

**Postdoctoral Researcher in Ecological Modeling and Citizen Science
Department of Ecology and Evolutionary Biology, University of Connecticut**

Job Summary: The Department of Ecology & Evolutionary Biology at the University of Connecticut invites applications for a University Postdoctoral Fellow to work on the Connecticut Bird Atlas project. The project seeks to map the distribution and abundance of all bird species throughout Connecticut during the breeding season, winter, and migration periods. Primary responsibilities will include compiling existing bird distribution and land use data sets; generating seasonal distribution models for all of Connecticut's breeding and wintering birds; helping to design field sampling schema to collect new distribution and abundance data across the state; creating web materials for field workers (maps, data sheets, etc.); and assisting with the implementation of an online portal. Project data would also be available to the postdoc to develop their own analyses for publication in peer-reviewed scientific journals. The postdoc would report to the primary PIs on the project, Drs. Chris Elphick and Morgan Tingley.

Qualifications: Candidates must have a Ph.D. in biology or a closely related field, experience in correlational distribution models, and expertise in GIS and statistical analyses using R or Python. Preferred candidates will additionally have experience with: ecological "big data," including breeding bird atlases and/or eBird; manipulation and analysis of large-scale remote sensing data sets; bird identification, ecology, and distributions; web site creation; and working with citizen scientists.

Application Details: This position is based at the Storrs campus of the University of Connecticut and includes competitive salary and health benefits. This is a full-time, 12-month, fixed-term position. Continuation of this position may be possible if additional funding becomes available. The position can start as soon as 1 April 2017. Interested candidates should send (1) an email describing their research interests and qualifications along with (2) a CV, (3) 1-2 representative publications, and (4) a list of 2 references to Morgan Tingley (morgan.tingley[AT]uconn.edu).

The University of Connecticut (UConn) has been one of the nation's leading public institutions since its founding in 1881. Located in Storrs, UConn's main campus is situated in the picturesque rolling forests and fields quintessential of New England, yet is only 30 minutes from Hartford, and has close connections to Providence, Boston and New York. The Department of Ecology and Evolutionary Biology consists of over 30 faculty and 60 graduate students with research spanning nearly all major groups of organisms. The Department maintains close ties with the Departments of Physiology and Neurobiology, Molecular and Cell Biology, Marine Sciences, and Natural Resources Management and Engineering, as well as the Center for Environmental Sciences and Engineering, which together comprise one of the largest groups of biologists in the Northeast. As an Affirmative Action/Equal Employment Opportunity employer, UConn encourages applications from women, veterans, people with disabilities and members of traditionally underrepresented populations.