nsip

NATIONAL SECURITY INTERNSHIP PROGRAM

The world is a rapidly changing place. Ideas once thought to be "science fiction" are becoming reality. As quickly as nations solve problems, new challenges emerge. In this atmosphere of momentous change, Pacific Northwest National Laboratory's National Security Internship Program is identifying and developing talented individuals for exciting assignments of the future.

The United States' growing emphasis in national security disciplines is creating outstanding career opportunities in fields that include:

- *Arms Control and Treaty Verification*
- *Cyber Security*
- *Global Security*
- *Homeland Security*
- *Critical Infrastructure Protection and*
- *Analysis Nuclear Stockpile Safeguards and*
- *Security Nuclear Technologies*
- *International Border Protection*

" The NSIP internship challenged me and pushed me toward producing results I never thought I was capable of."

— ***Kelly Fitzgerald, NSIP intern***

National Security Internship Program

About the Program

Internship and Post-Graduate candidates interested in the National Security Internship Program (NSIP) can apply to each of the following three tracks:

Signatures Science & Technology

The signatures Science and Technology track maintains world-class laboratory capabilities and staff working on research and development topics critical to the National Security Directorate's mission in detection and nonproliferation of weapons of mass destruction. Their work includes chemical, biological, radiological, nuclear and explosives measurement and materials characterization. Modeling, simulation and advanced statistical treatment of measurement data are common themes throughout the division's research areas. The groups in this track include:

- *Chemical and Biological Signature Science*
- *Applied Physics*
- *Radiation Detection and Nuclear Sciences*
- *Radiochemical Analysis*
- *Detection Systems*
- *Nuclear Engineering and Analysis*
- *Analytical Chemistry of Nuclear Materials*

Computational & Statistical Analysis

The Computational and Statistical Analytics track focuses on advancing computational and statistical foundations to deliver algorithms, information and scientific date management, visualization and analytics, data intensive information systems, distributed data processing pipelines and environments and secure computing infrastructure to enable next-generation heterogeneous computing for scientific discovery, situational awareness, decision support and predictive modeling. The groups in this track include:

- *Applied Statistics and Computational Modeling*
- *Data Science and Analytics*
- *Cyber Security*
- *Software Engineering and Architectures*
- *Visual Analytics*

Eligibility

All internship candidates must be currently enrolled/matriculated in an undergraduate or graduate degree program with a minimum cumulative GPA requirement depending on job posting. Post-Bachelor and Post-Master candidates must have completed their degree withing the last two years or within the next eight months. Post-Doctorate candidates must have completed their degree within the last five years or in the next eight months. Some applicants may need to obtain a security clearance, which requires US Citizenship.

Benefits

Internship Positions: All undergraduate and graduate internships will last at a minimum of 10 weeks. Intern candidates will be paid a highly-competitive hourly wage and will receive a travel reimbursement.

Post-Graduate Positions: All post-grad candidates will work a minimum of six months and receive a highly competitive monthly salary and full medical, dental and vision insurance. Relocation may be offered to those that are eligible.

Application

Log on to **science-ed.gov/nsip** to review the three NSIP tracks in greater detail and apply. You will need:

1) *Current Resume or CV*
2) *Unofficial Transcript for current and past degrees*
3) *300 word essay dependent on job requirements*

Pacific Northwest
NATIONAL LABORATORY

U.S. DEPARTMENT OF
ENERGY

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If you have questions, please contact:

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