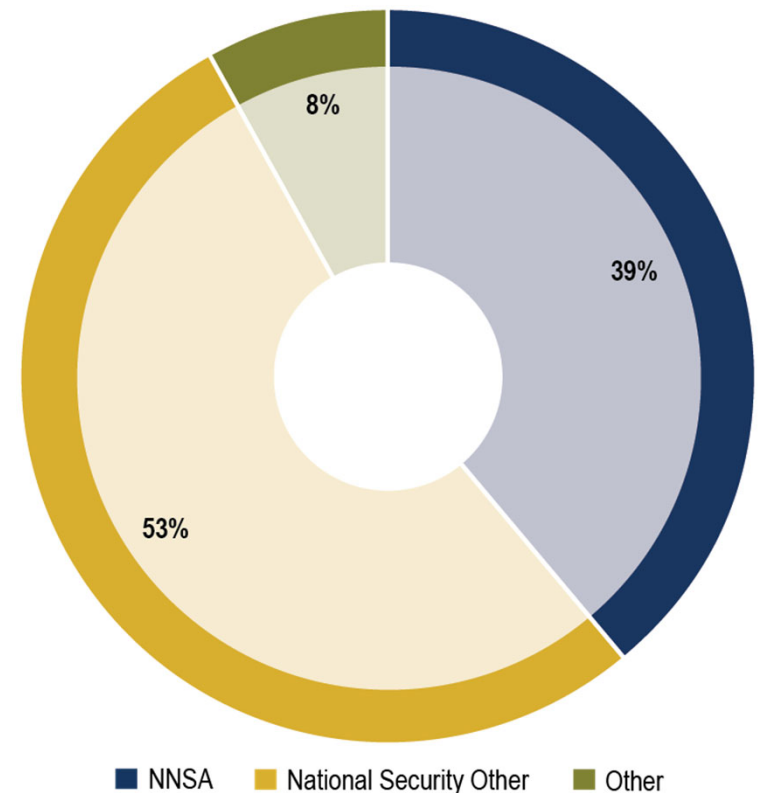


Remote Sensing Laboratory

Post-Fellowship Employment

- Majority of fellow secure employment with ties to national security
 - NGFP alumni - 85%
 - Class of 2019 - 91%
 - Federal offers from NNSA – 39%

