Post-doc Purdue Natural Enemies and Ecosystem Services

Natural enemies and ecosystem services in cucurbit production systems

Post-doctoral Research Associate in Entomology/Applied Ecology – two-year appointment in the Department of Entomology at Purdue University in West Lafayette, Indiana.

The successful candidate will evaluate ecosystem services provided by natural enemies in cucurbit production systems. This will include determining key natural enemy/pest interactions using combinations of field experiments and lab bioassays to measure pesticide exposure and predation/parasitism/pathogens with contemporary field, laboratory and molecular techniques. This research is part of a regional team effort working on the compatibility of cucurbit pest management practices and pollinator health.

A highly motivated recent Ph.D. in entomology or related discipline with a background in applied insect ecology, IPM, statistics and familiarity with molecular diagnostics. Experience using state-of-the-art techniques to elucidate trophic interactions/food webs, working in agricultural cropping systems - especially vegetables, peer-reviewed publications, successful grantsmanship, and strong communication skills is considered a plus. She/he must be able to work independently, contribute to a team effort, and plan and execute hypothesis driven research that leads to peer-reviewed publications. A valid driver’s license is required.

Position available January 1, 2018. Applications will be accepted until the position is filled. Send letter of interest, curriculum vitae and the names of three references to:

Steve Yaninek at yaninek@purdue.edu