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# **NNSA Graduate Fellowship Program Office Descriptions**

Class of 2026–2027

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The following is a list of organizations and offices participating in the National Nuclear Security Administration (NNSA) Graduate Fellowship Program (NGFP) for the Class of 2026–2027. Office descriptions and typical fellowship duties have been added based on feedback from former fellows and supervisors but are not available for all offices and may not reflect the most up-to-date information in some cases. Candidates are encouraged to find additional information independently, as well as clarify information and ask questions during their interviews.

## **(DOE-IN-15) Department of Energy (DOE) – Office of Intelligence and Counterintelligence, Energy Security Division**

*Location: Washington, DC (On-site)*

*Position Title: Intelligence Research Specialist*

The [DOE Office of Intelligence and Counterintelligence \(IN\)](#), Energy Security Division (ESD) informs senior government officials and the Intelligence Community (IC) about trends in global energy and climate issues. DOE-IN covers all issues related to energy security, examining the impact of economic shifts, geopolitics, and foreign policy objectives in foreign countries on global energy markets, energy investment trends, energy transition efforts, and the development of emerging technologies. DOE-IN regularly provides written assessments and delivers briefings to the Secretary of Energy, and others across DOE and the Intelligence Community.

Fellow duties include:

- Compiling notes based on research on specific issues as assigned by Fellow Supervisor and in support of ESD publications.
- Conducting individually paced research on topics assigned by Fellow's Supervisor.
- Conducting their own research, as Fellow gains familiarity with IC products, and publish their own analytic products.
- Assisting analysts with briefings and expanding their network across DOE/interagency.

## **(NA-1.1) Office of Enterprise Planning & Analysis**

*Location: Washington, DC (On-site)*

*Position Title: NGFP Fellow*

The Office of Enterprise Planning and Analysis (NA-1.1) advances NNSA's critical national security mission through high-impact planning, integration, and analysis on cross-cutting issues on behalf of the NNSA Administrator and senior leadership team. NA-1.1:

- 1) Drives effective and efficient planning to ensure strategic alignment and enterprise responsiveness to NNSA leadership priorities,
- 2) Leads high-impact integration and targeted analysis on cross-cutting and strategic issues to inform NNSA decision-making and avoid strategic surprise, and
- 3) Delivers unique enterprise capability to interagency and industry partners that advances NNSA core missions and U.S. national security objectives.

The Fellow will perform as an integral member of the NA-1.1 Office's Integration and Analysis (I&A) team. I&A is responsible for leading high-impact integration and targeted analysis on cross-cutting and strategic issues to inform decision-making, prevent strategic surprise, and deliver enterprise capability to mission partners. I&A helps NNSA to stay ahead of risks, including those posed by our adversaries that might hinder mission delivery.

Fellow duties include:

- Supporting senior staff in managing ongoing I&A projects and leading specific efforts to advance analytic and mission integration on strategic and cross-cutting nuclear issues.
- Producing written products on cross-cutting and strategic issues relevant to NNSA's mission.
- Drafting and editing remarks, memoranda, and briefing materials for NNSA senior leadership.
- Tracking tasks, managing workflows, and coordinating with NNSA stakeholders on behalf of I&A and, if needed, NA-1.1 leadership.
- Performing additional duties as deemed appropriate based on the fellow's interests, office needs, or both.

## **(NA-10) Office of Defense Programs – Deputy Administrator's Action Group**

*Location: Washington, DC (On-Site)*

*Position Title: Program Analyst*

The Deputy Administrator's Action Group (DAAG) provides executive-level support to the Defense Programs (DP) Front Office in maintaining the nation's nuclear defense posture without resuming underground nuclear testing. DP oversee nuclear weapons maintenance, refurbishment, and manufacturing to ensure stockpile safety, reliability, and effectiveness, as well as investment in scientific, engineering, and infrastructure capabilities.

DP has the primary responsibility of partnering with the [Department of War \(DOW\)](#) to provide a safe, secure, and effective stockpile for the nation's nuclear deterrent. The Fellow will learn all aspects of the DP mission by working with staff and assist Leadership, program staff, and Federal Program Managers in providing the planning, direction, and resources to ensure

continuing success. DAAG team members develop written materials to convey information on complex programs to a variety of audiences with diverse levels of understanding of the organization's programs and activities. The team must handle multiple tasks and complete projects under tight deadlines, including written responses to Congressional and press inquiries. The team works as liaisons between program offices within DP and the front office, as well other NNSA programs, the Administrator's office, the interagency (including DOW), the White House, Congress, industry, academia, and the public.

Fellow duties include:

- Assisting staff and leadership by reviewing and assessing reports, attending program reviews and stakeholder meetings, evaluating program concerns, and remediating any issues.
- Assisting the staff in developing and disseminating relevant and accurate messaging and supporting effective engagement with external stakeholders, including Congressional members, Congressional staff, the public, and media, in coordination with the Office of Defense Programs and NNSA External Affairs.
- Developing knowledge of Defense Programs mission and functions, as well as NNSA budget processes, to proactively develop messages that support NNSA programs and budgets.
- Supporting the DAAG in responding to actions, implementing communication and organizational processes, and preparing and reviewing documents, presentations, talking points, and speeches for the Deputy Administrator of Defense Programs.
- Developing targeted messages for internal communications within NNSA or externally for specific stakeholders and partners, including Congress, the interagency, and the public.
- Working with program offices and subject matter experts to review and develop materials supporting Defense Programs and NNSA leadership.
- Assisting the staff in developing, tracking, and submitting documents and correspondence, including Congressionally required reports, action memoranda, and other reports, in a timely manner.

## **(NA-10.2) Office of International Programs**

*Location: Washington, DC (On-Site)*

*Position Title: Program Analyst*

The Office of International Programs (NA-10.2) has primary responsibility for oversight of mutually beneficial collaborations among the Department of Energy (DOE), NNSA, DOW, national laboratories, and key stakeholders in the international community to ensure a safe, secure, effective, and reliable stockpile. This office is assigned delegated authority to facilitate

and implement strategic exchanges with international partners to ensure these activities provide added value and promote risk reduction in key Office of Defense Programs (NA-10) mission areas. NA-10.2 is the single point of contact within NA-10 for international policy activities and manages export controls for NA-10 activities and equities across the NSE.

This position offers a fellow the unique opportunity to see how executive decisions are made by working side-by-side with the team in a dynamic area of the NSE. In this role, the fellow will be exposed to all aspects of the NNSA and Defense Programs, as well as learn how individual program's work contributes to the overall strategy of DP and NNSA. DP is the largest mission within NNSA with the largest annual appropriation within both the agency and DOE.

Fellow duties include:

- Assisting in the management of exchanges and collaborations for U.S./UK MDA and other international cooperative efforts.
- Monitoring ongoing activity under Aegises and information exchange arrangements (IEAs) under the U.S./UK MDA, and to facilitate the exchange of classified nuclear weapons data and information under the U.S./UK MDA and associated policies and procedures.
- Assisting in the management of NA-10's export control approval of all defense-related articles and coordinate with other export control offices to implement consistent export policies across NNSA.
- Supporting the tasking and resolution of actions and issues, contacting officials at all levels, coordinating and evaluating findings, preparing reports, conclusions and making recommendations.
- Supporting the reinvigoration of the Complex Orientation Program, including updating and maintaining briefing materials and participating in regular dialog with host sites and MDA Action Officers.
- Assisting with organizing and executing senior-level management meetings and other governance arrangements to facilitate international cooperation.
- Reviewing existing processes and develop proposals for process improvements, (i.e., options for streamlining MDA reporting).

## **(NA-113) Office of Experimental Sciences**

**Location:** *Washington, DC (On-Site)*

**Position Description:** General Engineer

The Office of Experimental Science (OES) is comprised of a multitude of research and development subprograms that provide the knowledge and expertise needed to maintain confidence in the nuclear stockpile in the absence of nuclear explosive testing. The NA-113

ensures a resilient U.S. nuclear deterrence posture by delivering world-class data, facilities, and expertise required to undergird the effectiveness and responsiveness of the modern stockpile. The program provides the scientific underpinnings required to conduct annual assessments of weapon performance and certification of life extension programs (LEPs), and the insight necessary to understand the impacts of findings to ensure that the nuclear stockpile remains safe, secure, and effective.

Fellow will learn all aspects of the Defense Programs (DP) Science, Research, Technology, and Engineering mission by working with the OES Team and Federal Program Manager in assessing program execution, risk management, schedule evaluation, and technical oversight of OES Division programs in the NNSA nuclear weapons complex. This fellowship provides an in-depth understanding of DP oversight and policy execution and provides a fellow with insight into the DP mission, requirements validation, budget execution, M&O interface and Weapons Activities related travel to NNSA sites.

Fellow duties include:

- Supporting program experiments and data analyses to validate and understand the physics of nuclear weapons performance, and facilitating safety, security, and evaluations of sustainment concepts without the need for additional nuclear explosive testing.
- Supporting portfolio management within the office, including evaluating lab deliverables, and performing independent research.
- Partnering with the program engineers, program analysts, and program managers to oversee and evaluate program and project processes.
- Attending meetings supporting the office and placement-specific training to include Advanced Weapons Course (AWC), Survey of Weapons Development/Design, Sandia Military Liaison Course, NNSA Program Briefings/Seminars, DOE/NNSA Corporate Training.

## **(NA-113) Office of Experimental Sciences – Inertial Confinement Fusion Team**

***Location:*** Washington, DC (On-Site)

***Position Description:*** General Engineer

The Office of Experimental Science is comprised of a multitude of research and development subprograms that provide the knowledge and expertise needed to maintain confidence in the nuclear stockpile in the absence of nuclear explosive testing. NA-113 ensures a resilient U.S. nuclear deterrence posture by delivering world-class data, facilities, and expertise required to undergird the effectiveness and responsiveness of the modern stockpile. The program provides the scientific underpinnings required to conduct annual assessments of weapon performance

and certification of life extension programs (LEPs), and the insight necessary to understand the impacts of findings to ensure that the nuclear stockpile remains safe, secure, and effective.

During this fellowship within the Office of Experimental Science (OES) R&D Programs the fellow will work with the team and leadership in assessing the current weapon and weapon component lifetimes, development and qualification of modern materials and manufacturing processes, exploration of concepts for component reuse, and development of modern safety concepts for sustainment. They will assist the team with experiments to obtain the materials and nuclear data required to validate and to understand the physics of nuclear weapons performance to include hydrodynamic and subcritical experiments used to obtain data on the dynamic behavior of plutonium and surrogate materials in integrated geometries.

