

Faculty Position
Mass Spectrometry and Metabolomics Academic and Core Director

The Department of Biochemistry and Molecular Biology at Michigan State University (MSU) in East Lansing, Michigan seeks applicants for a position at any rank, but particular consideration will be given to tenured candidates at the Associate Professor level or higher in **Mass Spectrometry and Metabolomics**. The successful candidate will carry out independent, innovative research in the application of mass spectrometry to biological systems and will also direct the world-renowned Research Technology Support Facility (RTSF) Mass Spectrometry and Metabolomics Core (<https://rtsf.natsci.msu.edu/mass-spectrometry/>). The MSU Core is a 2800 ft² facility with 13 mass spectrometers and 3 full time staff that have led the world in the analysis of small molecules and complex chemical mixtures since its establishment in 1973. The Core serves as an open-access laboratory supporting the research of about 150 groups each year.

MSU offers a vibrant, collegial, and collaborative environment with strengths in metabolic biochemistry research and a history of leadership in mass spectrometry.

The university seeks applicants eager to lead research that complements its initiatives in biomedicine, plant sciences, and environmental sciences. Outstanding opportunities for collaboration are available with researchers in the MSU Colleges of Human Medicine, Natural Science, Osteopathic Medicine, Veterinary Medicine, the DOE-Plant Research Laboratory, Michigan AgBioResearch, the Great Lakes Bioenergy Research Center, the Institutes for Quantitative Health Science and Engineering (IQ), Integrative Toxicology and Plant Resilience, and institutions in the Grand Rapids and Ann Arbor/Detroit metro areas.

Academic interests of candidates can be broad but should include a focus on advancing metabolomics methods and their application to biology. The candidate is expected to have an established independent research program with a track record of high-level publications and external support, interest in or experience with, managing mass spectrometry instruments and core staff, and extensive evidence of collaboration through mass spectrometry. Commitments to teaching (undergraduates, graduate students in biochemistry or related fields, and/or professional students in human or veterinary medicine), and to promotion of diversity and inclusion are expected. A generous startup package and modern laboratory space will be provided to help maintain an independent research program, secure extramural funding and advance the scientific and programmatic aims of the Core.

About East Lansing, MI

Michigan State University, a land-grant institution with more than 50,000 students, is located in East Lansing, MI. East Lansing is a vibrant college town and is ranked one of "Top 100 Best Places to Live". It is also conveniently located close to the state's capital, the city of Lansing, and its international airport. MSU lies in a region rich in natural beauty with the opportunity for many outdoor activities.

Applications should be submitted electronically as a single PDF at <https://jobs.msu.edu> (position number 685391) and include the following documents:

- Letter of interest
- Curriculum vitae, including past and current funding
- A vision of the RTSF core's operation and research goals (2 pages)
- A description of the applicant's future research goals (3-page limit)
- A teaching statement (1 page)
- A statement of experience with increasing diversity and inclusion (1 page)

- The names of three references.

Review of applications will begin March 1st, 2021. The position will remain open until filled.

Additional information can be obtained from the executive assistant to the search committee at clarkas@msu.edu.

MSU is an affirmative-action, equal-opportunity employer and is committed to achieving excellence through diversity. The University actively encourages applications of women, persons of color, veterans, and persons with disabilities, and we endeavor to facilitate employment assistance to spouses or partners of candidates for faculty and academic staff positions (<http://www.miwin.msu.edu/>). MSU is also committed to supporting faculty with work/life balance (<https://worklife.msu.edu/>).