Class of 2019-2020 Post-Fellow Employment



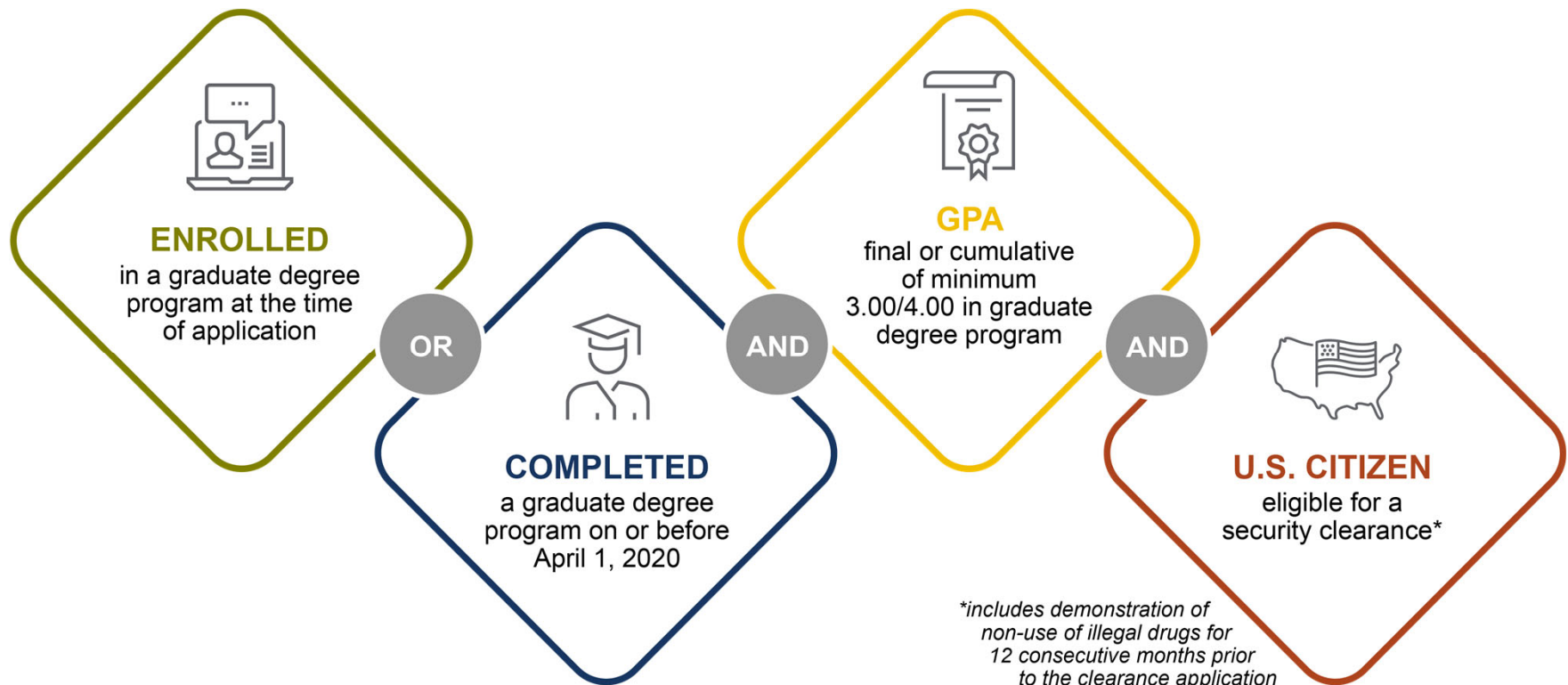
NGFP alumni are highly sought after within NNSA and broader national security enterprise.