Fellow duties include:

- Supporting program experiments and data analyses to validate and understand the physics of nuclear weapons performance, and facilitating safety, security, and evaluations of sustainment concepts without the need for additional nuclear explosive testing.
- Supporting portfolio management within the office, including evaluating lab deliverables, and performing independent research.
- Partnering with the program engineers, program analysts, and program managers to oversee and evaluate program and project processes.
- Attending meetings supporting the office and placement-specific training to include Advanced Weapons Course (AWC), Survey of Weapons Development/Design, Sandia Military Liaison Course, NNSA Program Briefings/Seminars, DOE/NNSA Corporate Training.

## **(NA-114) Office of Advanced Simulation and Computing and Institutional Research and Development**

*Location: Washington, DC (On-Site)*

*Position Title: General Engineer*

The [Office of Advanced Simulation and Computing \(ASC\)](#) and Institutional Research and Development Programs provides high-performance simulation capabilities and computing resources to support the annual stockpile assessment and certification process, study advanced nuclear weapons design and manufacturing processes, analyze accident scenarios and weapons aging, and provide the tools to enable stockpile Life Extension Programs (LEPs) and the resolution of Significant Finding Investigations (SFIs). The Office is also responsible for the management and evaluation of NNSA's laboratory and site directed research and development (LDRD, SDRD) programs.

During this fellowship within the Office of Advanced Simulation and Computing (ASC) and Institutional R&D Programs, the Fellow will work with the team and leadership, utilizing high-

performance computers and simulation capabilities to provide support to the annual stockpile assessment and certification process, study advanced nuclear weapons design and manufacturing processes, analyze accident scenarios and weapons aging, provide the tools to enable stockpile Life Extension Programs (LEPs) and provide resolution of Significant Finding Investigations (SFIs).

Fellow duties include:

- Supporting the annual stockpile assessment and certification process by studying advanced nuclear weapons design and manufacturing processes, analyzing accident scenarios and weapons aging, and providing resolution of Significant Finding Investigations (SFIs).
- Supporting portfolio management within the office, including evaluating lab deliverables, and performing independent research.
- Partnering with the program engineers, program analysts, and program managers to oversee and evaluate program and project processes.
- Attending meetings supporting the office and placement-specific training to include Advanced Weapons Course (AWC), Survey of Weapons Development/Design, Sandia Military Liaison Course, NNSA Program Briefings/Seminars, and DOE/NNSA Corporate Training.

## **(NA-115) Office of Engineering and Technology Maturation – Advanced Manufacturing Development**

*Location: Washington, DC (On-Site)*

*Position Title: General Engineer*

The Office of Engineering and Technology Maturation leads Defense Programs technology and component maturation efforts to ensure the NSE develops and can use cutting-edge technology and the processes required to maintain the U.S. nuclear weapons stockpile; enhance safety and security; and be agile and responsive to emerging threats.

Fellow duties include:

- Strengthening predictive simulation and data analytics capabilities for manufacturing processes that conserve or reclaim at-risk materials, replace obsolete materials, and/or create new materials and chemicals that support stockpile stewardship.
- Supporting technology and system demonstration efforts, with various mission partners, to speed development and improve acceptance of advanced technologies and processes into the stockpile and the NSE.
- Supporting portfolio management within the office, including evaluating lab deliverables, and performing independent research.

- Partnering with the program engineers, program analysts, and program managers to oversee and evaluate program and project processes.

## **(NA-121.2) Production Operations Division**

*Location: Washington, DC (On-Site)*

*Position Title: Program Analyst or General Engineer*

The Production Operations Division is a multi-weapon system manufacturing-based program that drives individual site production capabilities and capacity for the stockpile sustainment and modernization programs, including limited life component production and weapon assembly and disassembly operations. NA-121.2's scope covers sustainment of labor required for weapon systems capabilities that enable individual weapon production and are not specific to one material stream. NA-121.2 also provides production equipment maintenance and calibration services for manufacturing operations to meet DOW War Reserve requirements.

Fellow duties include:

- Supporting program manager and program engineers in overseeing a nuclear material management and production program.
- Assisting in program management practices and business systems, and in integration of nuclear security complex operations to meet the NNSA's material needs.
- Assisting the program manager to plan and coordinate special studies related to the Office's mission, and objectives.
- Providing technical assistance to help identify required material supply and inventory objectives, activities, studies, and projects ensuring that NNSA capabilities supporting strategic materials will meet stockpile and national security needs.
- Participating in a technical advisory capacity and communicate the interest and position of the office, in meetings, panels, and conferences with the national laboratories, production sites, and other stakeholders to evaluate and assess technical developments, present issues, and develop solutions.

## **(NA-121.4) Nuclear Enterprise Assurance Division**

*Location: Albuquerque, NM or Washington, D.C. (On-Site)*

*Position Title: Program Analyst/General Engineer*

The Nuclear Enterprise Assurance (NEA) program ensures the NSE actively manages subversion risks to the nuclear weapons stockpile and associated design, production, and testing capabilities from all subversion threat pathways. NEA enables risk-managed adoption of leading-edge technologies to meet emerging military requirements and reduce modernization schedules and costs. NEA maintains a team of multi-disciplinary experts who perform rapid

assessments, develop tools and assurance methods, and provide recommended mitigations. Close coordination is maintained across NNSA and other agencies to stay informed of current threats and best practices. NEA focuses on technical, governance, and integration activities for the assurance of nuclear weapons, nuclear weapon enabling capabilities, and crosscutting functions and programs.

Fellow duties include:

- Supporting program manager and program engineers in overseeing the technology and processes for NNSA's nuclear material management and production.
- Assisting the program manager to plan and coordinate special studies related to the Office's mission and objectives.
- Providing technical assistance to help identify required material supply and inventory objectives, activities, studies, and projects ensuring that NNSA capabilities supporting strategic materials will meet stockpile and national security needs.
- Participating in a technical advisory capacity and communicating the interest and position of the office in meetings, panels, and conferences with the national laboratories, production sites, and other stakeholders to evaluate and assess technical developments, present issues, and develop solutions.
- Attending the following meetings, as required: Weekly NEA Team Meeting, Weekly NA-12, NA-121 Staff Meeting, program reviews, monthly meetings with sites.
- Attending placement-specific training, including Advanced Weapons Course (AWC), Survey of Weapons Development/Design, Sandia Military Liaison Course, NNSA Program Briefings/Seminars, DOE/NNSA Corporate Training.

## **(NA-122.1) Office of Stockpile Sustainment – Stockpile Services Division Weapons Dismantlement & Disposition**

*Location: Albuquerque, NM or Washington, D.C. (On-Site)*

*Position Title: General Engineer*

The Stockpile Services Division maintains and enhances the safety, reliability, and performance of the U.S. nuclear weapon stockpile. NA-122.1's mission is to establish nuclear weapon stockpile requirements, policies, plans and work scope, and to provide stockpile logistics that crosscut weapon sustainment programs through oversight of and implementation by management and operating contractors.

Fellow duties include:

- Supporting program manager and program engineers in overseeing the technology and processes for NNSA's nuclear material management and production.

- Assisting in program management practices and business systems, and in integration of nuclear security complex operations to meet the NNSA's material needs.
- Assisting the program manager to plan and coordinate special studies related to the Office's mission and objectives.
- Providing technical assistance to help identify required material supply and inventory objectives, activities, studies, and projects ensuring that NNSA capabilities supporting strategic materials will meet stockpile and national security needs.
- Participating in a technical advisory capacity and communicate the interest and position of the office, in meetings, panels, and conferences with the national laboratories, production sites, and other stakeholders to evaluate and assess technical developments, present issues, and develop solutions.
- Attending the following meetings, as required: Weekly Stockpile Services Team Meeting, Weekly NA-12, NA-122 Staff Meeting, program reviews, monthly meetings with sites.
- Attending Placement-specific training, including Advanced Weapons Course (AWC), Survey of Weapons Development/Design, Sandia Military Liaison Course, NNSA Program Briefings/Seminars, DOE/NNSA Corporate Training.

## **(NA-122.2) Office of Stockpile Sustainment – Ballistic Missile Weapons Division**

*Location: Albuquerque, NM (On-Site)*

*Position Title: Program Analyst/General Engineer*

The Ballistic Missile Division operates a weapons sustainment program which includes many activities in the areas of weapon maintenance, weapon surveillance, and weapon assessment that require coordination with internal and external stakeholders across the NSE.

Fellow duties include:

- Supporting program manager and program engineers in overseeing the technology and processes for NNSA's nuclear material management and production.
- Assisting in program management practices and business systems, and in integration of nuclear security complex operations to meet the NNSA's material needs.
- Assisting the program manager to plan and coordinate special studies related to the Office's mission and objectives.
- Providing technical assistance to help identify required material supply and inventory objectives, activities, studies, and projects ensuring that NNSA capabilities supporting strategic materials will meet stockpile and national security needs.

- Participating in a technical advisory capacity and communicate the interest and position of the office, in meetings, panels, and conferences with the national laboratories, production sites, and other stakeholders to evaluate and assess technical developments, present issues, and develop solutions.
- Attend the following meetings, as required: Weekly ICBM/SLBM Team Meeting, Weekly NA-12, NA-122 Staff Meeting, program reviews, monthly budget meetings with sites.
- Attend Placement-specific training, including Advanced Weapons Course (AWC), Survey of Weapons Development/Design, Sandia Military Liaison Course, NNSA Program Briefings/Seminars, DOE/NNSA Corporate Training.

## **(NA-122.3) Office of Stockpile Sustainment – Air-Delivered Weapons Division**

*Location: Albuquerque, NM (On-Site)*

*Position Title: Program Analyst/General Engineer*

The Air-Delivered Weapons Division operates a weapons sustainment program which includes many activities in the areas of weapon maintenance, weapon surveillance, and weapon assessment that require coordination with internal and external stakeholders across the NSE. Currently, NA-122.3 activities include aircraft compatibility and integration, Multi-Application Transportation Attachment Device (MTAD) production, and B61-12 transition to sustainment.

Fellow duties include:

- Supporting program manager and program engineers in overseeing the technology and processes for NNSA's nuclear material management and production.
- Assisting in program management practices and business systems, and in integration of nuclear security complex operations to meet the NNSA's material needs.
- Assisting the program manager to plan and coordinate special studies related to the Office's mission and objectives.
- Providing technical assistance to help identify required material supply and inventory objectives, activities, studies, and projects ensuring that NNSA capabilities supporting strategic materials will meet stockpile and national security needs.
- Participating in a technical advisory capacity and communicate the interest and position of the office, in meetings, panels, and conferences with the national laboratories, production sites, and other stakeholders to evaluate and assess technical developments, present issues, and develop solutions.

