Postdoctoral associate in plant population ecology – Duke University

A multi-university, collaborative research project focusing on the metapopulation dynamics of three threatened species (a bird, a butterfly, and a plant) seeks a postdoctoral associate with research experience collecting plant demographic data in the field, and using those data to construct and analyze structured population models (e.g., projection matrix or integral projection models). Qualifications include a Ph.D. in Ecology or related fields and evidence of strong research productivity.

The postdoc will be responsible for: 1) overseeing a multi-population field demographic study of Venus flytrap plants in North Carolina (its native range), 2) using the data to identify environmental drivers of demography; 3) examining patterns of synchrony between populations; and 4) using population models to inform management.

Opportunities will be available for the postdoc to establish their own side projects related to the overall goals of larger project, as well as to collaborate on synthetic research involving all three focal species. The postdoc will also assist the lead PI (William Morris) in overseeing the larger project. A copy of original proposal describing the project can be obtained by emailing William Morris (wfmorris@duke.edu).

Salary and benefits are commensurate with Duke University standards for postdoctoral associates. The position will last for up to three years.

Applicants should submit a CV, statement of research interests, and contact information for three people who can serve as references. Applications must be submitted through AcademicJobsOnline.org, where the Position ID is #12605. Review of applications will begin on Nov. 15. The position could begin as soon as Dec. 1, 2018, but qualified applicants who will not complete their dissertations until the end of Spring 2019 are encouraged to apply, as hiring will be delayed for exceptionally qualified candidates.

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