

**Spectrometrist**  
School of Chemical Sciences  
University of Illinois at Urbana-Champaign

The School of Chemical Sciences (SCS) seeks a full-time (12-month) academic professional as a Spectrometrist. This position reports to the Director in the Mass Spec Facility and will assist the Director in the operation of the Mass Spectrometry Lab (MSL) by providing proficient and expert use in all the non-sector mass spectrometers.

**Major Duties and Responsibilities**

- Perform Matrix Assisted Laser Desorption Ionization (MALDI) service with the Bruker UltrafleXtreme and LCMS quantification service with Waters Quattro Ultima and other instruments in the lab.
- Perform instrument maintenance, such as cleaning the ion source, replacing consumable parts and other minor repairs as needed.
- Tune self-service instruments, especially a Bruker UltrafleXtreme to get the best performance for all self-service users.
- Serve as a resource for student, postdoc and faculty users by analyzing their needs for Mass Spectrometry and providing recommendations.
- Train student self-service users on MALDI and ESI instruments and answer their questions and help them analyze their samples and interpret the results.
- Maintain and update the Mass Spectrometry web page and lab management software such as ChemFom Stations.

**Qualifications**

*Required:*

- Master's degree in chemistry.
- Minimum of 2 years' of mass spectrometry experience.
- Well-developed interpersonal, oral, and written communication skills.
- Demonstrated ability to work in a team environment.

*Preferred:*

- PhD. degree in analytical chemistry or other relevant discipline with strong experience in Mass Spectrometry.
- Hands on work in MALDI sample analysis of large biomolecules and small molecules, MALDI imaging, MALDI instrument maintenance, especially with experience with Bruker MALDI instruments and Bruker Flex Analysis software.
- Hands on experience in LCMS/MS.

**Salary and Start Date:** Salary is commensurate with qualifications and experience.

**Starting date** is as soon as possible after closing date.

**Application Procedures:** For full consideration, please create your candidate profile at <https://jobs.illinois.edu> and upload your cover letter, resume, and contact information for three professional references by the closing date of Dec 2, 2016. Applicants may be interviewed before the closing date; however, no hiring decision will be made until after that date.

**For further information/questions:** Contact the SCS HR Office at [scs\\_hr\\_office@scs.illinois.edu](mailto:scs_hr_office@scs.illinois.edu) or 217-300-1637.

The University of Illinois conducts criminal background checks on all job candidates upon acceptance of a contingent offer.

*Illinois is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, religion, color, national origin, sex, sexual orientation, gender identity, age, status as a protected veteran, status as a qualified individual with a disability, or criminal conviction history. Illinois welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity. ([www.inclusiveillinois.illinois.edu](http://www.inclusiveillinois.illinois.edu)).*