## **(NA-122.4) Office of Stockpile Sustainment – Weapon Security and Control Division**

*Location: Albuquerque, NM (On-Site)*

*Position Title: Program Analyst/General Engineer*

The Weapon Security and Control Division is vital to maintaining U.S. nuclear weapon security and control policy through a multitude of ongoing activities to sustain implementation of relevant technologies in the existing nuclear stockpile and to support the integration of required capabilities in future systems. The division mission is key to guaranteeing the surety and readiness of the current and future nuclear stockpile. Weapons sustainment is a dynamic program with many activities in the areas of weapon maintenance, weapon surveillance, and weapon assessment that require coordination with internal and external stakeholders across the NSE. There is always a mission critical need to fill in gaps of knowledge and expertise, and there is not a shortage of work to go around.

Fellow duties include:

- Supporting program manager and program engineers in overseeing the technology and processes for NNSA's nuclear material management and production and in developing departmental-level policy and procedures to ensure a safe, secure, and reliable nuclear weapon stockpile and to protect nuclear weapon data (NWD) information.
- Assisting in program management practices and business systems, and in integration of nuclear security complex operations to meet the NNSA's material needs.
- Assisting the program manager to plan and coordinate special studies related to the Office's mission and objectives.
- Providing technical assistance to help identify required material supply and inventory objectives, activities, studies, and projects ensuring that NNSA capabilities supporting strategic materials will meet stockpile and national security needs.
- Participating in a technical advisory capacity and communicate the interest and position of the office, in meetings, panels, and conferences with the national laboratories, production sites, and other stakeholders to evaluate and assess technical developments, present issues, and develop solutions.

## **(NA-125) Office of Stockpile Modernization**

*Location: Albuquerque, NM (On-Site)*

*Position Title: General Engineer*

The Stockpile Major Modernization program updates the lifetime of the Nation's nuclear stockpile with modern components and designs while addressing required updates, replacing aging/obsolete components to ensure continued service life, and enhancing security and safety

features. Stockpile Major Modernization is the stockpile management subprogram necessary to address updated DOW requirements for potentially new capabilities or extending the expected life of stockpile systems for an additional 20 to 30 years. NNSA, in conjunction with DOW, executes stockpile modernization following the Phase X/6.X process guidelines, which provide a framework to conduct and manage refurbishment activities for potentially new or existing weapons. Phase 1/6.1 (Concept Assessment) should provide sufficient information for the Nuclear Weapons Council (NWC) to authorize Phase 2/6.2 (Feasibility Study and Design Options). Follow-on phases include Phase 2A/6.2A (Design Definition and Cost Study), Phase 3/6.3 (Development Engineering), Phase 4/6.4 (Production Engineering), Phase 5/6.5 (First Production) and Phase 6/6.6 (Full-Scale Production). For the purposes of this justification, the term "refurbishment" refers to all nuclear weapon major alterations and modifications, including Life Extension Programs (LEP).

Fellow duties include:

- Supporting program manager and program engineers in overseeing the technology and processes for NNSA's nuclear material management and production.
- Assisting the Front Office to plan and coordinate special studies related to the Office's mission and objectives.
- Providing technical assistance to help identify required material supply and inventory objectives, activities, studies, and projects ensuring that NNSA capabilities supporting strategic materials will meet stockpile and national security needs.
- Participating in a technical advisory capacity and communicate the interest and position of the office, in meetings, panels, and conferences with the national laboratories, production sites, and other stakeholders to evaluate and assess technical developments, present issues, and develop solutions.

## **(NA-125.4) Office of Stockpile Modernization – W87.1 Modernization Program**

*Location: Albuquerque, NM (On-Site)*

*Position Title: General Engineer*

The W87-1 Modification Program will replace the W78 warhead and support fielding on the Air Force Sentinel missile system. The W78 is one of the oldest warheads in the stockpile and the W87-1 Modification Program provides improvement in warhead security, safety, and use control. The W87-1 Modification Program is based on a modified design of the W87-0 and will be fielded in the Mk21A reentry vehicle. The FPU is planned for the early 2030s. Continue component baseline design reviews. The program will continue conducting joint testing with Air Force and Mk21A programs. Continue Phase 6.3 and advance design maturity and manufacturing readiness levels and progress component and sub-system designs in preparation for the System Baseline Design Review. The program will complete the System Baseline Design Review.

Fellow duties include:

- Supporting program manager and program engineers in overseeing the technology and processes for NNSA's nuclear material management and production and in developing departmental-level policy and procedures to ensure a safe, secure, and reliable nuclear weapon stockpile and to protect nuclear weapon data (NWD) information.
- Assisting in program management practices and business systems and in integration of nuclear security complex operations to meet the NNSA's material needs.
- Assisting the program manager to plan and coordinate special studies related to the Office's mission and objectives.
- Providing technical assistance to help identify required material supply and inventory objectives, activities, studies, and projects ensuring that NNSA capabilities supporting strategic materials will meet stockpile and national security needs.
- Participating in a technical advisory capacity and communicate the interest and position of the office, in meetings, panels, and conferences with the national laboratories, production sites, and other stakeholders to evaluate and assess technical developments, present issues, and develop solutions.

## **(NA-18) Office of Systems Engineering & Integration**

*Location: Washington, DC (On-Site)*

*Position Title: Program Analyst/General Engineer*

The Office of Systems Engineering & Integration's Front Office oversees and provides direction to mission offices and acts as special advisor to leadership on technical policy and program execution. NA-18 Front Office manages external interfaces with governmental stakeholders, leads Weapons Activity level requirements and risk program, and leads independent assessments. NA-18 Front Office also serves as the NNSA lead for Program Management System implementation and maintains many critical contracts including Aerospace, Tech Source (program controls), and Vector Resources (logistics).

Fellow duties include:

- Supporting federal program managers (FPM) with developing, managing, integrating, and maintaining applicable policies and processes for systems engineering and program management.
- Assisting FPMs with managing an enterprise modeling effort and providing independent analyses in support of decision-making.
- Assisting in managing system-level, requirements-oriented trade studies to inform requirements flow down, system performance, and resource requirements.

- Assisting the team with managing the integration of top-level requirements with stakeholders (e.g., DOW) and synthesizing the enterprise-level requirements that drive the DP enterprise.
- Assisting or leading regular status meetings/calls with related NNSA and DOE sites and provide input for regular risk review meetings.
- Preparing presentations, white papers, and/or memos to communicate status updates and recommendations for management, and where necessary, coordinating these recommendations with other NNSA offices and the sites.
- Providing input for external communications, including strategy documents and communications with the U.S. Congress and the U.S. Government Accountability Office (GAO).
- Collaborating with multiple offices as directed and provide updates and recommendations to Office of Systems Engineering and Integration (SE&I) FO and management.

## **(NA-181) Office of Policy and Requirements**

*Location: Albuquerque, NM or Washington, DC (On-Site)*

*Position Title: Program Analyst/General Engineer*

The Office of Policy and Requirements establishes and manages the systems engineering and program management policies, processes, and practices for Defense Programs (DP). NA-181 manages the integration of top-level requirements with stakeholders (e.g., DOW) and synthesizes the enterprise-level requirements that drive the DP enterprise. The office ensures that the higher-level DP requirements are coordinated and trace down to program-specific requirements at the detailed level.

Fellow duties include:

- Supporting federal program managers (FPM) with developing, managing, integrating, and maintaining applicable policies and processes for systems engineering and program management.
- Assisting FPMs with managing an enterprise modeling effort and providing independent analyses in support of decision-making.
- Assisting in managing system-level, requirements-oriented trade studies to inform requirements flow down, system performance, and resource requirements.
- Conducting various technical, policy, and budgetary analyses, and recommending decisions to FPMs.

- Leading regular status meetings/calls with related NNSA and DOE sites and provide input for regular risk review meetings.
- Preparing presentations, white papers, and/or memos to communicate status updates and recommendations for management, and where necessary, coordinating these recommendations with other NNSA offices and the sites.
- Providing input for external communications, including strategy documents and communications with Congress and the GAO.
- Collaborating with multiple offices as directed and provide updates and recommendations to FPM and management.

## **(NA-182) Office of Program Management Support**

*Location: Albuquerque, NM (On-Site)*

*Position Title: Program Analyst/General Engineer*

The Office of Program Management Support delivers relevant and credible support to NNSA Defense Programs (DP), offering Business Processing System, Model Based Systems Engineering, Systems of Systems Engineering, Life Cycle Logistics, Nuclear Weapon Acquisition Training, Lessons Learned/Acted Upon, and Supply Chain Risk Management expertise underpinning U.S. NSE capabilities.

By providing subject matter expertise to DP, the team supports establishment of baseline program definitions and baseline configuration management. Team also evaluates program status as requested by DP leadership. The team acts in a liaison capacity with program organizations, ensuring constraints are considered during upstream Systems Engineering activities. Develops and provides Systems Engineering and Life Cycle Management training and education to all DP personnel and maintains qualified systems engineering resources to support programs.

Fellow duties include:

- Supporting Federal Program Managers (FPM) with systems integration, program management, and logistics policies across the program, including areas of interest within the office.
- Conducting various technical, policy, and budgetary analyses, and recommending decisions to FPMs.
- Leading regular status meetings/calls with related NNSA and DOE sites and provide input for regular risk review meetings.
- Preparing presentations, white papers, and/or memos to communicate status updates and recommendations for management, and where necessary, coordinating these recommendations with other NNSA offices and the sites.

- Providing input for external communications, including strategy documents and communications with Congress and GAO.
- Collaborating with multiple offices as directed and provide updates and recommendations to FPM and management.

## **(NA-183) Office of Strategic Planning and Analysis**

*Location: Washington, DC (On-Site)*

*Position Title: Program Analyst/General Engineer*

The Office of Strategic Planning and Analysis is responsible for directing, managing, and coordinating strategic planning and analysis for Defense Programs (DP) and serves as an agency-wide recognized authority or resident expert for strategic planning and analysis for the NSE. NA-183 develops, writes, and publishes the Stockpile Stewardship and Management Plan (SSMP), the annual 25-year plan for the Nation's nuclear weapons stockpile and the NSE that supports it. They conduct capability, industrial base, workforce, and infrastructure planning and risk coordination to support SSMP development.

The office manages DP's Industrial Base Monitoring Program, which incorporates CFIUS related activities. They plan and execute quarterly Integrated Planning Group (IPG) Meetings to support the SSMP development. IPG members include federal program managers, representatives across all labs, plants and sites, and offices within the Weapons Activities Portfolio.