Comprehensive Benefits Package



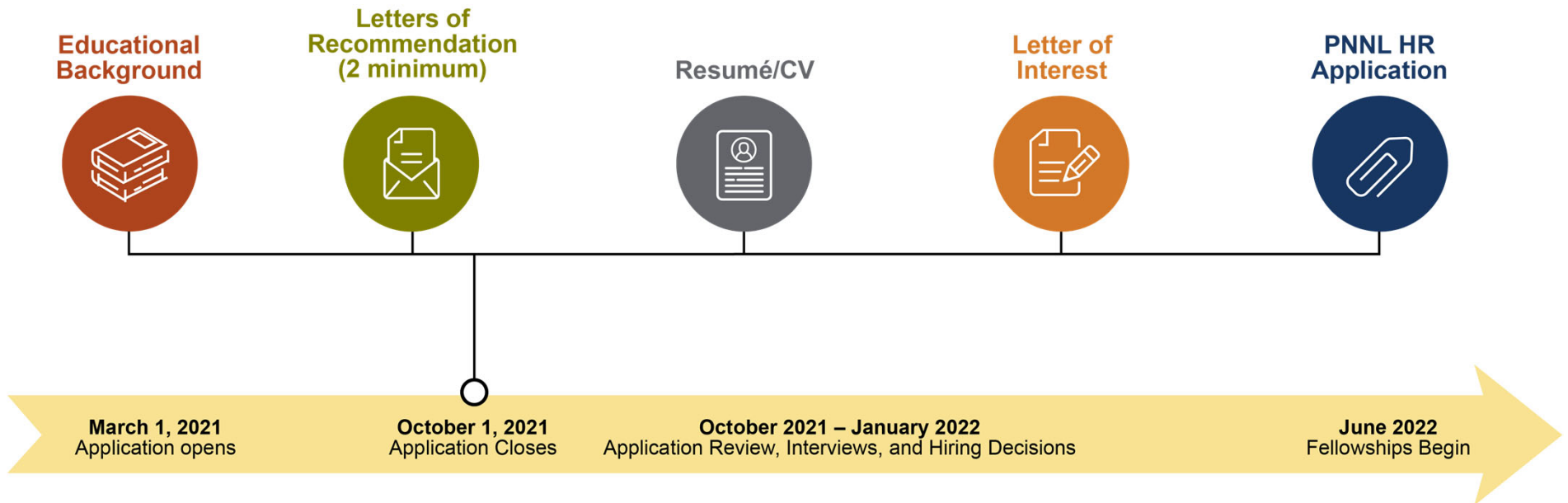


Eligibility Criteria





Application and Timeline

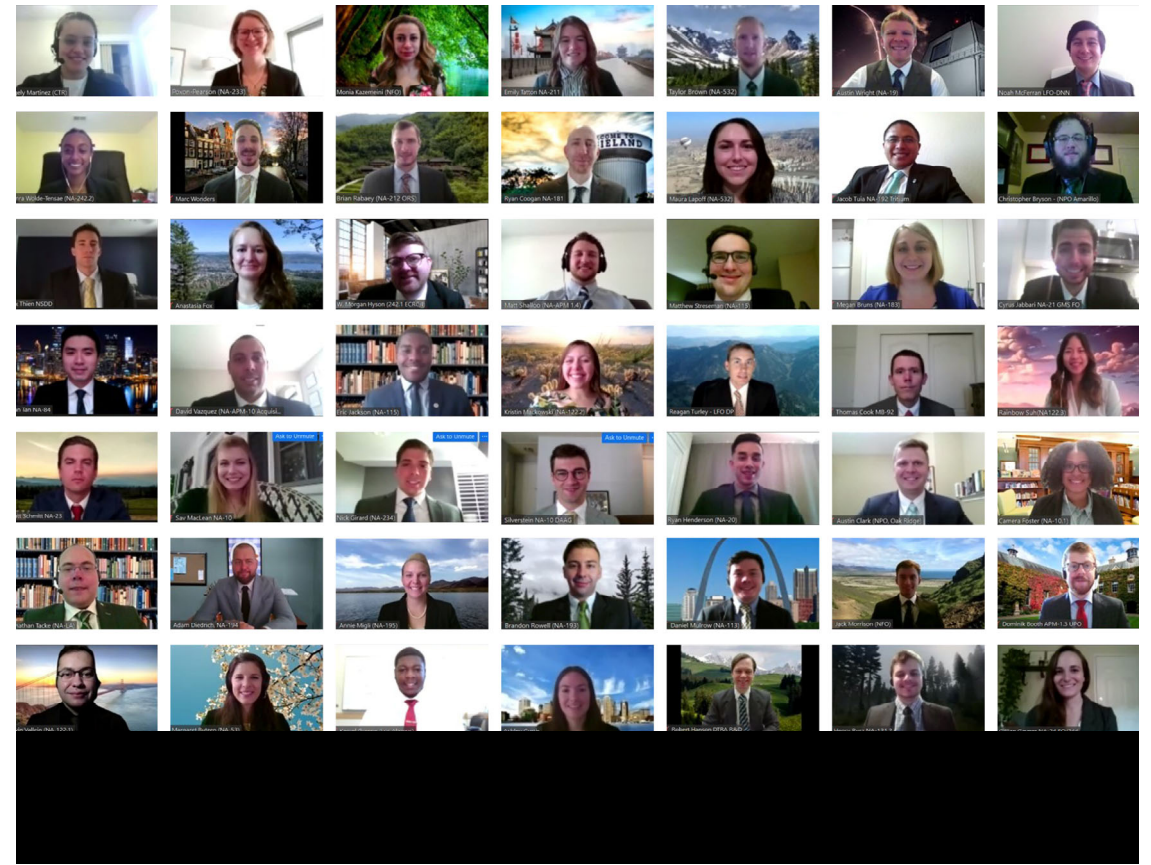


Deadline: October 1, 2021, 11:59 PM Pacific



Contact Us

- Email: ngfp@pnnl.gov
- Apply online at: pnnl.gov/apply-ngfp





**THANK
YOU**