

Postdoctoral Research Position in Insect Ecology

Position description:

A 2-year postdoctoral researcher position is available to work in the laboratory of Jay Rosenheim, University of California, Davis, on the population and community ecology of cannibalism in predatory insects. The research project is funded by a USDA-NIFA grant (2009-2013) whose goals are to deepen our understanding of how cannibalism shapes (i) predation risks experienced by individual predators, (ii) predator population growth rates, (iii) predator suppression of herbivore populations, and (iv) plant (crop) performance. A key part of the project will involve conducting artificial selection to establish lines of an omnivorous predator (*Geocoris pallens*) that express high and low levels of cannibalism, and then employing those lines in field experiments. There is, however, substantial flexibility for the postdoctoral researcher to develop his/her own particular interests in the behavioral, population, or evolutionary ecology of cannibalism in insects.

The position is available starting February 1, 2011. The initial appointment will be made for one year, with renewal contingent on satisfactory progress. The salary range will be \$37,740 - \$43,295, depending on experience, and the appointment also provides full medical coverage and vacation benefits.

For information on the Rosenheim lab, please see

<http://entomology.ucdavis.edu/faculty/rosenheim/Welcome.html>

Qualifications:

1. A Ph.D. degree in ecology, entomology, or related discipline. 2. A proven ability to work as a productive and independent researcher. 3. An ability to supervise effectively the undergraduate research assistants or other research staff members who will collaborate on the project. 4. Familiarity with the behavior and ecology of predatory insects will be helpful, but is not an absolute requirement.

To Apply:

Please send to Jay Rosenheim (jarosenheim@ucdavis.edu) a single .pdf document, including the following:

- a cover letter explaining your interest in the position
- a CV
- names of three persons who can be contacted for a reference letter