Fellow duties include:

- Supporting federal program managers (FPM) with SSMP activities across the program, including areas of interest within the office.
- Conducting various technical, policy, and budgetary analyses, and recommending decisions to FPMs.
- Leading regular status meetings/calls with related NNSA and DOE sites and provide input for regular risk review meetings.
- Preparing presentations, white papers, and/or memos to communicate status updates and recommendations for management, and where necessary, coordinating these recommendations with other NNSA offices and the sites.
- Providing input for external communications, including strategy documents and communications with Congress and the GAO.
- Collaborating with multiple offices as directed and provide updates and recommendations to FPM and management.

## **(NA-19) Office of Production Modernization and Materials Management**

*Location: Washington, DC (On-Site)*

*Position Title: Program Analyst/General Engineer*

The Production Modernization and Materials Management (PM&MM) program is responsible for modernizing the facilities, infrastructure, and equipment that produce materials and components to meet stockpile requirements and maintain the Nation's nuclear deterrent. The program encompasses three major subprograms that sustain the Nation's nuclear weapons stockpile. These subprograms are Pit Production Modernization, Strategic Materials Production Modernization, and Warhead Assembly and Non-Nuclear Modernization.

Fellow duties include:

- Conducting various technical, policy, and budgetary analyses, and recommending decisions to FPMs.
- Leading regular status meetings/calls with related NNSA and DOE sites and provide input for regular risk review meetings.
- Preparing presentations, white papers, and/or memos to communicate status updates and recommendations for management, and where necessary, coordinating these recommendations with other NNSA offices and the sites.
- Providing input for external communications, including strategy documents and communications with Congress and the GAO.
- Collaborating with multiple offices as directed and provide updates and recommendations to FPM and management.

## **(NA-191) Office of Pit Production Modernization**

*Location: Washington, DC (On-Site)*

*Position Title: Program Analyst/General Engineer*

The Production Modernization (PM&MM) program is responsible for modernizing the facilities, infrastructure, and equipment that produce materials and components to meet stockpile requirements and maintain the Nation's nuclear deterrent. Included within the PM&MM program is the Office of [Pit Production Modernization](#) (PPM) whose mission is to restore the Nation's capability to produce a set number of plutonium pits per year. The Pit Production Modernization Office develops plans, manages projects, creates budgets, and executes strategies for the sustainment and modernization of the NNSA's Plutonium and Pit Production capabilities. The three major subprograms are Los Alamos Plutonium Modernization, which include Los Alamos Pit Production, Savannah River Plutonium Modernization, and Enterprise Pit Production Support.

Fellow duties include:

- Conducting various technical, policy, and budgetary analyses, and recommending decisions to FPMs.
- Leading regular status meetings/calls with related NNSA and DOE sites and provide input for regular risk review meetings.
- Preparing presentations, white papers, and/or memos to communicate status updates and recommendations for management, and where necessary, coordinating these recommendations with other NNSA offices and the sites.
- Providing input for external communications, including strategy documents and communications with Congress and the GAO.

## **(NA-192.1) Office of Strategic Materials Production Modernization – Tritium Program Office**

*Location: Albuquerque, NM (On-Site)*

*Position Title: Program Analyst/General Engineer*

The Office of Strategic Materials Production Modernization restores and increases manufacturing capabilities for nuclear weapons in the NSE. This program is modernizing facilities and operations to process the materials, fabricate components, and assemble components into subassemblies. The program includes (1) Tritium Modernization, (2) Defense Fuels, (3) Enriched Uranium Modernization, (4) Depleted Uranium Modernization, (5) Lithium Modernization, and (6) Advanced Materials and Capabilities Modernization.

The Tritium Modernization program operates the national capability for producing tritium. The program irradiates tritium-producing burnable absorber rods (TPBARs) ensuring an inventory of tritium while maintaining a reasonably flexible supply chain capability and capacity to meet national security requirements. NNSA produces tritium by irradiating TPBARs in two Tennessee Valley Authority (TVA) reactors during normal 18-month operating cycles. Produced tritium is extracted from the TPBARs at the Tritium Extraction Facility (TEF) at our Savannah River Site. Tritium inventory is maintained to meet national security requirements, including support for limited-life component exchanges of tritium reservoirs that are deployed in the stockpile.

Fellow duties include:

- Reviewing and analyzing technical documentation, tracking, and assessing technology developments across the program, and developing technical recommendations for the FPMs.
- Collaborating with international partners, including technology development activities, and provide updates and recommendations to FPMs, Strategic Materials Production Modernization, and Production Modernization and Materials Management leadership.

- Assisting or leading regular status meetings/calls with related NNSA and DOE sites and provide input for regular risk review meetings.

## **(NA-192.2) Office of Strategic Materials Production Modernization – Defense Fuels Program**

*Location: Washington, DC (On-Site)*

*Position Title: Program Analyst/General Engineer*

The Office of Strategic Materials Production Modernization restores and increases manufacturing capabilities for nuclear weapons in the NSE. This program is modernizing facilities and operations to process the materials, fabricate components, and assemble components into subassemblies. The program includes (1) Tritium Modernization, (2) Defense Fuels (DF), (3) Enriched Uranium Modernization, (4) Depleted Uranium Modernization, (5) Lithium Modernization, and (6) Advanced Materials and Capabilities Modernization.

The DF program is responsible for ensuring a reliable supply of enriched uranium to support U.S. national security needs. Since the closure of the Paducah Gaseous Diffusion Plant in 2013, the United States has lacked the capability to produce enriched uranium free of peaceful use obligations (i.e., unobligated). DOE/NNSA requires unobligated enriched uranium to fuel reactors that produce tritium for nuclear weapons and to power the nuclear Navy. The DF program is implementing a three-pronged strategy to supply current enriched uranium needs and re-establish a supply of enriched uranium to meet long-term needs. First, NNSA seeks to ensure and extend availability of its unobligated LEU fuel supply through the early 2040s by down-blending excess HEU. Second, DF is preserving and advancing uranium enrichment expertise and technology to meet current and future U.S. Government needs. Third, DF is re-establishing a long-term supply of enriched uranium to meet future U.S. national security requirements.

Fellow duties include:

- Reviewing and analyzing technical documentation, tracking, and assessing technology developments across the program, and developing technical recommendations for the FPMs.
- Leading regular status meetings/calls with related NNSA and DOE sites and provide input for regular risk review meetings.
- Preparing presentations, white papers, and/or memos to communicate status updates and recommendations for management, and where necessary, coordinating these recommendations with other NNSA offices and the sites.
- Providing input for external communications, including strategy documents and communications with Congress and the GAO.
- Collaborating with multiple offices as directed and provide updates and recommendations to FPM and management.

## **(NA-192.4) Office of Strategic Materials Production Modernization – Depleted Uranium Modernization Program**

*Location: Washington, DC (On-Site)*

*Position Title: General Engineer*

The Office of Strategic Materials Production Modernization restores and increases manufacturing capabilities for nuclear weapons in the NSE. This program is modernizing facilities and operations to process the materials, fabricate components, and assemble components into subassemblies. The program includes (1) Tritium Modernization, (2) Defense Fuels, (3) Enriched Uranium Modernization, (4) Depleted Uranium (DU) Modernization, (5) Lithium Modernization, and (6) Advanced Materials and Capabilities Modernization.

The Depleted Uranium (DU) Modernization Program is responsible for overseeing the re-establishment of a reliable supply of HPDU metal, restarting, and maintaining existing DU operations and binary capabilities to meet current and future weapon component needs, and maturing new technologies to augment the current production capabilities. Many of the current capabilities lapsed since the end of the Cold War; the DU Modernization Program is responsible for ensuring NNSA has the capability to support current and future deterrence demands.

The DU Modernization Program is focused on managing the supply and use of DU and DU-niobium alloy (binary) across the NSE. The DU office is responsible for procuring and producing high-purity depleted uranium (HPDU), restarting production processes at the Y-12 National Security Complex (Y-12) to create DU and binary components to support current and future nuclear stockpile needs, and maturing and implementing new technologies to augment current production processes to improve efficiency, reduce costs, and meet future demands.

Fellow duties include:

- Reviewing and analyzing technical documentation, tracking, and assessing technology developments across the program, and developing technical recommendations for the FPMs.
- Tracking tasking assignments, drafting talking points, and preparing briefing materials for meetings with senior leadership.
- Supporting risk, budget, and programmatic activities as required by the Program.

## **(NA-192.6) Office of Strategic Materials Production Modernization – Advance Materials and Capabilities Modernization**

*Location: Washington DC (On-Site)*

*Position Title: General Engineer*

The Office of Strategic Materials Production Modernization restores and increases manufacturing capabilities for nuclear weapons in the NSE. This program is modernizing facilities and operations to process the materials, fabricate components, and assemble components into subassemblies. The program includes (1) Tritium Modernization, (2) Defense Fuels, (3) Enriched Uranium Modernization, (4) Depleted Uranium Modernization, (5) Lithium Modernization, and (6) Advanced Materials and Capabilities Modernization.

The Advance Materials and Capabilities Modernization Program is one of 6 programs within the Office of Strategic Materials Production Modernization. NA-192.6 sustains and modernizes the advance materials production capabilities across the NSE.

Fellow duties include:

- Conducting various technical, policy, and budgetary analyses, and recommending decisions to FPMs.
- Leading regular status meetings/calls with related NNSA and DOE sites and provide input for regular risk review meetings.
- Preparing presentations, white papers, and/or memos to communicate status updates and recommendations for management, and where necessary, coordinating these recommendations with other NNSA offices and the sites.
- Providing input for external communications, including strategy documents and communications with Congress and the GAO.
- Collaborating with international partners, including technology development activities, as directed and provide updates and recommendations to FPM and management.

## **(NA-193) Office of Warhead Assembly and Non-Nuclear Modernization**

**Location:** *Washington, DC (On-Site)*

**Position Title:** *Action Officer/Program Analyst*

The mission of Office of Warhead Assembly and Non-Nuclear Modernization is to modernize program capabilities needed for NSE. NA-193 contains four programs: 1) Non-Nuclear Capabilities Modernization (NNCM), which strengthens management of non-nuclear infrastructure modernization; 2) the Capabilities Based Investments (CBI) program, which modernizes the enterprise by sustaining or replacing core enterprise capabilities for weapon assessment, design, production, and certification; 3) the High Explosives and Energetics (HE&E) program, which provides modern HE&E production capabilities and reconstitutes/exercises the strategic energetic material supply to support stockpile requirements; 4) and Warhead Assembly Modernization (WAM) program, which modernizes the capabilities needed to execute warhead assembly/disassembly operations for weapon modernization, surveillance, and dismantlement programs.

Fellow duties include:

- Supporting office representatives in preparation for meeting with leadership,
- Working in a front office team and contributing to program assignments,
- Receiving specific deliverables toward a greater project.

