**Internship Title**

Internship – Data Collection and Review of the Environmental Releases of Radionuclides

**Duration of Internship**

Summer 2024 for 6-12 months

**Organizational Setting**

Department: Nuclear Safety and Security

Division: Radiation, Transport and Waste Safety

Section: Waste and Environmental Safety

Unit: Assessment and Management of Environmental Releases

**Main Purpose**

The main purpose of the internship is to support the Unit in the collection and compilation of data to support work on guidance provided to Member States on environmental and radiological impact assessments. In particular, the updating of the DIRATA database which collates discharges from nuclear facilities around the world. The intern will be working with professional scientific staff in the Unit.

**Tasks / Key Results Expected**

* Contribute to collection and compilation of discharge data entry from IAEA Member States to the IAEA discharge database (DIRATA) for 2023-2024
* Review literature and data sources and interpret the information to support assessment of radiological impact from radionuclide releases to the environment.
* Compile and check data from reviews, e.g. data on transfer of radionuclides in the environment.
* Contribute to reviewing digital learning material developed in the Unit.
* Produce presentations and notes on work undertaken.

**Knowledge, Skills and Abilities**

* Handling of large data sets.
* Attention to detail and accuracy.
* Microsoft Office applications.
* Basic statistical techniques (an asset).

**Qualifications and Experience**

* University degree in Environmental Sciences, Physics, Chemistry
* Basic knowledge of radiation is an asset
* Excellent written and spoken English essential; fluency in any other IAEA official language (Arabic, Chinese, French, Russian, Spanish) an asset.

**Internships**

The IAEA accepts a limited number of interns each year. The internships are awarded to persons studying towards a university degree or who have recently received a degree (see Internship web pages for further details).

The purpose of the programme is:

* To provide interns with the opportunity to gain practical work experience in line with their studies or interests, and expose them to the work of the IAEA and the United National as a whole;
* To benefit the IAEA's programmes through the assistance of qualified students specialized in various professional fields.
* The duration of an internship is normally not less than three months and not more than one year.

**Applicant Eligibility**

* Candidates must be a minimum of 20 years of age and have completed at least three years of full-time studies at a university or equivalent institution towards the completion of a first degree.
* Candidates may apply up to one year after the completion of a bachelor's, master's or doctorate degree.
* Candidates must not have previously participated in the IAEA's internship programme.
* Good written and spoken English essential; fluency in any other IAEA official language (Arabic, Chinese, French, Spanish or Russian) an asset.
* Candidates must attach two signed letters of recommendation to their application.