



Postdoctoral Research Associate Guédot Entomology Laboratory

A postdoctoral position is available in the Department of Entomology at the University of Wisconsin-Madison in Madison, WI focusing on the use of semiochemicals to refine management strategies for insect pests of apple. This work involves collaborating with a diverse group of researchers within the USDA SCRI funded project “Cultivating Tomorrow’s Orchard: Evolving and Enhancing IPM in Eastern Tree Fruit Systems”.

The postdoctoral researcher will refine the use of semiochemicals in the implementation of mass trapping and mating disruption to manage Lepidopteran insect pests of apple. The researcher is expected to lead the research and to develop methods to improve the use of mating disruption in apple orchards, develop the use of kairomones, and identify new semiochemicals to optimize the implementation of mass trapping and mating disruption in apple orchards.

We are looking for a highly motivated and independent researcher who will be able to manage this project in Wisconsin and balance field work with laboratory assays. The researcher is expected to use and maintain analytical chemistry equipment, conduct behavioral assays, conduct analytical chemistry analyses, and conduct field evaluations of semiochemicals. The researcher will be responsible for supervising undergraduate students, designing and conducting the research, analyzing the data, and reporting research results in peer-reviewed publications under the supervision of Dr. Christelle Guédot.

The position will be at the University of Wisconsin in Madison in the Department of Entomology in the Guédot’s Laboratory (<https://guedotlab.russell.wisc.edu>).

Applicants must have received a Ph.D. in entomology, ecology or a related field with demonstrated experience in chemical ecology and entomology. The Ph.D. must have been obtained within the past 2-3 years and the candidate should have less than 3 years postdoctoral experience. Applicants must have strong English writing and oral communications skills, strong organizational skills, and a clean driving record. Demonstrated record in writing peer-reviewed publications, being comfortable working independently and collaboratively with other researchers and with grower-cooperators, and supervising undergraduate students is expected.

The position is available for 3 years, with annual renewal dependent on performance and progress made by the individual. This position includes salary and full benefits including paid annual leave and parental leave.

UW-Madison is an affirmative action/equal employment employer and we encourage women,

minorities, veterans, and people with disabilities to apply. The Guédot lab is committed to recruiting, supporting, and mentoring members of diverse backgrounds and experiences.

Deadline for application: For full consideration, submit applications by September 30, 2024 (applications will be considered as they are received and until position is filled).

Anticipated Start Date: February 1, 2025.

To apply: Interested applicants should submit a single PDF file including: 1) a statement of research experience, interests and career goals with an emphasis on experience in chemical ecology, entomology, publishing scientific articles, and supervising students, 2) a curriculum vitae including complete list of publications, and 3) names, email addresses, and phone numbers for three references to Christelle Guédot at guedot@wisc.edu.

For further inquiries, please do not hesitate to contact Christelle Guédot at guedot@wisc.edu.