

**Rabi Musah**  
**Chemistry**

**Sponsor:** National Science Foundation (NSF)

**Dates:** August 1, 2014 to July 31, 2017

**Amount:** \$153,322

**MRI: Acquisition of an Ambient Ionization Mass Spectrometer for  
Research and Teaching**

Based on our urgent and compelling needs, the Department of Chemistry at the University at Albany proposes to acquire a state-of-the-art JEOL high resolution AccuTOF™ Direct Analysis in Real Time (DART) mass spectrometer. The instrument, which will be used to advance federally funded research as well as educational goals for our undergraduate and graduate students, will be placed in the instrumentation center of the Chemistry Department. The mass spectrometer will not only enable us to employ the most modern research practices and to support the synthetic programs of the participating team-members, but will also significantly enhance our department's undergraduate/graduate teaching curriculum.