



May 26, 2023

We seek a **postdoctoral researcher** in the [lab of Dr. Daniel Gruner](#) in the [Department of Entomology](#), University of Maryland – College Park. As part of a collaborative effort with the USDA (ARS, APHIS, and Forest Service), the incumbent will examine the efficacy and impact of a national biological control program targeting the invasive emerald ash borer. This project develops and extends novel analytical approaches leveraging data from a national geospatial database for the release and recovery of parasitoids for biological control, the US Forest Inventory and Analysis program, and other open data on land use and climate.

Required Qualifications: Ph.D. in ecology, entomology, forestry, data science, or a related field by August 2023; demonstrably strong writing, statistical, analytical, and data-wrangling skills; experience working with large datasets and/or at large spatial scales; scripting and programming ability (i.e., R, python, SQL); evidence of a growing publication record consistent with the candidate's career stage; and the ability to work independently and collaboratively.

Additional attributes we value include curiosity, creativity, flexibility, a passion for inquiry, and a personal commitment to diversity, equity, and inclusion.

Responsibilities: The incumbent will be responsible for: 1) managing and assimilating diverse data streams and performing novel modeling and statistical analyses; 2) publication of ongoing and novel research projects; 3) co-mentoring undergraduate and graduate students; and 4) presenting results at professional meetings.

Other opportunities exist for ecological fieldwork, lab studies, and the analysis and publication of existing ecological datasets.

This is a full-time, 12-month position with benefits, renewable given satisfactory performance and the availability of funds. Salary is competitive and commensurate with experience. Given the primary focus on data science, modeling, and writing in this position, remote work is a possibility for the right candidate. Please indicate your preference in your cover letter.

To apply, email the following to Dr. Daniel Gruner <dsgruner@umd.edu>: 1) a cover letter that describes your research experience, qualifications, specific interests, and professional goals; 2) your CV; and 3) contact information for 3 references.

Review of applications will begin June 15, and applications will be considered on a rolling basis until a suitable candidate is identified. Preferred start date is September 1, 2023.

The University of Maryland, College Park, an equal opportunity/affirmative action employer, complies with all applicable federal and state laws and regulations regarding nondiscrimination and affirmative action; all qualified applicants will receive consideration for employment. The University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, national origin, physical or mental disability, protected veteran status, age, gender identity or expression, sexual orientation, creed, marital status, political affiliation, personal appearance, or on the basis of rights secured by the First Amendment, in all aspects of employment, educational programs and activities, and admissions.