Postdoc in Bat Spatial Ecology and Modeling

Postdoctoral Position in Bat Spatial Ecology and Modeling with Dr. Jeff Foster at the University of New Hampshire (fozlab.weebly.com), Dr. Erik Blomberg (UMaine) and Dr. Dan Linden (NOAA Fisheries).

Salary: $50,000; Full-time 12 month grant-funded position. Includes health benefits. Start Date: Somewhat flexible but as early as 07/01/2017 Last Date to Apply: 06/15/2017

Project will involve modeling the distribution of northern long-eared bats and other bat species in New England, with an emphasis on habitat use by bats in forested environments along transportation corridors. Bat detection data (primarily acoustic) will be synthesized from state transportation agencies and other sources, and used to develop predictive model(s) of bat distributions that can be used for planning purposes. There will also be an opportunity to explore novel developments in wildlife modeling (e.g., data integration techniques, methodological questions, spatio-temporal processes). We anticipate the work will result in one or more peer-reviewed manuscripts, and the successful applicant will have the opportunity to interact and network with a variety of stakeholders (e.g. agency biologists) throughout the Northeast.

Qualifications
Required: 1) PhD in Wildlife Biology, Natural Resources, Ecology or related fields. 2) Experience with statistical modeling of ecological processes, including animal resource selection, occupancy, and/or mark recapture. 3) Demonstrated skills in GIS and analysis of spatial data. 4) Strong written and oral communications skills. 5) Ability to work independently and as part of a team.

Desirable: 1) Diverse experience with wildlife survey techniques. 2) Ability to handle adversity associated with messy datasets. 3) Proficient R programming skills. 4) Demonstrated publication record.

Please submit via email a cover letter, CV, and contact information for 3 references to Jeff Foster (jeff.foster@unh.edu). Put "Bat Postdoc" as your subject heading. Review of applications will begin immediately and will continue until position is filled. Start date is negotiable, ideally starting between July 1 and September 1, 2017 and will run for 1 year. Duty station is also flexible, either Durham, NH or Flagstaff, AZ.