## **(NA-20) Office of Defense Nuclear Nonproliferation, Office of the Deputy Administrator**

*Location: Washington, DC (Hybrid)*

*Position Title: Front Office Action Officer*

The [Office of Defense Nuclear Nonproliferation's \(DNN\)](#) mission is to strengthen U.S. security by reducing global dangers posed by nuclear weapons, materials, and technologies. DNN's efforts are focused on:

- Securing nuclear materials, nuclear weapons, and radiological materials in potentially high-risk, vulnerable sites worldwide.
- Reducing quantities of nuclear and radiological materials.
- Bolstering border security overseas.
- Strengthening international nonproliferation regimes.
- Conducting cutting-edge nonproliferation and national security research and development. DNN works domestically and internationally, bilaterally, multilaterally, and with industry and nongovernmental organizations to achieve its mission.

The DNN Front Office Fellow plays an important role in providing support to the Deputy Administrator for Defense Nuclear Nonproliferation on policy and action issues.

Fellow duties include:

- Coordinating and tracking actions to the appropriate DNN sub-offices and ensuring products are complete, succinct, and consistent with DNN priorities.
- Assembling the weekly DNN Report, input for the NNSA Administrator (NA-1) Weekly Report and DOE Secretary (S1) Weekly Report, the Assistant Deputy Administrator (ADA) summary report, and the biweekly Critical Events Calendar.
- Maintaining the DNN Front Office tasker tracker and sending daily AM/PM tasker tracker updates and roster emails.
- Supporting the monthly U.S. National Laboratories VTC and senior leadership meetings with other DOE offices.

- Seeking opportunities over the course of the fellowship to engage substantively in DNN Front Office regional coordination activities and engagement with NNSA lab, site, and plant complex.

## **(NA-21) Office of Global Material Security**

*Location: Washington, DC (On-Site)*

*Position Title: Front Office Action Officer*

The Office of Global Material Security's mission is to enhance global security by working with partners worldwide to secure and prevent the smuggling of nuclear and radioactive materials and promote the development and deployment of secure nuclear technologies. GMS includes three program offices: the Office of International Nuclear Security, the Office of Radiological Security, and the Office of Nuclear Smuggling Detection and Deterrence.

Fellow duties include:

- Triaging, tasking, and responding to requests from other divisions of Defense Nuclear Nonproliferation (DNN) offices, for assistance with tasks, problems and questions relating to activities within NA-21.
- Staffing action items, including research, compilation, coordination, and drafting responses to the NA-20 front office.
- Supporting the coordination of Public Affairs activities including press releases, website updates, fact sheets and related material.
- Drafting senior management papers, talking points/meeting memos, briefing slides, and other written materials for senior managers.
- Supporting meeting preparation and writing meeting notes.
- Coordinating input to weekly reports for senior management review.

## **(NA-211) Office of International Nuclear Security**

*Location: Washington, DC (On-Site)*

*Position Title: NGFP Fellow*

The Office of International Nuclear Security's mission is to lead U.S. international efforts to prevent theft and sabotage of nuclear materials and facilities worldwide.

Fellow duties include:

- Assisting Program Managers with their mission, prepare briefing memos, and ensuring the office meets its internal obligations.

- Serving as an action officer and taking on project-based work based on the interest of the fellow and the needs of the office.

## **(NA-212) Office of Radiological Security**

*Location: Washington, DC (On-Site)*

*Position Title: Project Manager*

The [Office of Radiological Security](#) works to enhance U.S. and global security by preventing high activity radioactive materials from being used in acts of terrorism. NA-212 employs the following three strategies to accomplish this objective:

- Protect radioactive sources used for vital medical, research, and commercial purposes.
- Remove and dispose of disused radioactive sources.
- Reduce the global reliance on radioactive sources by promoting the adoption and development of non-radioisotopic alternative technologies.

Fellow duties include:

- Supporting technical areas within NA-212's Eliminate and Prevent strategies.
- Providing critical support to Domestic Program Portfolio Managers in project management activities across the U.S., including engagement with other U.S. agencies and partners on radiological security topics.
- Maintaining and updating various internal programmatic tracking tools for the Domestic Program Director/Deputy Director.
- Drafting and editing memos, talking points, issues papers, and briefings for NNSA and DOE Senior Management, Interagency partners, and Congress.
- Collecting and compiling input for a variety of weekly reporting requirements including the Assistant Deputy Administrator's report and the S-1 report.
- Supporting various meetings or events by coordinating schedules, taking notes, and drafting readouts.

## **(NA-213) Office of Nuclear Smuggling Detection and Deterrence**

*Location: Washington, DC (On-Site)*

*Position Title: NGFP Fellow*

The Office of [Nuclear Smuggling Detection and Deterrence's](#) (NSDD's) mission is to strengthen the capabilities of partner countries to detect, disrupt, and investigate smuggling of nuclear and radioactive materials. In executing this counter-nuclear smuggling mission, NSDD provides international partners with associated training, workshops, and technical exchanges to build awareness and capability on countering nuclear smuggling, as well as exchanges on technical topics such as radioactive/nuclear material analysis, material characterization, and detection sciences.

Fellow duties include:

- Supporting federal country managers overseeing projects involving relationship management, project management, equipment deployment, testing and acceptance, and capacity building activities.
- Participating in special projects such as strategic reviews and program planning, special event planning, and engagements with inter-agency and international partners.
- Supporting routine office functions including the development of presentations, support for meetings, and tracking and responding to requests for information.

## **(NA-22) Office of Defense Nuclear Nonproliferation Research & Development**

*Location: Washington, DC (On-Site)*

*Position Title: NGFP Fellow*

The Defense [Nuclear Nonproliferation Research and Development](#) (DNN R&D) program directly contributes to nuclear security by developing U.S. capabilities to detect and characterize global nuclear security threats in full coordination with the goals and priorities of U.S. Government mission stakeholders across nonproliferation, counterterrorism, and emergency response mission areas. In addition, DNN R&D sustains and develops foundational nonproliferation technical competencies that ensure the technical agility needed to support a broad spectrum of U.S. nonproliferation missions and anticipate threats. To do these activities, DNN R&D leverages the unique facilities and scientific skills of DOE/NNSA, academia, and industry to perform research and demonstrate advances in capabilities, develop prototypes, and produce sensors for integration into operational systems.

Fellow duties include:

- Supporting Federal Program managers with reviews of technical work submissions from the DOE national labs, e.g. white papers, presentations, tech reports, proposals, final reports.
- Supporting and attending four annual program reviews.
- Working on program management tasks for DNN R&D as assigned, e.g. technology readiness level assessments, DNN R&D history.

- Participating in site visits to the DOE national labs, sites, and plants with Federal Program Managers.
- Attending sub-office meetings, and monthly DNN R&D all-hands staff meetings.

## **(NA-23) Office of Material Management and Minimization**

*Location: Washington, DC (On-Site)*

*Position Title: Front Office Fellow*

The [Office of Material Management and Minimization](#) (M3) presents an integrated approach to addressing the persistent threat posed by nuclear materials through a full cycle of materials management and minimization efforts. In order to support U.S. national security interests, the primary objective of NA-23 is to achieve permanent threat reduction by minimizing and, when possible, eliminating weapons usable nuclear material around the world.

Fellow duties include:

- Staffing action items, including research, compilation, coordination, and drafting responses to the NA-20 front office.
- Supporting the drafting, compilation, and editing of various reports to Congress, and working with other DNN offices on concurrence actions.
- Supporting coordination of Public Affairs activities including press releases, website updates, fact sheets and related material.
- Supporting the drafting of senior management papers, e.g., background, talking points/meeting memos, briefing slides and other written materials for senior managers.
- Supporting staff preparations for international meetings.
- Coordinating input to weekly reports for senior management review.
- Tracking Congressional actions such as Defense Authorization hearings and markups and Appropriations hearings and markups.
- Helping coordinate and track M3 participation in White House/National Security Council meetings.
- Maintaining the daily M3 tasker tracker.

## **(NA-231) Office of Reactor Conversion & Uranium Supply**

*Location: Washington, DC (Hybrid)*

***Position Title: NGFP Fellow***

The Office of Reactor Conversion and Uranium Supply eliminates the need for, and production of weapons-usable materials in civilian applications around the world by qualifying high-assay low-enriched uranium (HALEU) fuels, converting research reactors to use HALEU fuel, integrating proliferation resistance into new nuclear facilities, and providing a sustainable supply of HALEU for research reactors and isotope production.

Fellow duties include:

- Supporting the Convert Office Director and Deputy with taskers, including weekly NNSA reports, budget reports, Congressional and/or GAO reports, and other high-level correspondence.
- Preparing for and participating in meetings with domestic and international partners, draft meeting memos and talking points for NNSA and DOE leadership, create and update Convert presentations and briefing materials
- Engaging with various program managers on their projects, including interactions with the national laboratories, industry, research institutes, foreign governments, and interagency partners.
- Identifying, in alignment with Office needs and mission, areas of interest for further involvement.

## **(NA-232) Office of Nuclear Material Removal & Elimination**

***Location: Washington, DC (On-Site)***

***Position Title: NGFP Fellow***

The Office of Nuclear Material Removal and Elimination seeks to prevent terrorists and rogue states from acquiring nuclear weapons. NA-232 strives to attain this goal by working directly with international partners to eliminate highly enriched uranium and plutonium wherever possible, through repatriating these materials to the country of origin or disposing of them locally. NA-232 also maintains the U.S. government's capability to safely execute large-scale removals of nuclear material on an expedited basis.

Fellow duties include:

- Supporting a geographic portfolio manager with their daily engagements with international partners on nuclear material removal and elimination projects.
- Working with multiple national laboratories, foreign government and research institutes, and interagency partners.

- Supporting the Remove Office Director and Deputy with taskers, including weekly NNSA reports, budget reports, Congressional and/or GAO reports, and other high-level correspondence.
- Preparing for and participating in meetings with international partners, including drafting meeting memos and talking points for NNSA and DOE senior leadership, creating and updating Remove Office presentations and briefing materials, and supporting a variety of cross-cutting initiatives.

## **(NA-233) Office of Plutonium Disposition**

*Location: Washington, DC or Aiken, SC (On-Site)*

*Position Title: NGFP Fellow*

The Office of [Plutonium Disposition](#) is tasked with dispositioning 34 mt of plutonium, declared excess to national security needs. This seemingly simple-sounding mission entails major program and project management, initiatives to develop and hone approaches and technologies, and constant communications with diverse stakeholders from Congress to local and tribal governments.

Fellow duties include:

- Producing written and verbal products representing the office.
- Representing the office at various meetings internal and with interagency.
- Coordinating the Office's tasker process.
- Assisting with program and project management.
- Organizing meetings with foreign counterparts.

