



RESEARCH ASSOCIATE

Shrewsbury, Massachusetts

A **Research Associate** position is currently available in the Mass Spectrometry Facility at the University of Massachusetts Medical School in quantitative proteomics. Located in Shrewsbury MA, the Facility provides both services and collaborative efforts within the Medical School, as well as to external academic and industry partners. The Facility supports a diversity of applications in quantitative proteomics, structural biology, metabolomics, small molecule quantitation, and mass spectrometry imaging. There are eight mass spectrometry platforms including two Thermo Orbitraps, two Q-TOFs (Waters, Agilent) and two triple quadrupole instruments (Thermo, Waters). We are looking for a highly motivated individual to contribute to a wide and diverse range of projects utilizing **quantitative proteomics** approaches to solve important biological problems. The successful candidate will specialize and be responsible for all aspects of method development, sample preparation, chromatography, data acquisition, data analysis and data interpretation using a diverse variety of mass spectrometry and software platforms. Responsibilities also include providing client/collaborator project support, effectively communicating project progress, writing technical summaries, participating in all aspects of publication and grant writing.

The successful candidate must be highly motivated, have outstanding organizational skills, and be interested in expanding his/her background while working in a fast-paced interdisciplinary analytical laboratory. A proven track record in publication and outstanding communication skills are essential for this position. Expertise with nanoflow LC-MS/MS is a must and proficiency in bioinformatics approaches including protein quantification, statistical analyses, and pathway analysis is required. Direct experience with data-independent acquisition methods are highly desired. Programming experience is considered an exceptional plus. Recent Ph.D. graduates are ideal for this position with 0 to 3 years of relevant working experience beyond degree desired. Highly effective oral and written communication skills are required along with a demonstrated ability to handle various projects simultaneously through multi-tasking and prioritization. Must be able to work in a team-oriented environment, demonstrate attention to detail and keep accurate laboratory records. As an equal opportunity and affirmative action employer, UMMS recognizes the power of a diverse community and encourages applications from individuals with varied experiences, perspectives and backgrounds. Review of applications will begin immediately and the position will remain open until filled. When submitting your resume, please include a cover letter detailing your interest in the position, your experience with proteomics and how the specifics of the opportunity fit with your career goals.

For consideration please contact Dr. Scott Shaffer: scott.shaffer@umassmed.edu