Mass Spectrometry/Metabolomics Research Scientist Position

**Division:** Chemical Sciences Division  
**Group:** Marine Biochemical Sciences (MBS)

**Description:** The National Institute of Standards and Technology (NIST) is the United States National Metrology Institute (NMI) whose mission is to promote U.S. innovation and industrial competitiveness by advancing measurement science, standards, and technology in ways that enhance economic security and improve our quality of life.

NIST Charleston, at the Hollings Marine Laboratory (HML) in Charleston, SC, oversees a significant mass spectrometry facility with the long-term vision of enabling innovation and optimization of tools that will accelerate biomolecular research. We are currently interested in expanding a core competency centered on mass spectrometry measurements. The successful candidate will develop a strategic plan utilizing current and future NIST mass spectrometry resources. Primary responsibilities are to design and guide cutting-edge scientific research in mass spectrometry in support of NIST measurement priorities, as well as, the HML partnership; develop technical solutions to complex problems, which require ingenuity and creativity; instrumentation upkeep; and strengthen and complement our highly collaborative team and existing capabilities that include metabolomics, lipidomics, proteomics, using multiple analytical platforms. Salary and rank will be dependent upon experience.

Analytical instrumentation includes Thermo Scientific Fusion Lumos orbital trap system and a Q-Exactive orbital trap, and two ABI quadrupole systems (Q-4000 and Q-3000).

**Requirements:**
- Education, experience, and skills relevant to a Ph.D. and 2 or more years of experience; Or relevant Master's Degree and 5 or more years of experience; Or relevant Bachelor's Degree and 9 or more years of experience.
- Background in theoretical and applied mass spectrometry
- Experience in management and maintenance of the instrument hardware and software
- Demonstrate leadership in project management
- Exhibits excellence in scientific dissemination and versatility of knowledge
- **U.S. Citizenship required for this Federal Government position**

Charleston SC is a vibrant and dynamic coastal city flanked by two rivers and near the ocean, which has long been famed for its warm hospitality. There are a vast array of things to do in Charleston, which includes art galleries, theatres, and museums, world-class restaurants, parks, magnificent beaches, gardens, and historically significant sites.

NIST EEO Policy is dedicated to the principles of equal employment opportunity. NIST promotes a work environment that does not discriminate against workers or job applicants and prohibits unlawful discrimination based on race, color, religion, sex, national origin, disability, age, marital status, ancestry, actual or perceived sexual orientation, or veteran status, including special disabled veterans.

To apply, please contact:

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https://www.nist.gov/mml/csdmarine-biochemical-sciences-group