

Assistant Professor – Tree Fruit Entomologist **Department of Entomology, Michigan State University**

The Department of Entomology at Michigan State University seeks candidates for a tenure-system position (12 month appointment) in Tree Fruit Entomology at the Assistant Professor rank. The position will focus on developing management programs for arthropod pests of tree fruits (apples, cherries, etc.) of economic importance in the Great Lakes region. Alternatives to conventional insecticides such as novel chemistries, biological control, mating disruption, cultural control, and introducing resistant varieties should be emphasized.

The Department of Entomology is a vibrant, growing, internationally recognized department committed to interdisciplinary research, teaching, and extension at local, regional, national and international levels. Programs encompass basic and applied research on arthropods in diverse systems including agriculture, forestry, aquatic systems, and many other settings. Further, the department has strong ties with grower organizations, private industry, state agencies, and federal agencies. The Department of Entomology includes 35 faculty, 40 graduate students, and 30 undergraduate majors/minors, with diverse interests that span fundamental to applied studies. The department and our College of Agriculture and Natural Resources (CANR) at Michigan State University are committed to achieving excellence by creating and sustaining an accessible and inclusive culture that values cultural and academic diversity. We are an equal opportunity/affirmative action employer and are particularly interested in candidates of all backgrounds who are committed to the principle that academic excellence is achieved through open access and proactive inclusion.

MSU faculty, students, and staff enjoy a park-like campus with outlying research facilities and natural areas across the state. The campus is located in East Lansing, Michigan adjacent to the capital city of Lansing. The regional metropolitan area has a diverse population of approximately 450,000 residents. Local communities have excellent school systems and place a high value on education. MSU is proactive about its obligations under the ADA and provides individual accessibility plans to students and employees with disabilities. Michigan State University is also proactive in exploring opportunities both inside and outside the University, for employment for dual career families and respects all family forms. Information about MSU's dual career support can be found at <http://worklife.msu.edu/dual-career>. More information about WorkLife at MSU can be found at <http://worklife.msu.edu>.

Responsibilities: This position/assignment includes research (45%), extension (45%), and teaching (10%), and the position will be expected to develop an internationally recognized program; secure substantial competitive external funding; publish in peer-reviewed journals; develop Extension educational materials; and recruit and mentor graduate students to graduation. This position will be expected to implement IPM systems and control strategies to mitigate the impacts of domestic and invasive arthropod pests while working with growers, Extension educators, private industry, and other stakeholders related to the tree fruit industry. In addition, the successful candidate will develop and teach an annual seminar course of their choosing. A collaborative and multidisciplinary approach to research and extension efforts is preferred. Expectations also include active department and university service, and professional service and outreach.

Qualifications: *Required:* Applicants must have a Ph.D. in Entomology, Ecology, or related discipline; demonstrated training and expertise in integrated pest management, applied ecology, chemical ecology, or other disciplines that have application in managing tree fruit pests or other arthropods of economic importance. We also expect applicants to have a record of scholarly activities in their field as demonstrated by peer-reviewed publications and clear evidence of research funding. *Preferred:* Postdoctoral experience with demonstrated expertise in integrating multidisciplinary areas of tree fruit entomology and a record of funding from competitive state, national and/or international agencies.

Application: **Review of applications will begin after November 15, 2021** and will continue until a suitable candidate is selected. Applicants must submit a single PDF document that includes: 1) a cover letter explaining interest and suitability for the position, 2) curriculum vitae, 3) statement of research experience and future directions (2 pages), 4) statement of extension experience and vision for influencing the future of tree fruit pest management (2 pages), 5) vision for supporting diversity in academia (1 page) and 6) names and contact information of three professional

references. Applicants must apply at careers.msu.edu, posting 736275). Inquiries can be directed to Dr. Christina DiFonzo, Search Committee Chair, by email (difonzo@msu.edu).