



PhD POSITION IN ARCHAEOLOGICAL SCIENCE

Max Planck Institute for Evolutionary Anthropology Leipzig, Germany

The Department of Human Evolution of the Max Planck Institute for Evolutionary Anthropology, Leipzig (Germany), invites applications for a PhD research position in the **proteomic analysis of archaeological faunal assemblages**. In the Department, palaeoanthropological research is conducted within a multidisciplinary environment involving biological anthropologists, Palaeolithic archaeologists, archaeological scientists, and geochronologists. More information about the Department and the labs can be found on our [website](#).

We are seeking a PhD student (3 years, with possible one year extension) to conduct proteomic studies in the broader context of Pleistocene human evolution. This includes sample collection, analysis, methodological development and publication. We are particularly interested in creative, independent candidates capable of working on the interface of zooarchaeology and proteomic analysis of Pleistocene bone specimens. Tasks include sampling, analysis and interpretation of morphologically unidentifiable bone specimens through ZooMS peptide mass fingerprinting. The appointment includes training in mass spectrometry methods at the University of Copenhagen. We expect PhD students to present scientific results at international conferences and to publish results in peer-reviewed journals. The doctoral thesis will consist of a series of published manuscripts (in English).

Qualifications profile:

- Completed university degree (Ma/MSc) in archaeology. A background in archaeological sciences, particularly ZooMS or proteomics, or zooarchaeology is beneficial but not essential.
- Proficiency in English.

This position may begin in January 2018, or earlier. Joint or partial appointments will be considered if the appointment is mainly based in Leipzig. Interviews will take place in October 2017. The Max Planck Society is committed to employing more physically impaired individuals and to increasing the share of women in areas where they are underrepresented, and therefore expressly encourages applications from such qualified individuals.

For further information, please contact Dr. Frido Welker (frido_welker@eva.mpg.de) or Dr. Geoff M. Smith (geoffrey_smith@eva.mpg.de). Examples of our previous research can be found [here](#) and [here](#).

Applications should include a cover letter (1 page), curriculum vitae, reprints of selected publications, a short statement of research interests, and the names of three referees. Please hand in these documents before the 30th of September, following the instructions of our online submission system. The search for an appropriate candidate will continue until the position has been filled.

To apply, please click [here](#).