

Job Title	Mass-Spectrometry Technician Specialist
PVN ID	GS-2301-005355
Category	Research
Location	The GRADUATE CENTER
Department	Structural Biology
Status	Full Time
Annual Salary	\$45,000.00 - \$55,000.00
Hour(s) a Week	35
Closing Date	Mar 12, 2023 (Or Until Filled)

General Description

OVERVIEW

Mass-Spectrometry Core facility at the City University of New York Graduate Center (<https://asrc.gc.cuny.edu/>) is opening a position for Mass-Spectrometry Technician Specialist in the field of biological mass-spectrometry.

The Core facility, which is one of the facilities within the Structural Biology Initiative at the Advanced Science Research Center (ASRC), actively participates in collaborative research and offers various mass-spectrometry based analytical services to laboratories within ASRC and beyond. Current services support projects from across structural biology, chemistry, and bio-nanotechnology areas. Examples include characterization of intact proteins, DNA, small molecule and complex peptide mixtures, MALDI-MS imaging of small molecules and lipids. Additionally, the Core offers fully supported techniques as hydrogen-deuterium exchange mass-spectrometry (HDX-MS), Online Size-Exclusion Native Mass-Spectrometry of protein-protein or protein-DNA complexes to researchers with projects related to higher-order structure of protein complexes.

The Core maintains ultra-high-resolution maXis-II/ETD ESI-q-TOF and Autoflex-Speed MALDI TOF-TOF mass-spectrometers, Dionex U(H)PLC and RS-nano-LC-systems, and Trajan's LEAP-HDX liquid handling robotics for hydrogen-deuterium exchange mass-spectrometry based experiments.

MINIMUM QUALIFICATIONS

BS or MS in Biology, Chemistry, Physics, or closely related fields. Relevant experience in application of LC/MS and/or any other mass-spectrometry based techniques is a plus.

EXAMPLES OF DUTIES

- Assist Facility Users with sample preparation, various LC-MS and HDX-MS data acquisition/analysis.
- Service sample analysis. Examples of the service sample analysis include (1) hydrogen-deuterium exchange and mass-spectrometry analysis (HDX-MS) of proteins; (2) LC-MS analysis of small molecules or peptide mixture
- Assist the Core's supervisor with preparation of research and administrative reports, SOP, and invoicing

for provided by the Core services

- Participate in the Core's collaborative research efforts; maintain literature awareness of research area
 - Assist in the maintenance of laboratory and instruments as applicable in the best possible order.
- Management of reagents/supplies/log-books. Adhere to standards for safety and hygiene and ethical conduct as defined by the University and relevant outside parties.

HOW TO APPLY

Please submit your Curriculum Vitae (or Resume), college transcript, and contact information for two professional references to the RF Careers page.

CLOSING DATE

Open until filled

Other Duties

Qualifications

MINIMUM QUALIFICATIONS

BS or MS in Biology, Chemistry, Physics, or closely related fields. Relevant experience in application of LC/MS and/or any other mass-spectrometry based techniques is a plus.