

CENTER FOR FOOD SAFETY AND APPLIED NUTRITION

VACANCY ANNOUNCEMENT

Department of Health and Human Services (HHS)

Food and Drug Administration (FDA)

Center for Food Safety and Applied Nutrition (CFSAN)

Office of Regulatory Science (ORS)

**Senior Biomedical Research and Biomedical Product Assessment Service
(SBRBPAS)**

Position: Supervisory SBRBPAS Expert (Branch Chief)

Series: This is a scientific position to be filled in the physical sciences 1320-Chemistry series.

Location: College Park, MD

Opening Date: July 14, 2022

Closing Date: July 28, 2022

Salary Range: Salary is commensurate with education and experience.

Area of Consideration: Applications will be accepted from all qualified applicants. Qualified Individuals with disabilities or targeted disabilities, and veterans or military spouses are encouraged to apply for consideration.

Special Notes: This position will be filled under the Senior Biomedical Research and Biomedical Product Assessment Service (SBRBPAS) appointment authority. This is an Excepted Service position.

Position Summary: This position is located in the Department of Health and Human Services, Food and Drug Administration (FDA), Office of Regulatory Science (ORS), Division of Analytical Chemistry (DAC), Spectroscopy and Mass Spectrometry Branch (SMSB). The Division of Analytical Chemistry (DAC), conducts laboratory investigations in the broad areas of food additives, food packaging, process induced contaminants, allergens, protein toxins, bacterial identification, nanomaterials, dietary supplements, seafood toxins, food defense threat agents and industrial chemicals that may contaminate CFSAN regulated food and cosmetic products. The Division develops, extends, refines, and validates analytical chemistry-based methods for chemicals of regulatory interest in these broad areas. The Division reviews FDA regulatory analytical worksheets and provides

subject matter expertise to FDA field laboratories and compliance programs in matters related to detection and identification methodologies.

SMSB is responsible largely for planning, conducting and recommending research on developing, reforming and validating analytical methodology, including spectroscopy and mass spectrometry-based methods for proteins, allergens, food additives and packaging components or toxic contaminants which may be present in food; and for nutrient or non-nutrient components or contaminants which may be present in dietary supplements or their ingredients.

Duties/Responsibilities:

- Serves as a national and international expert authority within CFSAN and across FDA, by providing authoritative and specialized chemical expertise and analytical expertise in consulting on the development analytical chemistry methods for the detection, identification and quantitation of proteins, allergens, toxins and chemical contaminants in support of FDA regulatory responsibilities.
- Provides research leadership to professional personnel in several subdisciplines and technical leadership for the development of research plans or protocols, for troubleshooting experiments, and for general guidance in the successful execution of projects.
- Directs research on the characterization of nanomaterials in food additives and microplastics and bio-engineered proteins in foods.
- Oversees diagnostic method development and deployment for the area of the FDA's Foods Program, including all of the activities required for the successful development, validation, and implementation of detection methodologies for proteins, allergens, toxins and chemical contaminants.
- Supervises and leads the research of senior scientists, junior scientists, post-doctoral fellows, students, and technical/support personnel, and is responsible for the sound planning of, and execution of, multi-year or annual research programs and constituent laboratory experiments and assignments conducted by all members of the Branch.
- Provides primary leadership and oversight for food-safety analytical methods research in the Branch that is typically at the forefront of knowledge and includes new hypotheses, concepts and techniques.
- Serves as spokesperson for the Center during conferences and at seminars, workshops and advisory committees on matters related to regulatory analysis and method development in the areas spectroscopic and mass spectrometry-based confirmatory methods for proteins, allergens, food additives and packaging components or toxic contaminants which may be present in food; and for nutrient or non-nutrient components or contaminants which may be present in dietary supplements or their ingredients.
- Performs a variety of supervisory responsibilities to include but not limited to: 1) Implements goals and objectives of the Branch, including determining the Branch priorities that need additional emphasis, and planning for long range staffing needs. 2) Provide leadership and managerial guidance to all members of the Branch including senior scientists, junior scientists, post-doctoral fellows, students, and technical/support personnel in the areas of scientific program management, human resource management and general administrative management. 3) Conducts performance evaluation of staff, including resolving serious employee complaints and approving disciplinary actions. 4) Makes hiring selections for all positions within the Branch, as well as recommends awards or bonuses and changes in position classification 5) Identifies and eliminates barriers to efficient completion of

Qualifications:

1.To qualify for a SBRBPAS appointment, the individual must have a doctoral level degree in biomedicine or a biological related field, or a doctoral or master's level degree in engineering, bioinformatics, or a related or emerging field (to include chemistry) **and** meet the OPM Qualification Standards for a General Schedule (GS) 15 level position in the applicable professional or scientific series.

