

The Mass Spectrometry Core Facility at Columbia University in the Chemistry Department is seeking a full-time chemistry laboratory technician knowledgeable in mass spectrometry techniques and instruments. The successful candidate will be appointed at the rank of Staff Associate I for the period December 1, 2021 to November 30, 2022. The Mass Spectrometry Core Facility operates high-end instrumentation and provides leading-edge expertise for a wide range of applications. The Staff Associate I will assist the facility manager in all aspects of running the core facility.

Key Responsibilities:

- Participate in day-to-day instrument operation, maintenance, and troubleshooting
- Prepare samples to be run by liquid chromatography/mass spectrometry
- Perform and process high resolution mass spec data of submitted samples
- Maintain an inventory of supplies and reagents as necessary
- Sustain a safe laboratory working environment
- Enter data into laboratory notebooks and generate summary reports of the data
- Train students in instrument operation

Required Qualifications:

- A bachelor's degree in Chemistry or related discipline with 2-3 years of experience in mass spectrometry
- Ability to work independently as well as part of a team, flexibility to interact and work with scientists from different backgrounds
- Strong oral and written communication skills
- Familiarity with chemical compounds including synthesized organic compounds

Preferred Qualifications:

- Master's degree in Chemistry or related discipline
- Working knowledge in organic and/or analytical chemistry
- Research experience in synthetic chemistry and/or chemical biology
- Experience operating LC-MS and GC-MS
- Experience with MALDI
- Familiarity with mass spectrometry imaging
- Coding experience is a plus (Python, R, etc.)

Application Instructions

Please submit a CV and list of three references through Columbia's online system. For more information and to apply, please go to:

<http://apply.interfolio.com/97604>

Review of applications will begin immediately and continue until the position is filled.

Columbia University is an Equal Opportunity Employer / Disability / Veteran