**Internship – Food Authenticity Database**

**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 of a database of analytical data to support food authenticity testing.

**Tasks / Key Results Expected**

* Extract analytical data from previous and current Food Safety and Control Laboratory (FSCL) projects.
* Quality-control and sort data for compilation in a database or databases.
* Build searchable databases of analytical data and information.
* Build data models and test with analytical results from FSCL.

**Knowledge, Skills and Abilities**

* Multi-variate statistics.
* Windows and Microsoft Office.
* Database construction.
* Chemometrics is an asset.

**Qualifications and Experience**

* University degree in Analytical Chemistry, Computer Science, Statistics or a related field.
* Past experience in a laboratory environment is an asset.
* 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.