Date of publication of the job offer: March 4th, 2019

Job title: Postdoc position in human population genetics

Job description

The goal of the postdoctoral position is to undertake large-scale analyses of human genome wide data and complete genomes at a population level to carry out independent research, contributing as a team member to the wider program of research led by Dr. David Comas (http://www.biologiaevolutiva.org/dcomas). This will involve contributions to the design and development of new studies, leading modest-scale research projects and playing a key role in collaborative human population genetics studies. Current research focuses on complete genome analyses in human populations to unravel the evolutionary processes (demographic and adaptive) that have shaped the extant genomic diversity.

Project and Institution that finance the contract

AGENCIA ESTATAL DE INVESTIGACIÓN (AEI/FEDER/UE), Plan Estatal de Fomento de la Investigación Científica y Técnica de Excelencia (2013-2016)

Official number reference: CGL2016-75389-P

Information on the minimum requirements

• In possession of a PhD in Population Genetics or a related field.
• Knowledge of human genomics.
• Experience of techniques used in bioinformatics, genomics and statistical genetics, with particular expertise in computational approaches to genomic analyses.
• Evidence of bioinformatics or statistical programming competency.
• Evidence of research productivity (including high-quality research publications, presentations) and involvement in innovative, high-level research.
• Evidence of training students
• Experience of Linux, scripting and use of a High Performance Computing Linux cluster
• High level of proficiency in English, sufficient to undertake research and teaching to communicate effectively with staff and students.
• Ability to work independently and also as part of a research team.
• Excellent written and oral communication skills.
• Effective interpersonal and organizational skills, excellent time management skills.
• To demonstrate research potential, high motivation and enthusiasm of the subject area and deliver high quality research.
• Computational skills, including statistical programming (ideally R) and ideally also a programming language such as Python, Perl or C++.
• Ability to supervise research students and junior staff

Benefits of the opening

A full-time position for 8 months. Salary will be similar to postdoc positions offered by the Spanish Ministry ("Juan de la Cierva" contracts).

Information on the application process

Deadline to submit applications: March 18th, 2019

Contact: david.comas@upf.edu