

Ph.D. and M.S. positions in Global Change Ecology at the University of Connecticut
Adviser: Morgan W. Tingley

The Tingley Lab in Global Change Ecology in the Department of Ecology and Evolutionary Biology at the University of Connecticut seeks creative and motivated PhD and MS students to join the lab in the Summer/Fall of 2015. Our research utilizes field data and biodiversity data to explore how large-scale anthropogenic drivers of change (e.g., climate change, invasive species, land-use change, fire regimes) affect geographic distributions and community interactions over short to long timespans, from years to centuries. Most of our research explores these topics using birds as the primary study organism.

Potential research topics include (but are not limited to) 1) distributional ecology and the mechanisms that define range limits; 2) the impact of climate change and other emerging threats on wildlife; 3) the ecology and life histories of threatened birds; 4) the challenge of conserving biodiversity in an increasingly modified world and/or; 5) using historical field data to understand processes of change. Research projects will have opportunities to draw from extensive existing databases as well as collect new field data at current field sites in eastern and western U.S. mountain ranges. Enthusiasm, excellent written and oral communication abilities, and strong quantitative skills are necessary. Backgrounds in ornithology, modeling, and statistics are desired.

****Application process****

Interested and qualified candidates should read through the lab's Frequently Asked Questions (<http://www.morgantingley.com/home/join/>) and send an email describing their motivation and research interests along with, at minimum, a CV, GPA, and GRE scores to morgan.tingley@uconn.edu. Strong applicants will be contacted for scheduling an informal interview in person or over the phone. Applications to UConn are due December 15th. Financial support for Ph.D. and M.S. students is available from research assistantships, teaching assistantships, and university fellowships, but applications to outside funding sources are strongly encouraged.

About the University of Connecticut

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.