

Postdoc position in Microbial ecology/Chemical ecology

Position:

This is a postdoctoral associate appointment at the US Pacific Basin Agricultural Research Laboratory, USDA-ARS, Hilo, HI 96720. This is a one year appointment with potential to extend upon successful performance.

Available:

As early as November 1, 2020, but flexible

Description:

We seek to hire a postdoctoral associate to increase our understanding of the microbial ecology of fruit flies and to explore functional roles of microorganisms on insect behavior and fitness. One of main areas of emphasis for this position will be to identify microbial odor based chemical attractants and repellents for *Bactrocera* fruit flies and develop semiochemical based behavioral management tools. The successful candidate will take a lead role in identification and culture of microbes isolated from fruit flies and host plants of the flies, selective manipulation of microbes to determine the role of different microbes on important behaviors of the flies, collection and analysis of microbial volatiles, and behavioral testing of identified volatiles for fly behavior. There will be opportunities to develop independent and collaborative research.

Qualification:

The position requires a PhD in microbiology, ecology, entomology, or related fields with experience in microbial ecology, chemical ecology, and/or insect behavior. Candidates should have strong interpersonal and communication skills, excellent oral and written communication skills and the ability to work independently and as part of a team.

There is no citizenship requirement for this position.

Salary:

Salary commensurate with experience with an excellent benefits package.

Application:

For more information, contact Dr. Dong Cha at dong.cha@usda.gov. To apply, send letter of interest, CV, and names and contact information of 3 references to the email above. Review of applications will begin October 15 and continue until a suitable candidate is found.