

Job Announcement: Post Doctoral Associate

Job Summary: The Department of Entomology at the University of Maryland, invites applications for a Post Doctoral Associate in Community Ecology of Forest Arthropods. The incumbent will work with Dr. Daniel Gruner on several projects with theoretical and applied foci: (1) community-level biological control by natural enemies of the emerald ash borer in mid-Atlantic states, (2) spatio-temporal drivers of arthropod diversity on a chronosequence of forested sites in the Hawaiian Islands. The interdisciplinary nature of this research will provide opportunities for the postdoc to work with collaborators from the USDA Agricultural Research Service, the US Forest Service, and the University of California-Berkeley, among others.

Primary responsibilities will include analysis of existing datasets, authorship of peer-reviewed articles, communication of findings in reports and at professional meetings, development of grant proposals, and management of existing research projects. All data would be available to the postdoc to develop their own analyses for publication in peer-reviewed scientific journals consistent with project goals. Incumbent would work out a postdoctoral research and mentoring plan in collaboration with Dr. Gruner and partners.

Qualifications: Candidates must have a Ph.D. in biology, ecology, entomology, forestry or a closely related field, experience and expertise with ecological models and statistical analyses using R, and excellent written and verbal communication skills. Preferred candidates additionally will have some of the following strengths: experience working with diverse arthropod taxa in the lab and field; experience with ecological "big data" and with geospatial and computational methods; demonstrated commitment to reproducible and open science; prior success in working with teams and an interest in mentoring students; and a strong track record of peer-reviewed publication.

Application Details: This position is based at the College Park campus of the University of Maryland and includes competitive salary (minimum \$47,476/yr) and health benefits. This is a full-time, 12-month, 1-yr position. Reappointment is available for up to 3 years, conditional on satisfactory performance and the availability of funds. Review of applicants will begin immediately and the position will remain open until a suitable candidate is identified. All applications received on or before 10 August 2018 will be guaranteed consideration. The position will begin after 1 September 2018. Interested candidates should send (1) an email describing their research interests and qualifications along with (2) a CV, (3) 1-2 representative publications, and (4) a list of 3 references to Daniel Gruner (dsgruner[AT]umd.edu). A single combined PDF file would be ideal.

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