

**UNIVERSITY OF MARYLAND
COLLEGE OF AGRICULTURE AND NATURAL RESOURCES
JOINT INSTITUTE FOR FOOD SAFETY AND APPLIED NUTRITION (JIFSAN)
COLLEGE PARK, MARYLAND**

POSITION ANNOUNCEMENT

Title: *Assistant Research Scientist*

Position Number: 123118

Category Status: *Faculty, Non-tenured, continuing and term contract, 1.0 FTE*

Unit: *Joint Institute for Food Safety and Applied Nutrition*

Position Summary/Purpose of Position:

JIFSAN, a joint program of the University of Maryland and the U.S. FDA, is seeking an Assistant Research Scientist to collaborate with CFSAN FDA Scientists to develop an antibody-based extraction method followed by mass spectrometric detection for the identification of bacteria in foods and food products as well as apply the developed method to complex food samples that contain a mixture of bacteria.

Responsibilities:

- Designing and carrying out LC/MS/MS experiments to identify unique peptide markers for bacteria in foods and food products.
- Applying data to create databases that can be utilized for differentiation of bacteria in foods and food products.
- Preparing manuscripts and presentations.

Qualifications:

- Ph.D. in Chemistry or related equivalent field.
- Possesses a minimum of five years post-doctoral experience with the application of mass spectrometry to proteomics.
- Extensive and demonstrated experience performing proteomic analysis using mass spectrometry.
- Full professional proficiency in English, written and spoken.
- Ability to operate and maintain a safe, accident-free laboratory environment, safely and properly operate specified laboratory instruments and equipment, and troubleshoot all equipment in the chemistry laboratory.
- Possesses a strong knowledge of mass spectrometric data handling and processing, a strong understanding of proteomic data analysis, and an intimate knowledge of mass spectrometry.

Salary & Benefits:

Salary will be commensurate with experience. The University of Maryland offers an extensive benefits package.

Application:

All candidates must apply online at <https://ejobs.umd.edu> . A complete application packet includes a cover letter, CV, unofficial academic transcripts, and three (3) professional references, including name, mailing address, telephone number, and e-mail address.

The University of Maryland, College Park, actively subscribes to a policy of equal employment opportunity, and will not discriminate against any employee or applicant because of race, age, sex, color, sexual orientation, physical or mental disability, religion, ancestry or national origin, marital status, genetic information, political affiliation, and gender identity or expression. Minorities and women are encouraged to apply.