## **(NA-234) Office of Program Support**

*Location: Washington, DC (On-Site)*

*Position Title: NGFP Fellow*

The Office of Program Support oversees the development, implementation and execution of financial and programmatic policies and procedures to align with organizational goals and objectives while ensuring compliance with relevant laws and guidance. This office oversees the development, coordination, and implementation of the program, planning, budget, and evaluation process supporting the program and construction projects. In addition, the office is responsible for the day-to-day program management and coordination of M3 work products that are provided to DNN's leadership and other NNSA components.

Fellow duties include:

- Staffing action items, including research, compilation, coordination, and drafting responses on behalf of NA-234 to leadership and the Defense Nuclear Nonproliferation Front Office.
- Maintaining the NA-234 daily tasker tracker and accountability tracker.
- Tracking and reviewing Congressional actions such as National Defense Authorization Act (NDAA) hearings and markups as well as Congressional appropriations hearings and markups.
- Coordinating and tracking NA-234 participation in interagency meetings, as well as meetings with external stakeholders.
- Support the drafting, compilation, and editing of various Program Support deliverables and reports to NNSA/DOE and working with other DNN offices on concurrence actions. Manage and update repository of final tasker responses and documents on shared drives.

## **(NA-24) Office of Nonproliferation and Arms Control**

**Location:** Washington, DC (On-Site)

**Position Title:** NGFP Fellow

Office of Nonproliferation and Arms Control's mission is to protect U.S. technological and industrial competitiveness, to prevent weapons of mass destruction proliferation, and to realize the full potential of the peaceful uses of nuclear energy. NPAC leverages its core competencies and expertise in 1) International Nuclear Safeguards; 2) Nuclear Export Controls; 3) Nuclear Verification; 4) Civil Nuclear Cooperation and Engagement.

Fellow duties include:

- Interacting frequently with staff and management across all four subprograms and with NA-24 senior management and NA-20 Front Office counterparts.
- Consolidating NPAC subprogram inputs into daily taskings from DOE/NNSA senior management and coordinating and tracking actions for NPAC.
- Supporting NPAC in responding to information requests on budget reporting, program metrics, and drafting bilateral and multilateral briefing materials for high-level DOE principals.
- Assessing the substance of the taskings and determine the relevance to NPAC subprograms, distribute requests, and track and compile inputs.
- Coordinating official correspondence between DOE/NNSA principals and those external to the Department on issues relevant to NPAC.

## **(NA-241) Office of International Nuclear Safeguards**

*Location: Washington, DC (On-Site)*

*Position Title: NGFP Fellow*

The [International Nuclear Safeguards Office](#) works to strengthen the global implementation of the international nuclear safeguards system by working with the IAEA and partner countries to ensure they are able to effectively and efficiently implement their responsibilities under their respective safeguards agreements, to verify that nuclear materials and activities are not diverted from peaceful activities. These activities are accomplished through engagements with the U.S. National Labs, U.S. industry, IAEA, and over 100 countries around the world (including countries with advanced nuclear capabilities, nuclear newcomers, and countries with no nuclear materials or facilities).

Fellow duties include:

- Participating in one or more teams across the office to implement technical or policy-related projects with national laboratories and/or foreign partners.
- Developing, reviewing, and coordinating talking points, memos, and briefing papers.
- Supporting the effective implementation of office and programmatic functions
- Organizing and participating in meetings with laboratory, DOE, and interagency counterparts on behalf of the office.

## **(NA-242) Office of Nuclear Export Controls**

*Location: Washington, DC (On-Site)*

*Position Title: NGFP Fellow*

The Office of Nuclear Export Controls builds U.S. and global export control capacity to detect and prevent the illicit or inadvertent transfer of nuclear and dual-use materials, equipment, and technology. NA-242 also contributes technical and policy expertise to help inform the U.S. government's development of export control and industrial policies to address these challenges and changing geopolitical circumstances.

Fellow duties include:

- Coordinating office inputs to daily incoming taskers and requests for information from DOE and NNSA.
- Supporting ONEC export control engagement with foreign partners to help strengthen their export control systems; this will include attending: interagency and internal NNSA meetings; contributing to event preparation including planning and logistics; drafting presentations and other related documents for meetings and events.

- Supporting reviews of national laboratory requests to work with foreign partners under DOE Order 485.1.
- Assisting with and learning about the dual use export licensing process, including attending interagency meetings on licensing topics.
- Supporting office efforts on technical support and training to multiple U.S. enforcement agencies.

## **(NA-243) Office of Nuclear Verification**

**Location:** Washington, DC (On-Site)

**Position Title:** NGFP Fellow

The Office of Nuclear Verification's mission is to verifiably limit and reduce nuclear weapons and nuclear weapons programs while maintaining deterrence and strategic stability. NA-243 provides technical measures, policy options, and implementation capabilities to enable safe, secure, and verifiable reductions and limitations and monitoring of nuclear warheads, fissile material production and associated facilities, and chemical weapons.

Fellow duties include:

- Supporting the Office Director and Deputy Director in completing both strategic and daily tasks and deliverables.
- Supporting specific assignments covering office operations, strategic planning, and communications.
- Serving as the action officer for coordinating within the Office to complete daily taskings, working with the programs to assign and coordinate inputs and providing products to the Director and Deputy for review and approval.
- Providing project support across the Office's three programs: the Weapons Monitoring and Verification (WMV) Program, the Nuclear Materials Verification (NMV) Program, and the Strategic Stability Technology Assessments (SSTA) Program.

## **(NA-244) Office of Civil Nuclear Cooperation & Engagement**

**Location:** Washington, DC (On-Site)

**Position Title:** NGFP Fellow

The Office of Civil Nuclear Cooperation and Engagement mission is to address evolving threats and challenges to nonproliferation and arms control regimes.

Fellow duties include:

- Assisting with taskers for the office.
- Providing project support for NA-244's Civil Nuclear Cooperation Program, including the Part 810 licensing program as well as the 123-agreement program, and as appropriate the Nonproliferation Innovation and Multilateral Engagement (NI&ME) program.
- Supporting the office's work in the Nuclear Suppliers Group, international engagement in multilateral fora such as the Treaty on the Nonproliferation of Nuclear Weapons (NPT) Review Cycle, and other duties as assigned.

## **(NA-41) Office of Emergency Management – Preparedness**

*Location: Washington, DC (On-Site)*

*Position Title: NGFP Fellow*

The [Office of Emergency Management](#) provides the policy and guidance for emergency management across the DOE and NNSA enterprise. This is done through active engagement and collaboration with DOE and NNSA partners. The Office recently revised DOE's emergency management policy and guidance documents. In addition, the office updated training to support the implementation of the Department's Emergency Management and is in the process of refining how it measures the readiness of the Department to respond.

Fellow duties include:

- Supporting the development of the DOE/NNSA annual risk profile and any associated data projects.
- Supporting Geographic Information System (GIS) products as needed.
- Supporting product development for various data and reporting needs across NA-40.
- Supporting engagement and outreach to the DOE Emergency Management Enterprise community of practice, including the further development of the Enterprise Data Management System.
- Providing support to the Emergency Management Special Interest Group and Emergency Management Advisory Committee on data management, analysis, and/or reporting needs.

## **(NA-772) Office of Security Operations and Special Security Programs – Insider Threat Programs**

*Location: Washington, DC (On-Site)*

*Position Title: Insider Protection Analyst*

The Office of Security Operations and Special Security Programs (NA-77) serves as the NNSA Headquarters Security Officer (HSO) organization, implementing all facets of the DOE security program for NNSA HQ operations. NA-77 also provides liaison and oversight to ensure NNSA fulfills its responsibilities under the DOE Insider Threat Program, as managed by NA-772, and that NNSA have appropriate insight into the insider threat across the NSE.

Fellow duties include:

- Researching existing DOE/NNSA insider threat policies and operations to identify, analyze, and present an NNSA insider protection operations and staffing plan.
- Reviewing academic and government literature germane to federal insider protection requirements.
- Conducting interviews of NNSA personnel to identify functional and information sharing gaps, and design and develop an insider protection operations and staffing plan for NNSA.

## **(NA-80) Office of Counterterrorism & Counterproliferation**

*Location: Washington, DC (On-Site)*

*Position Title: Front Office Fellow*

The Office of Counterterrorism and Counterproliferation (CTCP) is integral to the U.S. Government's layered defense against nuclear terrorism and nuclear proliferation. CTCP's scientific capabilities help provide early threat indications and inform the security of nuclear materials worldwide. Its operational assets are used to locate and defeat terrorist nuclear devices and mitigate the effects of radiological incidents around the globe.

Fellow duties include:

- Collaborating with programs across NA-80 to deliver executive level briefing products, coordinate meetings and events, and support senior leadership.
- Analyzing, coordinating, and drafting responses to requests for information from partners across and outside of the NNSA and the NSE.
- Preparing, and drafting memorandums, letters, and other key communications products to support the Secretary of Energy, Deputy Secretary of Energy, the NNSA Administrator, the Associate Administrator for Counterterrorism and Counterproliferation, and other key leaders in the agency.
- Developing and supporting strategic projects in support of the goals and mission of the Office of Counterterrorism and Counterproliferation, to include specific support to the Office of Nuclear Forensics interagency program.

## **(NA-81) Office of Nuclear Incident Preparedness & Collaboration**

*Location: Washington, DC (Hybrid)*

*Position Title: Program Support Fellow*

The Office of Nuclear Incident Policy and Cooperation builds partnerships and capabilities for security, preparedness, and response against radiological and nuclear threats. The NA-81 mission is to strengthen domestic and international capabilities for radiological and nuclear incident, accident, and terrorism preparedness and response, and to increase awareness about the nuclear and radiological terrorism threat.

Fellow duties include:

- Supporting activities that focus on partnering with domestic and international partners to strengthen their R/N incident preparedness and response capabilities
- Advancing International cooperation including strategic partnerships with advanced civil nuclear countries, work with countries with significant national or regional terrorism risk, and activities with relevant multilateral organizations (e.g., International Atomic Energy Agency).
- Supporting the development of new outreach materials, briefings, and agendas for domestic and international use, working with the team and others.
- Supporting the ongoing development of programmatic methodology, prioritization, and planning.
- Supporting office activities and partners to strengthen emergency preparedness and response capabilities related to public health and safety, nuclear detonation detection, radiation detection, and consequence management.

## **(NA-90) Office of Infrastructure**

*Location: Washington, DC (On-Site)*

*Position Title: Engineer/Technical Writer*

The Office of Infrastructure's mission is to ensure a safe, secure, and resilient NSE through the application of effective planning, design, real estate acquisition, construction, operation, maintenance, recapitalization, disposition and modernization of NNSA's infrastructure.

