POSTDOCTORAL POSITION: Incorporating Behavioral Science into Eco-Evolutionary Predictions of Organismal Response to Climate Change

The Botero Lab at the Department of Integrative Biology in the University of Texas at Austin invites applicants for a federally funded Postdoctoral Research position aimed at exploring the role of behavioral flexibility on avian responses to climate change.

We seek to recruit a highly motivated colleague with advanced statistical and computational skills and a passion for natural history (taxonomic expertise on birds preferable but not required). The successful applicant will assist in the development of cutting-edge species distribution models and will collaborate with other team members on a variety of related ecological and evolutionary analyses. This project will allow for substantial creative engagement and ample opportunities to help define the course and scope of our investigation. It will also offer frequent opportunities to collaborate with external colleagues in the US Geological Survey and various non-governmental agencies.

The Botero Lab offers an inclusive, nurturing, and family-friendly culture with ample career development, intellectual exploration, and outreach opportunities tailored to the applicant's own abilities and interests. All are welcome to apply.

Job responsibilities

• Collate and analyze data from eBird, Google Earth Engine, and other data sources

• Assist in the development and validation of trait-based species distribution models

• Assist in the training of junior colleagues

• Coordinate activities and workflows across collaborating labs

• Publish and present findings in peer-reviewed scientific outlets

Requirements:

• A Ph.D. in ecology, evolutionary biology, statistics, or related fields.

• Prior experience in multivariable statistics and Species Distribution Modeling.

• Extensive experience with R

• Excellent organizational and problem-solving skills

• Strong work ethic and ability to plan, prioritize and multitask

• A track record of documented productivity

• Ability to work with others and a strong commitment to maintain a respectful, professional, and inclusive environment

Additional targets of interest (expertise not required but highly desired)

• Prior experience in trait-based Species Distribution Modeling

• Prior experience with Google Earth Engine

• Prior experience in large-scale biogeographical analyses (global or regional)

Working Conditions

• Will work around standard office conditions

• Repetitive use of a keyboard at a workstation

• Will interact with external collaborators on a regular basis (via zoom)

Work Shift

• 40 hours/week is required. It is assumed that these hours will be completed during regular business hours (e.g., 9:00am-5:00pm) but a more flexible schedule can be considered upon request.

How to apply:

Interested candidates should send a full CV, a one-page statement of research interests and career goals, and contact information for three reference writers to Dr. Carlos A. Botero at carlos.botero@austin.utexas.edu.