

Postdoctoral Fellowship in EBD-CSIC Flavivirus transmission network in Doñana

Estacion Biológica de Doñana, Department of Wetland Ecology

We have a position available for a postdoctoral scientist to study a bird-mosquito-Flavivirus transmission network, as part of a project funded by the Andalucian Government. This project addresses Flavivirus transmission in Doñana National Park, by combining data on the spatial and temporal distribution of birds and mosquitoes, feeding preferences of mosquitoes and virus prevalence to model the risk of virus transmission. Existing mosquito, bird census and serology and virus prevalence data sets will be used to parameterize models to predict the risk of bird to mammal transmission. There will also be the opportunity for the successful applicant to participate in new field work to inform the modelling approaches, and apply this approach to the study of avian Haematozoa transmission dynamics.

Doñana is one of the main wetlands in western Europe, with a long term monitoring program of biological processes (<http://www-rbd.ebd.csic.es/Seguimiento/seguimiento.htm>). Main habitats include natural marshes and rice-fields.

The postdoc will be co-advised by Jordi Figuerola (www.ebd.csic.es/jordi), and Ramón Soriguer and work as part of a larger collaborative project with Maria Paz Sánchez Seco and Antonio Tenorio (<http://aevi.isciii.es/>), Javier Bustamante (www.ebd.csic.es/~busta/) and Ciro Rico.

Applicants should have demonstrated interest in ecology and evolutionary biology, and a PhD in landscape ecology, avian pathology, epidemiology, molecular ecology or related field. Preference will be given to young applicants who have experience with molecular methods and/or landscape modelling or demonstrated potential in these areas.

Review of applicants will begin June 20 and continue until the successful applicant is identified. The starting date is flexible but before the end of January 2010. Applications should include a cover letter with a statement of research interests and timing of availability, a CV, and names and contact information for two professional references. Please send your application through e-mail to jordi@ebd.csic.es.

Estación Biológica de Doñana is a research center of the Spanish Research Council (CSIC, www.csic.es) located in Sevilla (southern Spain). A detailed list of staff and publications can be found at www.ebd.csic.es.

Dr. Javier Perez-Barberia
Population and evolutionary
ecologist
The Macaulay Institute
Craigiebuckler
Aberdeen - AB15 8QH
Scotland, UK

Tel: +44(0)1224 395221
e-mail: j.perez-barberia@macaulay.ac.uk

<http://www.macaulay.ac.uk>
<http://www.macaulay.ac.uk/upland>