

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

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## Qualifications

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