The U.S. Department of Energy (DOE) traces its origin to the Manhattan Project, which enlisted scientists studying fundamental physics to produce the first atomic weapons, and to the various energy-related programs that were dispersed throughout the federal government prior to DOE's creation in 1977.

Today, the Department of Energy contributes to the future of the nation by…

…ensuring our energy security…
…producing and maintaining our nuclear stockpile…
…promoting nuclear nonproliferation, and…
…fostering fundamental science, advanced computing and technological innovation.

Transformative science and technology are central to DOE's mission, and in this arena the Department's capabilities are unmatched:

- DOE's workforce includes thousands of scientists, engineers and experts who hold security clearances, enabling them to engage in work essential to national security.
- DOE is the Nation's largest supporter of research in the physical sciences, investing $5 billion annually.
- Research supported by the Department has yielded over 100 Nobel prizes.
- The Department is home to three of the world's five most powerful supercomputers.

DOE's **Office of Intelligence and Counterintelligence** deploys this world-class scientific and technical expertise to meet America's greatest national security challenges.

U.S. DEPARTMENT OF ENERGY | Intelligence and Counterintelligence

The mission of the U.S. Department of Energy's **Office of Intelligence and Counterintelligence** is to identify and mitigate threats to U.S. national security and the DOE Enterprise and inform national security decisionmaking through scientific and technical expertise. The Office functions within the U.S. Intelligence Community (IC), with accountability to both the Secretary of Energy and the Director of National Intelligence.

Our primary missions are in the following areas:

Scientifically Informed Intelligence Analysis

Analysts at the National Laboratories and DOE headquarters specialize in employing scientific and technical expertise, including experimentally verified analysis, to tackle the most difficult challenges facing our country's national security leaders.

DOE-IN's scientific and technical intelligence expertise concentrates on a focused, yet vitally important, range of issues to support customers within the Department and throughout the U.S. Government. Whether in support of the Department's senior leaders, other senior U.S. Government policymakers, or other agencies, DOE-IN analysis shapes our stakeholders' understanding on many key issues.

DOE-IN analysis is deeply rooted in National Laboratory expertise, drawing from diverse fields, on enduring and emerging threats in:

- Foreign nuclear weapons and fuel cycle programs
- Nuclear material security and nuclear terrorism
- Counterintelligence issues
- Energy security
- Cyber intelligence
- Strategic science and technology

Counterintelligence

Counterintelligence programs are at the core of our fundamental responsibility to protect the nation's nuclear secrets and other highly valuable intellectual property generated by the DOE complex. Counterintelligence professionals work closely with experts and managers throughout the Department to protect vital national security information and technologies, representing intellectual property of incalculable value. Key capabilities include:

- Counterintelligence awareness education within the DOE complex
- Threat information and analyses to protect DOE assets from foreign intelligence and terrorism
- Evaluation of insiders and foreign visitors who may pose a threat
- Investigations of cyber, terrorism, and espionage

Our partnerships with the IC and law enforcement assist in fortifying the defense of the Department's laboratories, plants, sites, intellectual property, and technologies.

Cyber

Cyber security and defense is a rapidly evolving and broad set of research, operations, and implementation activities. The Department and its laboratories are well recognized for their leadership and expertise in the cyber field.

DOE-IN's cyber expertise benefits from a diverse set of staff whose activities range from basic research and cyber intelligence threat analysis to information technology support and tools development, including unparalleled expertise in massive computing, simulation and modeling, and advanced supercomputing.

These cyber experts cooperate with other agencies and programs to support the full spectrum of DOE missions:

- Nuclear Weapons Stewardship: We examine and mitigate malware and supply chain issues.
- Critical Infrastructure: We work with the electrical utility industry and DOE partners to protect the grid.
- Cyber Threats: We partner with the Department's computing programs to support key technical and analytical intelligence missions.

The rapidly changing cyber threat and opportunity landscape facing DOE and the Nation prompt our cyber team to stay on the leading edge of technology development while providing the best customer service to the Department and the laboratory complex.

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To find out about employment opportunities in the Office of Intelligence and Counterintelligence, visit our web page: https://www.energy.gov/office-intelligence-and-counterintelligence