

**Postdoctoral Research Assistant in Evolutionary Genomics of Animal Domestication and Migration**

University of Oxford Salary: [UTF-8?]ÂŁ30,434 to [UTF-8?]ÂŁ37,394

**Closing date: 12.00 midday on Monday, 24 November, 2014**

This PDRA position will work on the Unifying Evolution and Domestication using Ancient DNA (UnDEAD) project funded by the European Research Council (ERC) under the leadership of Dr Greger Larson. You will join a multi-disciplinary team of archaeologists and geneticists to explore the origins of animal domestication, and the use of domestic animals as a proxy to understand human migration. For more information see this website:

<http://www.domestication.org.uk/>

You will focus primarily on the amplification and analysis of nuclear and mitochondrial DNA sequences from ancient domestic animal bones and teeth using shotgun and capture techniques. The two major research questions you will explore will be: 1) the admixture between Near Eastern pigs and European wild boar during the Neolithic, and 2) the use of domestic animals to assess the resilience and survival of early North Atlantic settlements. though there is scope to persue your own research interests within the theme of the larger project. You will have a PhD in bioinformatics, population genomics, evolutionary genetics, animal genomics, or a related discipline. You will have research experience with ancient or degraded DNA and familiarity with library preparation and handling next generation sequencing results. This post is full-time and fixed-term for 3 years. For informal enquiries, please contact Dr Greger Larson,

[email:greger.larson@arch.ox.ac.uk](mailto:greger.larson@arch.ox.ac.uk)

**Applications for this vacancy are to be made online using this link:**

<http://www.jobs.ac.uk/job/AJU608/postdoctoral-research-assistant-in-evolutionary-genomics-of-animal-domestication-and-migration/>

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