

Postdoctoral position in Agroecology at New Mexico State University

The Ramirez Lab at New Mexico State University (<https://ramirezlab.weebly.com/>) seeks a postdoctoral researcher to join the Department of Entomology, Plant Pathology, and Weed Science. Our research focuses on plant-arthropod interactions in agricultural systems and looks to highlight New Mexico's diverse agriculture. Given the southwest's exposure to drought and extreme temperatures, we investigate how arthropods respond to plant water-stress conditions and how this impacts plant-herbivore and predator-prey interactions. An ongoing project investigates the impact of abiotic factors on the phenology of herbivore and predatory insect communities in the pecan system and how related changes impact herbivore suppression. The candidate will be expected to conduct field, greenhouse, and lab studies leading to research publications by incorporating their expertise to address research objectives. In addition, the candidate will have the ability to participate in extension outreach events and assist in outreach publications.

Responsibilities:

The responsibilities of the position include data analysis and writing, designing, developing, and conducting research. The postdoc is expected to be heavily involved in analyzing data and writing for peer-reviewed publications, and grant reports. The position will include field work and associated data collection on herbivore and predator communities, with a focus on high quality data collection. The postdoc is also expected to be heavily involved in project management. Here, the position will assist in supervising and mentoring undergraduate and graduate students and ensuring high standards.

Minimum qualifications:

PhD in Entomology, Ecology, Plant Sciences or related field

Effective written and verbal communication skills

Ability to work independently and collaboratively as part of a team

Preferred qualifications:

Expertise in a novel skill set that complements plant-arthropod interactions (e.g., landscape modeling, chemical ecology tools; but not limited to these examples).

The position includes a competitive salary commensurate with experience and education, plus benefits. Review of applications will begin immediately and continue until the position is filled. We look forward to the postdoc joining the lab for the 2024 field season. Visit <https://eppws.nmsu.edu/> to learn more about the department. Please send a letter of interest and a CV that includes contact information of three references to Dr. Ricardo Ramirez ricarami@nmsu.edu.