

Postdoctoral Position at North Carolina State University

Title: Consequences of urban and global warming for arthropod ecology and evolution

Description: One postdoctoral position will be available beginning as soon as January 2012 to work in the lab of Steve Frank in the Department of Entomology at North Carolina State University. Funding will be to work on a project that examines the consequences of urban heat islands and global climate change for arthropods of societal or economic importance. The study design will include both large observational studies and controlled experimental manipulation to uncover ecological phenomena and the mechanisms behind them. The project may include work to compare arthropod responses in urban environments to large experimental warming chambers in the forest understorey. Study organisms can be selected to accommodate goals of the project and expertise of successful the candidate. Depending upon early results, a genetic component to this study is also possible (in collaboration with Nadia Singh in the Department of Genetics) as would be a modeling and/or macroecological component (with Nick Haddad in the Dept. of Biology). Opportunities also exist for collaborative outreach through the southeastern Climate Science Center and the Nature Research Center.

Minimum Experience Education: Ph.D. in biology, entomology or related field. A valid driver's license is required. NC Driver's license required within 60 days of hire.

Preferred Experience, Skills, & Training:

Expertise in arthropods, urban ecology, or climate change of particular interest. The applicant's CV should indicate evidence of strong scholarship, including peer-reviewed publications, particularly in high ranked journals and show strong evidence of the ability to finish projects.. The successful candidate must be able to interact with a diverse research group and including intra- and inter-institution collaborations.

Length of appointment: Job opens January 1, 2012 and we would like to fill it as soon as possible. Review of applications will begin November 10, 2011 though applications will be accepted until a suitable candidate is found. Position appointment will last for one year from starting date, with possible renewal based on performance and funding.

Salary: \$36,000

Application Procedure: Submit a 1) CV, 2) cover letter describing research interests and experience, 3) names and email addresses of three references, and 4) a separate proposal (<600 words) of research they would like to complete in the framework outlined above. Submit complete application package by email to Steve Frank at sdfrank@ncsu.edu.

North Carolina State University is an Equal Opportunity and Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, age, veteran status, or disability. In addition, NC State welcomes all persons without regard to sexual orientation. The University strongly encourages all qualified applicants to apply. Individuals with disabilities desiring accommodations in the application process should contact Steven Frank sdfrank@ncsu.edu or (919) 280-8623.