**Internship – Food Authenticity Testing**

**Target Start of Internship**

12 months

**Organizational Setting**

Department: Nuclear Sciences and Applications

Division: Joint FAO/IAEA Centre of Nuclear Techniques in Food and Agriculture

Section: Food Safety and Control

Unit: Food Safety and Control Laboratory in Seibersdorf

**Main Purpose**

The main purpose of the internship is to assist with the development and validation of analytical methods for food safety testing.

**Tasks / Key Results Expected**

* Assist Food Safety and Control Laboratory (FSCL) staff with testing of food samples to provide data for the optimisation and validation of new analytical methods.
* Support the FSCL staff through routine testing of food samples according to standard operating procedures to provide analytical data to populate food authenticity databases.
* Assist in the compilation of databases of literature and analytical results.
* Support with the preparation of technical reports and scientific manuscripts for publication.

**Knowledge, Skills and Abilities**

* Chemistry or analytical Chemistry.
* Windows and Microsoft Office.
* Statistics.
* Knowledge of multi-variate statistics is an asset.

**Qualifications and Experience**

* University degree in Chemistry, Analytical Chemistry or a related field.
* Past experience in a laboratory environment.
* Good written and spoken English essential; fluency in any other IAEA official language (Arabic, Chinese, French, Russian, Spanish) an asset.

**Potential Institutions/Organizations that can be reach out to in order to attract potential applicants**

* Universities/institutes with curricula related to life sciences or food safety

**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, Russian, Spanish) an asset.
* Candidates must attach two signed letters of recommendation to their application.