2.In addition, the individual must be considered as an expert in the following field:

Biomedical product assessment. An individual who is actively engaged in the development or assessment of biomedical products (including but not limited to experience in drugs, tobacco, biologics, devices and dietary supplement ingredients or food ingredients) and whose work in this area is considered by recognized experts or peers in the field of biomedical product assessment to be outstanding. One or more of the following achievements must be present to demonstrate the individual has received such recognition: the individual a) has significant experience dealing with complex, precedent-setting evaluation, scientific policies or development issues (e.g., those associated with novel biomedical products, novel approaches to biomedical product – manufacturing (including but not limited to experience in drugs, tobacco, biologics, devices and dietary supplement ingredients or food ingredients), or use of novel evaluation approaches to dietary supplements; b) demonstrated cutting- edge expertise in a scientific or technical discipline critical to design, development, manufacturing, safety assessment, or technical aspects of effective oversight of biomedical products, including but not limited to dietary supplement ingredients/products or food ingredients; c) received invitations to speak at or chair major national or international meets and symposia; or d) meets other criteria demonstrating sufficient rigor or accomplishment in a relevant or closely related activity or field that is necessary to the accomplishment of the FDA Center/Office's mission.

Mandatory Managerial/Executive Qualifications:

Candidates must have the ability to bring about strategic change, both within and outside the organization, to meet organizational goals; the ability to lead people toward meeting the organization's vision, mission, and goals:

- Ability to meet organizational goals and customer expectations.
- Ability to lead people towards meeting the organization's vision, mission, and goals.
- Ability to build coalitions internally and with other Federal agencies, Federal, state, and local governments, nonprofit and private sector organizations, foreign governments, or international organizations to achieve common goals.

Desirable Qualifications:

Candidates should have:

- Expert level experience that demonstrates sound judgment, strong leadership abilities in a scientific or public health environment;
- Demonstrate leadership competence and abilities to:
 - develop complex and basic program goals, and assure that agency goals and priorities are considered in carrying out and completing SMSB's responsibilities;

- direct and guide projects, including long-term and short-range planning;
- establish objectives and priorities;
- conduct periodic program assessments;
- plan and direct the work of a multidisciplinary scientific staff;
- Experience indicating the ability to communicate and effectively interact with high level government officials, the scientific/academic communities, medical or health related organizations, members of congress or top level representatives of counterpart Federal agencies, foreign government, officials, CEO level and senior representatives from regulated industry, other research stakeholders, consumer organizations, and the general public.

It is desirable that candidates have:

- Extensive knowledge in development analytical chemistry methods for the detection and identification of proteins, allergens, toxins and chemical contaminants;
- Practical knowledge of the application of FDA laws and regulations;
- Training, professional development, and outside activities that provide evidence of initiative, resourcefulness and potential for effective job performance such as invitations, presentations and international activities;
- Receipt of honors, awards or other recognition for scientific research performance or contributions based on managerial excellence.
- Professional leadership activities;
- Serves on the editorial board of a recognized journal or in a leadership role of a scientific/professional society or regulatory body.

Application Procedures:

Candidates must submit a resume/curriculum vitae and copy of transcripts by close of business (July 28, 2022) to: CFSANExecutiveRecruitment@fda.hhs.gov.

Individuals with disabilities or targeted disabilities, and veterans or military spouses may reach out to the FDA's Special Placement Program Staff at SpecialPlacementPrograms@fda.hhs.gov for assistance. You may be requested to provide supporting documentation, e.g., Schedule A letter, SF-256, Self-Identification of a Disability, DD214, SF-15, etc. during any stage of the application process.

Conditions of Employment:

Citizenship Requirement: You must be a U.S. Citizen to be considered for this advertisement unless explicitly stated otherwise.

Selective Service Registration: All applicants born male, on (or after) 12/31/1959, must be registered with the Selective Service System OR have an approved exemption. Visit www.SSS.gov for more info.

Supervisory/Managerial Probationary Period: This position is subject to a one-year supervisory/managerial probationary period. If already completed, you will not be subject to a new one.

Ethics Requirements: This position is subject to strict prohibited financial interest regulations which could restrict the type of financial interest (stock holdings) for the employee, the spouse, and minor children of the employee. Selectee for this position will be required to file a Confidential Disclosure Report (OGE 450) and may require the selectee to obtain clearance from the FDA Division of Ethics and Integrity before a final offer can be made. For additional information on the prohibited financial interests, please visit the FDA

Security and Background Requirements: If not previously completed a background security investigation will be required for all appointees. Appointment will be subject to the applicant's successful completion of a background security investigation and favorable adjudication. Failure to successfully meet these requirements may be grounds for appropriate personnel action. In addition, if hired, a background security investigation or supplemental investigation may be required at a later time. Applicants are also advised that all information concerning qualification is subject to investigation. False representation may be grounds for non-selection and/or appropriate disciplinary action.

Fair & Transparent

The Federal hiring process is setup to be fair and transparent. Please read the following guidance.

- [Equal Employment Opportunity \(EEO\) Policy](#)
- [Reasonable accommodation policy](#)
- [Financial suitability](#)
- [Selective Service](#)
- [New employee probationary period](#)
- [Signature and false statements](#)
- [Privacy Act](#)
- [Social security number request](#)