



Staff Fellow (Toxicologist/Analytical Chemist)

INTRODUCTION: The Center for Devices and Radiological Health ([CDRH](#)), a major regulatory component of the Food and Drug Administration ([FDA](#)) and the Department of Health and Human Services, is inviting applications for a Staff Fellow (Toxicologist/Analytical Chemist) in the Division of Biology, Chemistry, and Materials Science ([DBCMS](#)), Office of Science and Engineering Laboratories ([OSEL](#)). The division comprises wide-ranging expertise to address a host of issues stemming from chemical characterization of device materials, material performance, sterilization, infection control, biocompatibility and toxicology.

POSITION SUMMARY: DBCMS is recruiting a Staff Fellow with laboratory and hands on experience in Analytical Chemistry and Toxicological Risk Assessment. The candidates will apply mastery of principles, practices, and theories in the field of Toxicology and Toxicological Risk Assessment that enables the you to serve as a technical authority in the scientific analysis of the safety and effectiveness of medical devices.

DUTIES / RESPONSIBILITIES: As Staff Fellow, you will perform the following duties:

- Serve as a technical authority in the scientific analysis of the safety and effectiveness of medical devices; provide an authoritative analysis of scientific data submitted to the Agency; and provide - policy or consulting support for reviews of new medical devices in the area chemical characterization.
- Generate written technical and scientific documents for peer-reviewed publications and consulting support activities.
- Utilize expert scientific and technical knowledge to serve as an advisor or consultant on regulations and policies involving complex and high priority matters affecting the regulation of new medical devices.
- Prepare oral and written communications of review recommendations.
- Effectively communicate within FDA, with device manufacturers, and with other public health stakeholders.

PROFESSIONAL EXPERIENCE / KEY REQUIREMENTS: To qualify for this position, you must demonstrate in your resume the necessary experience for this position, which is equivalent to the following:

- Experience in analytical chemistry techniques such as gas chromatography-mass spectrometry (GC/MS), liquid chromatography-mass spectrometry (LC/MS), high-performance liquid chromatography (HPLC), and inductively coupled plasma mass spectrometry (ICP/MS) and their application in chemical characterization
- Experience planning and conducting research in one or more of the following areas: toxicological risk assessment, chemical characterization and method development, quantification methods in chemical characterization, and chemical equivalence studies related to medical devices.
- Knowledge of ISO 10993-18 and other medical device related standards, working experience preferred.
- Knowledge of the scientific principles and practices associated with designing experiments to address research topics in chemical characterization, material science and data science.
- Experience with accurate quantification of compounds, use of chemical equivalence studies as it relates to materials and manufacturing of materials, and use of chemical characterization methods and data science methodology as it relates to medical devices.

BASIC QUALIFICATIONS: Applicants must meet the specific qualification requirements of the following applicable occupational series: [Toxicology \(0415\)](#), [Bioengineering and Biomedical Engineering \(0858\)](#), [Chemical Engineering \(0893\)](#), [Chemistry \(1320\)](#).



ADDITIONAL QUALIFICATIONS: To qualify as a Staff Fellow, you must: be a US Citizen, Permanent Resident, or Non-Citizen with residency status in the U.S., three (3) out of the last five (5) years; possess a doctoral-level degree from an accredited institution of higher learning, including: Ph.D., M.D., D.V.M., D.D.S., D.M.D., Sc.D., or other research doctoral-degree widely recognized in U.S. academe as equivalent to a Ph.D.. (*In limited instances non-doctoral candidates, and/or candidates with less experience may be acceptable*).

CONDITIONS OF EMPLOYMENT

- One-year probationary period may be required.
- This position is for a **three-year** appointment and will be filled through [FDA's Staff Fellowship Program](#)
- Background and/or Security investigation required.
- Applicants who are U.S. Citizens and born male, on (or after) 12/31/1959, must be registered with the [Selective Service System](#) OR have an approved exemption.
- This position may require financial disclosure reporting and will be subject to FDA's prohibited financial interest regulation. If you are hired, you may be required to divest of certain financial interests. You are advised to seek additional information on this requirement from the hiring official before accepting any job offers. For additional information, please visit the [FDA Ethics and Integrity Office](#).

LOCATIONS: [FDA's White Oak Campus](#) in Silver Spring, Maryland

SALARY: Salary is commensurate with education and experience.

HOW TO APPLY: Prior to applying, please see the following instructions:

- Submit an electronic resume or curriculum vitae and a cover letter describing why you are uniquely qualified for this job.
- Include Job Reference code "**2020-OSEL-DBCMS-004**" in the email subject line.
- Email applicant package to CDRH-OSEL-Opportunities@fda.hhs.gov.
- Applications and all supporting documentation will be accepted through **July 11, 2022**.
- Visit [CDRH Jobs](#) to see additional opportunities.

HHS/FDA is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or protected veteran status.

