

Faculty position in Biological Mass Spectrometry Michigan State University

This position is part of Michigan State University's Global Impact Initiative, which aims to recruit 100 top-level researchers to MSU over five years (see <http://research.msu.edu/global-impact>).

Michigan State University invites application for ***an academic year tenure stream faculty position, targeting the Assistant Professor level, in the Department of Biochemistry and Molecular Biology*** for individuals who use mass spectrometry to investigate important biological questions at the molecular level. Competitive candidates will lead research that complements one or more university initiatives in biomedicine, plant sciences, and environmental sciences, as well as departmental focus areas: genes and regulation, plant bioscience, and protein structure and biophysics. Applications are particularly encouraged from researchers whose interests include, but are not limited to: application of Metabolomics/Lipidomics/Fluxomics/Exposomics in metabolic engineering, synthetic biology, precision medicine, microbiomes, regulation of signaling in disease, and development of strategies that accelerate identification of novel biologically active metabolites including lipids.

Michigan State University offers a vibrant, collegial, and collaborative environment, with strengths in metabolic biochemistry research that span multiple disciplines, world-class core facilities, and a history of leadership in mass spectrometry.

A Ph.D. or equivalent degree and ≥ 2 years of postdoctoral research experience in Biochemistry, Chemistry, Molecular Biology, or closely related discipline and a strong record of peer-reviewed publication involving mass spectrometry are required. We encourage applications from individuals with potential to be leaders in their field. Candidates will be expected to establish a research program that attracts extramural funding and generates innovative research results of high significance. Applicants should demonstrate a strong record of academic achievement, commitment to research and teaching, provide evidence of potential to provide visionary intellectual leadership, engage in collaborative research, and inspire students to learn. Evidence of level-appropriate funding for applicants at the assistant professor level is desirable, and an active, extramurally funded research program is required for applicants at more senior levels. Salary, laboratory space, and start-up funds will be competitive and consistent with academic rank and experience.

To apply, applicants should provide curriculum vitae, a 3-5 page summary of research accomplishments and future research objectives, copies of 2-3 most significant publications, one-page statement of teaching philosophy and goals, and a list of three references in a single PDF document to the MSU Human Resources site at <http://careers.msu.edu/> (**posting #466964**). Inquiries may be directed to the Search Committee chair, Professor Dan Jones (jonesar4@msu.edu). Review of applications will begin **November 1** and continue until suitable candidates are identified.

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.