

## **Postdoctoral Position: Consequences of urban and global warming for plant-arthropod interactions**

One postdoctoral position is available immediately to work in the lab of Steve Frank (<http://ecoipm.wordpress.com/>) in the Department of Entomology at North Carolina State University. Research will be conducted as part of a collaborative group that includes Rob Dunn (Department of Biology; <http://robdunnlab.com/>), Meg Lowman (Nature Research Center), Nick Haddad (Department of Biology), Nadia Singh (Department of Genetics). Funding will be partially or fully to work on a project that examines the consequences of urban heat islands and global climate change for arthropods of conservation, economic, or human health importance. The warmest parts of Raleigh, North Carolina and Manhattan, two of the current study areas, are already as much as 10 degrees C warmer than adjacent natural areas. Large observational studies (across cities) and controlled experimental manipulation in large-scale outdoor climate chambers may be used to uncover ecological responses to warming and the mechanisms behind them. Herbivorous arthropods are of particular interest but study organisms but can be selected to accommodate goals of the project and expertise of successful the candidate. Ongoing work in the group includes research on scale insects, mites, butterflies, ants, flies, and crickets.

**Minimum Experience Education:** Ph.D. in ecology, evolution, biology, entomology or related fields. The applicant's CV should indicate evidence of strong scholarship, including peer-reviewed publications in high ranked journals. 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 in high ranked journals. The successful candidate must be able to interact with a diverse group of researchers and students and benefit from intra- and inter-institution collaborations. The candidate should show strong evidence of the ability to finish projects.

**Length of appointment:** Job can be filled immediately. Review of applications will begin March 5 though applications will be accepted until a suitable candidate is found. Appointment is planned for two years pending annual performance review.

**Application Procedure:** Submit a CV, cover letter, names and email addresses of three references to Steve Frank at [sdfrank@ncsu.edu](mailto:sdfrank@ncsu.edu). Cover letter should include a description of research interests and experience AND a separate proposal (<600 words) of research they would like to complete in the framework outlined above.

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](mailto:sdfrank@ncsu.edu) or (919) 818-4150.