Postdoctoral Fellow in Niche Modeling of Brazilian Biodiversity
Faculty of Arts and Sciences
Organismic and Evolutionary Biology

We are seeking a 2-year postdoctoral fellow to undertake a study of niche evolution and endemism in Cerrado habitats of Brazil. The fellowship is supported by a grant from the Lemann Brazil Research Fund at Harvard University. The project is entitled “Prioritizing biodiversity of birds and butterflies in Cerrado habitats of Brazil using geographic and phylogenetic information systems”. The main goal is to generate several hundred niche models of birds and butterflies in Cerrado and to combine these with previously published phylogenetic analyses to develop a prioritization scheme for Cerrado biodiversity. The focus will be on prioritization of species and lineages, as well as identification of geographic subregions within the Cerrado exhibiting high levels of endemism and phylogenetic distinctiveness.

The postdoctoral fellow will be based both at Harvard and at the University of São Paulo, Brazil. At Harvard the fellow will be in the Department of Organismic and Evolutionary Biology (OEB) and the Museum of Comparative Zoology (MCZ). At the University of São Paulo the fellow will be in the Instituto de Biociências, Departamento de Genética e Biologia Evolutiva. Funds for travel between the US and Brazil are included for the postdoc, the PIs and other participants on the grant. Time spent in either location is negotiable and flexible. Our hope is that the postdoctoral fellow will facilitate collaboration between the Harvard team (Drs. Scott Edwards and Naomi Pierce) and the USP team (Dr. Cristina Miyaki).

A successful applicant would have:

- Ph.D. in ecology, evolutionary biology, biodiversity informatics, or related fields by spring 2017

- Preference will be given to candidates from Brazil

To be considered for the postdoctoral position, please submit the following materials through the ARiES portal: http://academicpositions.harvard.edu/postings/7123

Application review will begin immediately and will continue until the position is filled.

1. Cover letter outlining your interests and suitability for the position
2. Curriculum vitae
3. Up to three examples of published papers
5. Names and contact information of 3 references.

Harvard University is an Affirmative Action/Equal Opportunity Employer and requires pre-employment reference and background screening.

Further information about OEB is available at http://www.oeb.harvard.edu. Address questions about the application/nomination process to Prof. Scott Edwards in OEB <sedwards@fas.harvard.edu>.