



WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON

Postdoctoral Research Associate
Fruit Crop Entomology Laboratory



A postdoctoral position is available in the Department of Entomology at UW-Madison to study behavioral management and chemical ecology to refine management strategies for insect pests of Wisconsin berry crops. The postdoctoral researcher will refine the implementation of mass trapping using semiochemicals as a management strategy for social wasps, by assessing the optimal distribution and trap density within commercial vineyards. Another project will focus on determining whether *Systema frontalis* (red-headed flea beetle), an emerging pest in cranberry, communicates using aggregation pheromones. This project will determine whether both sexes produce and/or are attracted to aggregation pheromones and whether host plants are essential in the production of the pheromones.

We are looking for a motivated and flexible researcher who will be able to manage these two projects and balance field work with laboratory assays. The researcher is expected to lead these two projects and to develop methods to identify the aggregation pheromone for the flea beetle. The researcher will be responsible for supervising undergraduate students, designing and conducting the research, analyzing the data, and reporting results in peer-reviewed publications.

The position will be at the University of Wisconsin in Madison in the Department of Entomology in the Guédot's Fruit Crop Entomology Laboratory
(<http://labs.russell.wisc.edu/fruitcropentomology/>)

Ideal candidates should have a Ph.D. in entomology, ecology or a related field with demonstrated experience in chemical ecology as well as on-farm field research. Demonstrated record in writing peer-reviewed publications, being comfortable working independently and with grower-cooperators, and supervising undergraduate students is expected. Funding is available for 1.5 years with the possibility to extend based on performance and funding.

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 May 21, 2021 (applications will be considered as they are received and until position is filled).

Anticipated Start Date: June 15, 2021.

To apply: Interested applicants should submit a statement of research interests and experience, current CV, contact information for three references, and copies of three recent publications to Christelle Guédot at guedot@wisc.edu.

For further inquiries, please contact Dr. Christelle Guédot at guedot@wisc.edu.