

Assistant Professor – Biological Control

Department of Entomology, Michigan State University

The Department of Entomology at Michigan State University seeks candidates for a tenure system position (9 months) in Biological Control at the Assistant Professor rank. We seek individuals with expertise in biological control of arthropod pests and/or weeds and supporting knowledge of insect pathology, predator-prey interactions, multi-trophic interactions, or integrated pest management. The successful candidate can apply genomic, molecular, quantitative or other methods to solving problems in biological control, at population, community, or landscape scales. The appointee will be expected to build a nationally prominent research program, as well as contribute to undergraduate and graduate teaching, extension and service.

The MSU Department of Entomology is a vibrant, growing, internationally recognized unit committed to interdisciplinary research, teaching and extension at local, regional, national and international levels. Our programs encompass basic and applied research on insects in diverse systems, including agriculture, forestry, medical/veterinary, and aquatic as well as an array of other ecosystems. Faculty in the department have strong ties to the Ecology, Evolutionary Biology, and Behavior program, the BEACON NSF Center for the Study of Evolution in Action, the NSF-funded KBS Long Term Ecological Research program, and other interdisciplinary programs across campus. The Department of Entomology includes 30 faculty, 40 graduate students, and 30 undergraduate majors and minors, with diverse interests spanning the spectrum from fundamental to applied studies.

Responsibilities: The position includes research (60%), teaching (25%) and extension (15%). The successful candidate will be expected to develop a nationally and internationally recognized research program by securing competitive external funding, publishing in peer-reviewed journals, and recruiting/mentoring graduate students. Michigan has large and diverse plant and animal agriculture sectors, an extensive natural resource base, and urban settings where biological control of arthropods and weeds can be applied. The successful applicant will oversee the department's BSL-2Ag quarantine/containment facility. A collaborative and multidisciplinary approach to research and problem solving with other scientists is expected. The successful candidate will teach a course on biological control and additional graduate or undergraduate courses related to their expertise and commensurate with a 25% teaching appointment, and develop an extension biological control program commensurate with a 15% extension appointment. They will also be expected to be active in department and university service, and professional service and outreach.

Qualifications: *Required:* Applicants must have a Ph.D. in entomology, biology, ecology, or a related discipline; demonstrated training and expertise in biological control of arthropods and/or weeds; and a record of scholarly activities in their field demonstrated by peer-reviewed publications and evidence of successfully funding research. *Preferred:* Postdoctoral and teaching experience with demonstrated applications for biological control.

Application: Review of applications will begin January 3, 2017, and will continue until a suitable candidate is selected. Applicants should submit a single PDF document that includes 1) a cover letter explaining their interest and suitability for the position, 2) curriculum vitae, 3) statement of research experience and future directions (2 pages), 4) statement of teaching experience and approach (2 pages), and 5) names and contact information of three professional references. Applicants can apply for this position at <https://jobs.msu.edu>, posting #4446. Inquiries can be directed to Dr. Douglas Landis, Search Committee Chair, by email (landisd@msu.edu).