



Senior Bioinformatician position (E14 100%)
Max Planck Institute for the Science of Human History, Jena, Germany

The **Archaeogenetics** department at the Max Planck Institute for the Science of Human History in Jena, Germany, is offering a position for a senior bioinformatician (E14 100%) beginning in summer 2018.

The overarching research topic at the institute is the use of novel scientific approaches from high throughput sequencing of **ancient DNA from human populations** and their **pathogens** to explore research questions related to **human history, gene-culture coevolution, and adaptation to infectious disease**. The main foci are the relationship between humans and pathogens through time, population migrations and dynamics on a historical time-scale, and microbial evolution.

The **senior bioinformatician** position will focus on the core business of data management, establishment and maintenance of state-of-the-art analytical pipelines, guaranteeing high quality outputs. The candidate is required to **manage and run the core facilities of high throughput sequence data analysis**, but will also be given ample opportunity to develop new analytical methods and pipelines for the analysis of large ancient DNA genomic and metagenomic datasets. The position will be at the heart of a large range of multidisciplinary projects dealing with the (pre)history of ancient human populations, and the evolution of microbial and pathogen communities, working closely with the researchers leading these projects. The ability to work in a large international team is therefore essential, while a passion or interest for human history and evolution is also desirable. Since this role also includes co-supervision of postgraduate students in bioinformatics and biostatistics tasks, experience in this area is welcome.

Applicants should have completed a Master's degree or equivalent in biostatistics, bioinformatics, computer science or relevant neighboring discipline, worked with large high-throughput sequencing or SNP datasets, and have experience with maintaining bioinformatics analysis pipelines in a server and/or cluster environment. Prerequisites also include evidence of strong oral and written communication skills and the ability to complete tasks in a timely and structured fashion.

Experience in working in a scientific environment (e.g. completed PhD) is of advantage.

The position is appointed for three years with the possibility of extension and conversion into a permanent position.

For detailed information on the institute please visit our website: <http://www.shh.mpg.de/en>

The Max Planck Institute for the Science of Human History promotes women and encourages especially women to apply. Handicapped candidates will be given priority in case of the same professional qualification.

Your application:

Please submit your application consisting of a letter of intent, a CV, relevant certificates and references, as a single pdf file and in English, by upload via the following link:

https://s-lotus.gwdg.de/mpg/mjws/perso/shh_p003.nsf/application

Deadline for application: April 30th, 2018

For detailed information on the position please contact
Prof. Johannes Krause, E-mail: krause@shh.mpg.de