

**UNIVERSITY OF MARYLAND
COLLEGE OF AGRICULTURE AND NATURAL RESOURCES
JOINT INSTITUTE FOR FOOD SAFETY AND APPLIED NUTRITION**

POSITION ANNOUNCEMENT

**Chemistry Laboratory Instructor, JIFSAN International Food Safety Training Laboratory
Research Associate - Position # 117513
Full-Time Contractual**

JIFSAN, a joint program of the University of Maryland and the U.S. FDA, is seeking a Chemist for its newly established International Food Safety Training Laboratory. The JIFSAN International Food Safety Training Laboratory (IFSTL) is a cooperative venture of the University of Maryland Joint Institute for Food safety and Applied Nutrition (JIFSAN) and Waters Corporation. The mission of the IFSTL is to train domestic and foreign nationals in FDA and other acceptable food testing protocols involving chemical and microbiological contamination.

The successful candidate will work with the IFSTL Manager to train domestic and foreign nationals in fit-for-purpose analytical techniques and methodology required to carry out analysis of pesticides, veterinary drug residues, and mycotoxins in foods. Candidates should have knowledge and experience with modern analytical techniques such as LC and GC mass spectroscopy. Teaching experience and a second language are desirable.

The position is a renewable, non-tenure track, 12-month appointment with faculty rank.

The primary duties of the position are:

- Supervising the chemistry laboratory during training sessions and act as the primary instructor for up to ~20 laboratory training courses per year.
- In consultation with the Laboratory Manager, participating in the development of the IFSTL Chemistry laboratory program and learning goals for each laboratory course.
- Developing or improving experiments to achieve the course learning goals.
- Insuring that all experiments work as anticipated and can be performed concomitantly by 20 trainees.
- Preparing hand-outs, manuals and other course material in collaboration with outside trainers and the Laboratory Manager.

Other principle duties include:

- Coordinating the laboratory activities for Chemistry.
- Choosing the experiments and planning course syllabi in consultation with the Laboratory Manager and other JIFSAN staff.
- Preparing (writing and/or editing) the in-house lab manual; assuring that sufficient copies of the manual are available to the students before the training session begins.
- Working with the stockroom managers on campus and with vendors to assure that the appropriate equipment, chemicals and supplies for each experiment are available.
- Coordinating and supervising graduate teaching assistants when present.
- Carrying out IFSTL administrative and other duties as required

Required: Ph. D. degree in chemistry, food science or related field is required with experience in chromatography and mass spectrometry desirable. Knowledge of scientific computer systems and standard office software required. Good personal communication skills are essential.

Salary will be commensurate with experience and qualifications and includes a comprehensive benefits package. The Laboratory is located in M-Square, off campus of the University of Maryland in College Park, MD.

To apply go to: <https://jobs.umd.edu>, click on FACULTY and select position number 117513. Applicants should submit resume, cover letter, three references and unofficial Ph.D. transcripts. Open until filled. For further information email: jifsansearch@umd.edu.

**The University of Maryland is an Affirmative Action Equal Opportunity Employer
Women and minorities are encouraged to apply.**