Fellow duties include:

- Attending senior-level meetings where strategy and execution of high dollar infrastructure projects supporting Defense Program requirements, in support of the Nuclear Posture Review, and prepare meeting briefs.

- Preparing talking points and formal briefings for the Associate Administrator and Principal Deputy Administrator for high-level meetings.
- Assisting on a wide range of deliverables to the NNSA Administrator, DOE Secretary and DOE Deputy Secretary on a wide range of nuclear infrastructure capability requirements.

## **(NA-911) Office of Infrastructure – Planning & Integration Division**

*Location: Washington, DC or Albuquerque, NM (On-Site)*

*Position Title: Infrastructure Planner*

The Infrastructure Planning and Integration Division (NA-911) provides centralized infrastructure planning to ensure NNSA's infrastructure is sustainable, effective, and efficient to safely meet the enterprise needs, specifically:

- Provide centralized NNSA integrated infrastructure lifecycle planning.
- Identify, track, and analyze critical infrastructure metrics to assess NNSA infrastructure capabilities, priorities, functionalities, utilization, condition, needs, and gaps.
- Develop and maintain information management systems and tools (e.g., Facility Information Management System (FIMS), Mission Dependence Index (MDI), Excess Risk Index (ERI) to facilitate systems analyses.
- Create enterprise risk management methodologies to inform investment strategies.
- Investigate and identify the most effective long-term infrastructure investment strategies.
- Serve as a liaison to NNSA, DOE, and U.S. Government (USG) infrastructure planning, policy, and data analysis groups (e.g., Stockpile Stewardship and Management Plan (SSMP), Laboratory Operations Board (LOB), Office of Acquisition Management (MA-60)

Fellow duties include:

- Conducting independent research and obtaining information from various sources to solve problems.
- Supporting development of enterprise-wide strategic and tactical plans to guide corporate strategies, objectives, and actions.
- Identifying, tracking, and analyzing critical infrastructure metrics.
- Performing special studies to make recommendations on key infrastructure challenges.

## **(NA-CI) Office of Congressional and Intergovernmental Affairs**

*Location: Washington, DC (On-Site)*

*Position Title: Intergovernmental Affairs Specialist*

The Office of [Congressional and Intergovernmental Affairs](#) (NA-CI) communicates, promotes, and defends the NNSA mission, goals, and budget through outreach and sustainable relationship building with federal, state, local and Tribal stakeholders.

Fellow duties include:

- Developing and coordinating strategic messaging to Congress, its committees, and staff, as well as state, local, and tribal stakeholders.
- Acting as the NA-CI liaison with select NNSA Offices of interest.
- Generating deliverables for stakeholders and providing quality control to a fast-paced team.

## **(NA-COMM) Office of Communications**

*Location: Washington, DC (Hybrid)*

*Position Title: Communications Fellow*

The [Office of Communications's](#) mission is to make available timely and accurate information so that NNSA stakeholders – including the public, news media, and workforce – may understand and assess the facts about nuclear security, NNSA's role in preserving it, and our core mission objectives and priorities. NA-COMM engages with journalists and other public inquiries, as well as plans and executes proactive messaging on NNSA's mission and to NNSA employees.

Fellow duties include:

- Working with Public Affairs Specialists to create a portfolio regarding the NNSA enterprise and draft media responses and correspondence.
- Acting as a Liaison to the NNSA labs and advise on media inquiries.
- Working on special projects with the deputy communications director to emphasize the important and crucial work at NNSA.
- Working closely with the social media team to develop interesting and thought-provoking posts that align with the mission of the NNSA.

*Please note that as PNNL employees, NGFP fellows cannot act as spokespeople for NNSA nor engage directly with media.*

## **(NA-KC) Kansas City Field Office – Office of the Manager**

*Location: Kansas City, MO (On-Site)*

*Position Title: General Engineer/Program Analyst/Cybersecurity Specialist*

The Kansas City Field Office provides direction, oversight, and performance evaluation of the Management and Operating contractor at the Kansas City National Security Campus (KCNSC). The KCNSC is responsible for manufacturing and procuring non-nuclear weapon components, including electronic, mechanical, and engineered material.

Fellow will support the Field Office in its Office of Mission Assurance, Office of Support Operations, Office of Weapon Quality Assurance, or Office of Safeguards and Security.

Fellow duties include:

- Supporting oversight of business systems and processes.
- Assisting in the oversight of weapon programs and/or quality assurance.

## **(NA-LA) Los Alamos Field Office – Field Operations**

*Location: Los Alamos, NM (On-Site)*

*Position Title: Facility Representative*

The Los Alamos Field Office (NA-LA) provides oversight of the contractor that operates the Los Alamos National Laboratory to ensure operations are compliant with all applicable requirements. In doing so, NA-LA ensures the Laboratory is able to provide its missions in service to the Nation; provide field and administrative oversight and evaluate how well the contractor performs all the functions associated with the operation of the laboratory; and also provide feedback on the contractor's performance based on the observations and data collected. Our personnel specialize in specific technical areas/subjects and are or become world-class experts in their respective fields.

Fellow duties include:

- Assisting and learning from experienced facility representative staff member(s) at the Field Office and learning about operations at the Los Alamos National Laboratory.
- Participating in meetings with mentor(s) to learn about facilities and their operations at the Los Alamos National Laboratory.
- Participating in field walkdowns of facilities at the Laboratory to evaluate operational compliance with requirements.
- Participating on review of safety and operational analyses and document reviews and making recommendations for approval of the same.

- Providing (or learning to provide) feedback and professional opinions to facility representative mentor(s) based on what the fellow knows and learns.
- Beginning qualification training to become a Facility Representative.

## **(NA-LA) Los Alamos Field Office – Safety Operations**

*Location: Los Alamos, NM (On-Site)*

*Position Title: Fire Protection Engineer*

The Los Alamos Field Office (NA-LA) provides oversight of the contractor that operates the Los Alamos National Laboratory to ensure operations are compliant with all applicable requirements. In doing so, NA-LA ensures the Laboratory is able to provide its missions in service to the nation; provide field and administrative oversight and evaluate how well the contractor performs all the functions associated with the operation of the laboratory; and also provide feedback on the contractor's performance based on the observations and data collected. Our personnel specialize in specific technical areas/subjects and are or become world-class experts in their respective fields.

Fellow duties include:

- Assisting and learning from an experienced fire protection engineer staff member(s) at the Field Office and learning about operations at the Los Alamos National Laboratory.
- Participating in meetings with mentor(s) to learn about fire protection implementation at facilities at the Los Alamos National Laboratory.
- Participating in field walkdowns of facilities at the Laboratory to evaluate the fire protection systems, physical fire barriers, fire protection practices (e.g., combustible loading compliance, ignition control compliance, fire spread mitigation, etc.)
- Participating on review of fire protection analyses and document reviews and making recommendations for approval of the same.
- Providing (or learning to provide) feedback and professional opinions to the fire protection engineer mentor(s) based on what the fellow knows and learns.
- Depending on background and interest, perform or learn to perform computer fire modeling simulations of fires in structures.

## **(NA-LL) Livermore Field Office (1)**

*Location: Livermore, CA (Hybrid)*

*Position Title: Strategic Deterrence Fellow*

The Livermore Field Office provides oversight for Lawrence Livermore National Laboratory (LLNL) by supporting program enablement and execution, core federal oversight activities, contract management and evaluation, and site ownership and stewardship.

LLNL has a mission of strengthening the Nation's security by developing and applying world-class science, technology and engineering that ensures the safety, security and reliability of the nuclear deterrent; and reduces the global threat from terrorism and weapons of mass destruction.

Fellow duties include:

- Conducting research related to the defense programs mission.
- Documenting and presenting the findings of your work.
- Communicating with multiple stakeholders.

## **(NA-LL) Livermore Field Office (2)**

**Location:** *Livermore, CA (Hybrid)*

**Position Title:** *Global Security Fellow*

The Livermore Field Office provides oversight for Lawrence Livermore National Laboratory (LLNL) by supporting program enablement and execution, core federal oversight activities, contract management and evaluation, and site ownership and stewardship.

LLNL has a mission of strengthening the Nation's security by developing and applying world-class science, technology and engineering that ensures the safety, security and reliability of the nuclear deterrent; and reduces the global threat from terrorism and weapons of mass destruction.

Fellow duties include:

- Gaining a technical understanding of the work that LLNL conducts for NNSA's Defense Nuclear Nonproliferation (DNN), Counterterrorism, and Counterproliferation Programs; and
- Supporting available projects of mutual interest to both the fellow and LLNL. This may include areas within Global Material Security, DNN Research and Development, Nonproliferation and Arms Control, Nuclear Threat Science, Nuclear Forensics, and Nuclear Incident Response.
- Depending on the projects, technical laboratory work, and analysis, writing technical documents or plans, collaborating with other national laboratories, or presenting work to stakeholders such as Federal Program Managers, other government agencies, or partner organizations within the international community.

## **(NA-MB-10) Office of Human Resources**

*Location: Washington, DC (On-Site)*

*Position Title: Administrative Support Specialist*

Human Resources works as a strategic partner with component leaders across NNSA and DOE to ensure that human resources policies, procedures, and practices, including workforce planning strategies, foster sound human resources management, and provide for an accountability system that adheres to merit system principles and maintains legal compliance, effectiveness, efficiency, and timeliness. Human Resources deploys and assesses a full range of short- and long-term human resource solutions and approaches to serve the needs and mission of the NNSA workforce and contribute to good government.

Fellow duties include:

- Identifying and supporting process improvement projects.
- Finding existing processes to automate using existing technology (i.e., SharePoint)
- Implementing HR communications platform and strategies.

## **(NA-MB-81) Weapons Activities Resource and Matrix Team**

*Location: Washington, DC (On-Site)*

*Position Title: Program Analyst*

The Weapons Activities Resource and Matrix Team provides direct support to NNSA's Office of Management and Budget (NA-MB), Federal Program Managers, budget staff, and program and field offices for implementing all aspects of their Planning, Programming, Budgeting, and Evaluation (PPBE) process. NA-MB-81 coordinates the development of the NNSA's annual 5-year budget requests, while ensuring the budget aligns with the President's Nuclear Security Strategy and is prepared for Congressional submission.

Fellow duties include:

- Assisting leadership, program staff, and Federal Program Managers with funding of programs, personnel, and the NNSA nuclear weapons complex.
- Supporting programs during the Budgeting and Execution phases of the annual federal budget cycle by working directly with the programs and leadership to make hard strategic and tactical funding decisions.
- Creating budget execution direction to the WA programs/sites consistent with the annual Congressional appropriation or Continuing Resolutions.

