

July 2, 2013

## Postdoctoral Researcher – Systematics of Heteroptera

### Heteropteran Systematics Lab @ UCR

University of California, Riverside

A postdoctoral position in systematics of Heteroptera, with emphasis on Reduviidae, is available in the Weirauch Lab (<http://heteroptera.ucr.edu/>), Department of Entomology, University of California, Riverside. The postdoc will engage in research on the phylogenetic systematics of selected assassin bug subfamilies and on phylogenomic studies across Reduviidae. Subfamily-level analyses will build on existing datasets and aim on constructing and analyzing comprehensive, multi-gene molecular phylogenies of the charismatic Emesinae, or thread-legged bugs, the Peiratinae, the corsairs, and the Harpactorinae. The selected candidate will be involved in ancestral state reconstruction of predation techniques (Emesinae, Harpactorinae) and genitalic asymmetry (Peiratinae), and investigate biogeographic patterns and divergence times. Phylogenomic efforts will focus on establishing workflows and generating a transcriptome dataset that will contribute to revealing relationships among the poorly resolved Higher Reduviidae (Hwang & Weirauch, 2012: <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0045523>).

Candidates must have a PhD in insect systematics and a strong record of accomplishment in DNA sequencing, molecular phylogenetic analyses, ancestral state reconstruction, divergence dating, biogeographic analyses, and/or phylogenomic techniques. Background in systematics of Heteroptera or Hemiptera is preferred, but not required. Excellent communication, team-building and student mentoring skills are important for this position. The preferred starting date is September 15, 2013 or shortly thereafter. Initial appointment is for one year, but funds are available for up to three years pending appropriate progress. The position comes with standard University of California, Riverside benefits for postdoctoral researchers.

The application should include a cover letter describing relevant experience and fit to the position, a curriculum vitae, and contact information for three references. Please send applications to: Christiane Weirauch, Department of Entomology, University of California, Riverside, 900 University Avenue, Riverside, 92521 CA, USA; [christiane.weirauch@ucr.edu](mailto:christiane.weirauch@ucr.edu). The initial **application deadline is August 1, 2013**, but application review will continue until the position is filled.