



POSITION ANNOUNCEMENT

Title: Post-Doctoral Associate

Location: College Park, MD

Department: Entomology

Supervisor: Kelly Hamby

Salary: \$65,000 min. plus University benefits

(<http://uhr.umd.edu/benefits/>)

Category Type: Non-tenured, continuing contract (12 mo.)

Duration: 24 to 48 months contingent upon performance

Project. Addressing corn earworm management challenges in sweet corn

Position Description. I am seeking a project leader who will collaboratively develop and execute a project to improve corn earworm management in sweet corn. This migratory and highly polyphagous herbivore serves as a great model to ask questions about climate change's impact on species distributions, spatiotemporal patterns in tri-trophic interactions, plant defense, and evolutionary ecology/adaptation. The project involves a large interdisciplinary team asking a multitude of questions including analysis of preexisting data sets and the opportunity to develop new manipulative experiments at local or regional scales. The post-doctoral scholar may be responsible for data analysis, reporting, communication of results to scientific and stakeholder audiences, as well as mentorship and management of undergraduate researchers and other project personnel.

Professional development opportunities. This position provides opportunities to collaborate with colleagues including the Northeastern Integrated Pest Management center, the Southern Integrated Pest Management center, Cornell, Cornell Cooperative Extension of Suffolk County, Virginia Tech, North Carolina State University, and University of Delaware and provides flexibility in research directions and disciplinary focus including ample opportunities for science communication activities, mentorship of students, networking and other professional development opportunities. See mutual expectations for additional details (<https://hambylab.weebly.com/>).

Department of Entomology. The University of Maryland Entomology Department has internationally recognized strengths in basic and applied ecology, genetics, genomics, evolutionary biology, and integrated pest management. Existing campus programs in the geographical sciences, earth and atmospheric sciences, and computational biology complement these strengths. Department members collaborate extensively with NIH, the U.S. Department of Agriculture, the Smithsonian and other local agencies. The University's proximity to Washington, D.C. offers diverse opportunities for partnerships with governmental and non-profit organizations and research groups.

Minimum Requirements. Ph.D. in ecology, entomology, plant sciences, biology, or related fields. Ability to work independently and proactively manage field, greenhouse, and laboratory

projects. Strength in experimental design and statistical analysis. Candidates should be able to communicate effectively both in speaking and writing as well as work collaboratively with growers, extension agents, and other team members. A U.S. driver's license and confidence driving F150 trucks.

Preferred Qualifications. Mentorship and project management experience, interest and/or experience in project coordination, administration, and extension. Project experience in herbivore-plant and/or tritrophic interactions in terrestrial systems.

Closing Date. For best consideration apply by **August 15, 2024**. Applications will be accepted until a suitable candidate is selected.

Applications. Interested applicants should send a cover letter, CV/resume, and a list of 3 references to Kelly Hamby (kahamby@umd.edu).

The University of Maryland, College Park, actively subscribes to a policy of equal employment opportunity, and will not discriminate against any employee or applicant because of race, age, sex, color, sexual orientation, physical or mental disability, religion, ancestry or national origin, marital status, genetic information, political affiliation, and gender identity or expression. Minorities and women are encouraged to apply.