The new Mass Spectrometry Imaging Facility at the University of Texas at Austin seeks a postdoctoral fellow. The position will involve working with facility collaborators and clients for the design and execution of mass spectrometry imaging projects with a focus on cancer research applications. A major focus of the position will be the development and integration of UV photodissociation with MS Imaging. The position will also involve the development of new methods for analyte detection, both through sample preparation and instrumental tuning and modification. The successful candidate should be able to work efficiently on multiple projects with multiple collaborators and have excellent verbal and written communication skills.

A PhD in Analytical Chemistry or a related scientific field with an emphasis in mass spectrometry is required. The ideal candidate will have instrumentation development experience and some familiarity with lasers. Prior experience with biological samples (tissue/biofluids), and especially imaging, is preferred. Experience with statistical analysis of mass spectrometry data is a plus.

The Mass Spectrometry Imaging Facility is a fast-paced lab, exploring numerous clinical and preclinical studies. The facility offers both MALDI and DESI imaging of all types of molecules ranging from small metabolites to intact proteins. The facility works with both fresh frozen and FFPE tissue so the successful candidate will have exposure to a wide variety of sample preparation and analysis techniques. Projects within the facility are research-focused and will allow the opportunity for critical thinking and problem solving in order to produce top quality data.