

International Atomic Energy Agency

The IAEA, a member of the United Nations family with headquarters in Vienna, Austria, is an independent intergovernmental science and technology-based organization that serves as the global focal point for nuclear cooperation. As of July 2018, 168 countries are Member States of the IAEA. There are more than 2500 IAEA staff members from over 90 countries. The regular budget in 2017 was approximately €350M. In addition, some Member States make voluntary contributions for specific purposes.

The IAEA has a threefold mandate: assistance with the development and transfer of peaceful nuclear technology; establishment and maintenance of a global nuclear safety regime; and verification of Member State compliance with the Non-Proliferation Treaty.

The IAEA's Department of Safeguards carries out the IAEA's verification mission through the application of safeguards agreements with individual countries (States) and on-site inspections in their nuclear facilities to verify the non-diversion of nuclear material from peaceful use. The Department's workforce consists of nuclear inspectors and specialized, technical staff responsible for safeguards planning, policy and processes; inspector training; analysis and evaluation of inspection samples, State declarations, satellite imagery, and open source information; specification, provision, and maintenance of inspector tools and verification systems; and safeguards information and analysis infrastructure. In 2017, safeguards were applied in 181 countries.

Additional Information

For more information consult the following web sites:

www.bnl.gov/ISPO

www.iaea.org

Questions can be sent to
iaea-jobs@bnl.gov

Application Process

Recruitment for CFEs begins with a position defined by the IAEA and accepted by the USSP. ISPO advertises the position on its website and in other media.

To apply for an advertised CFE position, please see our web page www.bnl.gov/ispo/CFE.php.

Compensation

The IAEA offers a competitive package of benefits and entitlements that includes:

- Tax exempt salary and post adjustment
- Health insurance
- Participation in the UN Joint Staff Pension Fund
- Paid relocation and repatriation
- Settling-in grant
- Rental subsidy
- Education grant for dependent children
- Six weeks vacation
- Home leave
- Training and staff development

International Safeguards Project Office
Brookhaven National Laboratory
P.O. Box 5000
Upton, NY 11973-5000

Brookhaven National Laboratory is managed for the U.S. Department of Energy by Brookhaven Science Associates, a company founded by Stony Brook University and Battelle.

Photos: Dean Calma/IAEA

International Atomic Energy Agency Cost Free Expert (CFE) Opportunities



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Project Office (ISPO)

The U.S. Support Program to IAEA Safeguards (The USSP)

The USSP assists the IAEA in its mission to verify that nuclear material placed under IAEA safeguards is not diverted for non-peaceful purposes. Specifically, the USSP provides extra budgetary assistance for targeted projects to resolve technical safeguards questions.

In recent years, the USSP has sponsored projects to assist the IAEA across a broad spectrum of disciplines, including non-destructive analysis of nuclear material, containment/surveillance capabilities, environmental monitoring techniques, remote monitoring, and information collection, processing and analysis. The assistance is provided by a number of U.S. participants, including private sector businesses, Department of Energy national laboratories, individual consultants on short-term assignments, and experts and junior professionals who live in Vienna and work at IAEA headquarters.

The USSP receives funding primarily from the Department of State through the U.S. Program of Technical Assistance to IAEA Safeguards (POTAS), established in 1977 by Senator John Glenn. However, the Department of State, the Department of Energy, the Nuclear Regulatory Commission, and the Department of Defense also provide additional funding and program coordination. The International Safeguards Project Office (ISPO), located at Brookhaven National Laboratory, is responsible for the day-to-day technical and administrative management of the USSP.



Cost Free Expert Opportunities with the IAEA Department of Safeguards

The USSP sponsors Cost Free Experts (CFEs) who have specialized skills that are not readily available among IAEA professional staff and work on a defined task that cannot be financed under the current IAEA budget. Such tasks are usually performed for the support divisions of the Department of Safeguards.

CFEs are "cost-free" only to the IAEA. There are three types of CFE arrangements. Type A is the most frequent arrangement, whereby the expert receives a fixed-term contract and the USSP reimburses the IAEA for the total cost of the expert's services. For a Type B arrangement, the CFE's services are paid directly by a Member State or organization within a Member State. For a Type C expert, there is a shared arrangement between the IAEA and the Member State. Typically, the USSP sponsors Type A CFEs who receive a contract entitling them to practically all the benefits, privileges, and immunities accorded to IAEA officials.

Below are examples of activities CFEs are tasked with:

1. Nuclear Instrumentation Training

Train inspectors in nondestructive assay measurement techniques and equipment, which are key tools for performing verification activities.

2. Statistical and Probabilistic Methodologies

Develop and implement statistical methodologies for safeguards applied to verification approaches and data evaluation.

3. Remote Monitoring

Develop remote monitoring application software for the transmission of data from safeguards surveillance equipment. This includes programming software, improving the infrastructure, and installing and upgrading systems in the field.

4. Satellite Imagery and Geospatial Analysis

Process and analyze multisensor imagery supporting nuclear verification evaluation.

5. Information Architecture

Develop and effectively disseminate enterprise information architecture of information/data across different organizational groups.

Eligibility Requirements

Candidates must be:

- U.S. citizens (unless noted otherwise);
- under the age of 65 and able to complete the duration of an initial contract;
- possessing a minimum of 5 to 10 years of relevant working experience;
- graduates of an accredited university;
- capable of working independently with good communication skills.

Successful candidates will be assigned to work with the IAEA at its headquarters in Vienna, Austria for a period of at least two years.



IAEA

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