The School of Chemical Sciences (SCS) seeks a full-time (12-month) academic professional as a Spectrometrist who 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 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 clean the ion source, replace consumable parts and other minor repairs as needed.
- Tune the self-service instruments, especially the Bruker UltrafleXtreme to get the best performance for all the self-service users.
- Serve as a resource for student, post-doctoral and faculty users by analyzing their needs for Mass Spectrometry and providing recommendations.
- Train student self-service users on the MALDI and ESI instruments and answer their questions and help them to 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’ experience in MALDI mass spectrometry.
- Well-developed interpersonal, oral, and written communication skills.
- Demonstrated ability to work in a team environment.
- Strong knowledge of MALDI of large biomolecules and small molecules.
- Knowledge of MALDI imaging and TLC MALDI.

*Preferred:*

- PhD in Chemistry or related field.
- Additional experience with ESI and proficiency with the following instruments is preferred: Thermo LTQ XL Orbitrap, Bruker UltrafleXtreme and Flex Analysis Software, Waters instruments.

**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](https://jobs.illinois.edu) and upload your cover letter, resume, and contact information for three professional references by the closing date of July 06, 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 sgs_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)).*