- Reviewing the program's Congressional Budget Requests and preparing briefing documents for the Department, Congress, Office of Management and Budget, and other agencies.
- Assisting in the development of strategies for communicating resource requirements via briefings, reports to Congress, presentations, and Congressional budget justification books.

## **(NA-MB-92) Office of Analysis and Evaluation**

*Location: Washington, DC (On-Site)*

*Position Title: General Engineer / Physical Scientist*

The Office of Analysis and Evaluation leads the development of complex analytical products to support NSE decision-making. NA-MB-92 gathers data and information from the national laboratories, plants, and sites to perform analysis that inform planning and decisions for projects at NNSA. Additionally, NA-MB-92 performs portfolio analysis for NNSA programs and leads the community of excellence for planning, programming, budgeting, and evaluation across the NSE.

Fellow duties include:

- Conducting analysis in support of large NNSA capital acquisitions, including cost, schedule, risk, affordability, effectiveness, and executability analysis.
- Normalizing and analyzing data from multiple sources to inform modeling efforts and analytical tool development for NNSA.
- Supporting studies for nuclear weapons programs including cost estimate development, analyses of alternatives, requirements studies, portfolio studies, and integration area analyses.
- Representing NA-MB-90 within headquarters planning groups and collaborative planning and modeling efforts.
- Supporting programs by providing timely and relevant benchmarking and analysis for weapons and construction projects.

## **(NA-NV) Nevada Field Office – Office of the Assistant Manager for Mission and Infrastructure**

*Location: Las Vegas, NV (On-Site)*

*Position Title: General Engineer / Physical Scientist*

The Nevada Field Office is responsible for the operations and maintenance of the [Nevada National Security Sites](#) (NNS). NNS safely conducts high hazard operations, testing, and

training in support of NNSA and its laboratories as well as a variety of federal agencies. The NNSA helps ensure the security of the United States and its allies by supporting the stewardship of the nuclear deterrent, providing emergency response capability and training, and contributing to key nonproliferation and arms control initiatives. It executes unique national-level experiments, supports national security customers, manages the legacy of the nuclear deterrent, and provides long-term environmental stewardship for site missions.

Fellow duties include:

- Providing oversight to ensure contractor compliance, acceptable performance, and issue resolution for public, occupational and environmental safety of the NNSA nuclear facilities.
- Providing expert guidance on and interpretation of requirements by reviewing recommended actions on variances or exemptions from standards to ensure appropriate consideration is given to safety and health matters for operations, equipment, and procedures.
- Providing direct and regular interaction with contractor safety, health, and operations staff to ensure work is properly analyzed, both hazards and controls are appropriately identified, and contractors effectively implement actions into subsequent work planning and overall execution.
- Soliciting input from other sites regarding proposals for such activities and ensuring appropriate feedback and/or support.
- Conducting federal assessments on contractor progress toward meeting safety objectives.
- Advising management and executive leadership on health and safety matters.

## **(NA-PAS-315) Office of Partnership and Acquisition Services**

*Location: Albuquerque, NM (On-Site)*

*Position Title: Contract Specialist*

The Office of Partnership and Acquisition Services provides NNSA with the people, systems, and processes needed to deliver its unique mission capabilities through acquisition and contract management. NA-PAS provides strategic direction and leadership to support achieving the NNSA's missions through its unique Management and Operating (M&O) contracting model, its Federally Funded Research and Development Centers (FFRDCs), and other contracts, agreements, and financial assistance transactions.

Fellow duties include:

- Providing acquisition support to NNSA customers throughout the NNSA Enterprise, which are primarily located at the NNSA Albuquerque Complex, NNSA Field Offices, and NNSA Program Offices.

- Supporting tasks related to contract placement, contract administration, and contract closeout.
- Purchase requisition assignments for supplies and/or services which require acquisition planning, developing solicitations, conducting contractors' proposal evaluation and pricing, source selection, negotiation, and/or administration of the resulting business instruments (e.g., contracts, interagency agreements, task/delivery orders).

## **(NA-SN) Sandia Field Office**

*Location: Albuquerque, NM (On-Site)*

*Position Title: Weapons Quality Engineer*

The Sandia Field Office provides contract administration and oversight of Sandia National Laboratories (SNL), which designs all non-nuclear components for the nation's nuclear weapons, performs energy research and development projects, and works on assignments that respond to national security threats. NA-SN's oversight programs include operational awareness activities, on-site reviews, assessments, surveys, performance evaluations, document reviews, and other activities that involve evaluation of contractor organizations and federal organizations that manage or operate DOE sites, facilities, or operations.

Fellow duties include:

- Participating in detailed assessments of weapon and nuclear quality assurance operations, identifying strengths and weaknesses, and contributing to survey teams that conduct independent program evaluations.
- Compiling and analyzing data from oversight activities to inform performance assessments.
- Developing specialized technical knowledge of weapon design and production systems.
- Reviewing technical documents to ensure consistent interpretation of federal and local quality assurance policies.
- Monitoring performance indicators like yield and rework rates and participating in product and process qualifications.
- Contributing to problem resolution and technical reporting and gaining insight into the oversight of nuclear safety software.

## **(NA-SN) Sandia Field Office – Assistant Manager for Safeguards and Security**

*Location: Albuquerque, NM (On-Site)*

*Position Title: Security Specialist*

The Sandia Field Office provides contract administration and oversight of Sandia National Laboratories (SNL), which designs all non-nuclear components for the nation's nuclear weapons, performs energy research and development projects, and works on assignments that respond to national security threats. NA-SN's oversight programs include operational awareness activities, on-site reviews, assessments, surveys, performance evaluations, document reviews, and other activities that involve evaluation of contractor organizations and federal organizations that manage or operate DOE sites, facilities, or operations.

Fellow duties include:

- Supporting the team in providing oversight in one or more of the following areas: program management operations, safeguards and security program planning and survey, information security, physical security, personnel security, Technical Surveillance Counter Measures (TSCM), and/or nuclear materials control and accountability.
- Serving as a security team member for the SFO and performing day-to-day safeguards and security oversight.
- Ensuring compliance and performance throughout the SNL sites located in California, Hawaii, New Mexico, and the Tonopah Test Range, Nevada.
- Using assurance processes including assessments, corrective action/issues management, performance measurement and operating experience (including lessons learned, best business practices) to conduct system analysis of the contractor's performance in assigned areas of oversight responsibility.
- Reviewing of deliverables and precursors, incidents, and events.
- Performing analysis of security trends and indicators based on review of information and documents provided by the contractor.
- Preparing correspondence, reports, and briefing materials for both Internal and external audiences.
- Serving as a team member on performance and compliance-based assessments, program reviews, self-assessments and audits focused on SFO and contractor security program operations

## **(NA-PFO-50) Pantex Field Office – Business and Contracts Management**

***Location:*** Amarillo, TX (On-Site)

***Position Title:*** Management Analyst

Pantex Field Office's Business and Contract Management team executes effective contract management and oversight to safely and securely maintain the nuclear weapons stockpile for the NSE; provide enriched uranium for naval, research, and isotope production reactors; and support nonproliferation activities to reduce the global nuclear threat.

Fellow duties include:

- Establishing and monitoring procedures, policies, and schedules, and coordinating complex organizational activities.
- Providing rapid-response on time-sensitive actions supporting decision-making, handling special projects, and preparing periodic reports or special briefings.
- Assuring a professional, customer-oriented approach when dealing with the public and other senior level officials, and applies a broad range of analytical ability, knowledge and understanding of mission enabling tasks to meet procedural and regulatory requirements.
- Conducting special projects or assignments to research or analyze unstable or complex program issues.
- Coordinating the preparation and participates in the edit and review of background material, office correspondence to ensure strong quality products, and presentations for meetings, speaking engagements, conferences, and off-site visits that directly involve the Manager's office.
- Providing support in the program areas of Freedom of Information Act (FOIA), Employee Concerns Program (ECP), Internal/External Audit, EEO representative and Purchase Credit Card holder for purchase of supplies and materials.
- Providing support to the Assistant Manager for Business and Contracts Management in day-to-day management of office space for federal employees.
- Participating in periodic meetings that focus on data and results and provide evaluation through various means including the Contractor Performance Evaluation Process.
- Participating in the development, integration, and maintenance of the fiscal year Training Group Oversight Assessment Plan and Schedule, program direction budgets for training/travel, and if necessary, support service contracts, and other BCM business management functions.

## **(SP-281) Strategic Systems Programs – Reentry Systems Technical Management**

*Location: Washington, DC (On-Site)*

*Position Title: NGFP Fellow*

SP-281 is the branch of the Navy responsible for the planning, directing, and technical management of operational support programs for the United States and United Kingdom

deployed nuclear weapons subsystems. This includes post-development activities, such as managing the U.S./UK interface, design changes, DOW and DOE/NNSA interfaces, accuracy and reliability evaluation, model maintenance, defect analysis, trend tracking, and targeting analysis.

Fellow duties include:

- Supporting Government Reference Design flight experiments.
- Supporting the joint Navy/AF/NNSA fusing and aeroshell working groups including interfacing with Navy work performers to develop and execute component maturation plans.
- Representing SP-281 at the UK Future Program Working Group.
- Serving as the liaison for SP-281 to NNSA's Defense Program efforts within NA-11.

## **(SP-282) Strategic Systems Programs – Reentry Systems Product Management**

*Location: Washington, DC (On-Site)*

*Position Title: NGFP Fellow*

SP-282 is the section of the Reentry Systems Branch of the Navy responsible for the product management of developmental programs for the United States and United Kingdom nuclear weapons subsystems. This includes the development of weapons systems as well as integration of these systems both with the NNSA and with the Navy missile delivery systems.

Fellow duties include:

- Supporting the Reentry Experiments team to ensure that the ground and flight tests for developmental programs are successful.
- Analyzing budget execution and management of SP-282 products. Identify risks, issues, and/or opportunities associated with these programs.
- Helping with NNSA/Navy collaboration towards joint tests across development programs.
- Determining flight test, ground test, and hardware needs across test programs. Using output to update risks/issues/opportunities, Navy flight test documentation, and other products as appropriate.
- Representing SP-282 in external Navy engagements, such as meetings and trade studies, to ensure branch equities for ground and flight tests are upheld.
- Communicating program status and issues with branch and Navy leadership.

- Attending and contributing to relevant meetings, studies, and workshops to ensure development activities are complimentary to activity requirements.

# **NNSA Graduate Fellowship Program**

For more information, contact [NGFP@pnnl.gov](mailto:NGFP@pnnl.gov).

Visit us online at [www.pnnl.gov/projects/ngfp](http://www.pnnl.gov/projects/ngfp).