

Academic position in statistical genetics

K.U.Leuven invites applications for a part-time (20%) academic position for three years at the Department of Public Health. We are looking for a dynamic and motivated individual (m/f) with an excellent research record in statistical bioinformatics, who is able to teach courses in this and related areas.

DUTIES ENCOMPASS:

Research

Successful candidates will support and further expand research programs, and secure excellence in research output of internationally recognized quality, in the area of statistical genetics of complex diseases. In particular, it is expected that the research themes of the successful candidate will encompass various aspects of complex genetics, including but not limited to the development of statistical models for epistasis and gene-environment interactions, for risk prediction, and for effect size estimation. The successful applicant is expected to enhance existing national and international collaboration and to take new initiatives regarding interdisciplinary collaboration of the highest level.

Teaching

Successful applicants will take on teaching responsibilities in medicine and biomedical sciences, amongst others. They are expected to meet the reigning K.U.Leuven standards regarding academic program level and orientation and to adhere to the K.U.Leuven's concept of education. A commitment to quality of education as a whole is naturally understood.

Service

The candidate should have demonstrable experience with scientific consultancy and interdisciplinary collaboration, with partners from academe, the government, and industry.

Framework

The position is situated within the Leuven Biostatistics and statistical Bioinformatics Centre (L-BioStat) of the Department of Public Health, and within the Interuniversity Institute for Biostatistics and statistical Bioinformatics (I-BioStat), a joint initiative with Hasselt University. Both institutes are internationally recognized in biostatistics and statistical bioinformatics, because of their research on methods for the analysis of repeated measures, amongst other topics. Both institutes are also partners in various major interfaculty and interuniversity research projects. In addition, the candidate will be supported by and interact with staff of clinical departments such as, for example, the Center for Human Genetics.

QUALIFICATIONS:

The candidate holds a doctoral or PhD degree in a computational science (e.g. Bioinformatics, Biostatistics, Computational Biology).

Qualified candidates are expected to have an excellent research record and very good teaching and training skills, to contribute to the research output of the department and to the quality of its educational program. The high quality of the candidate's research should be evidenced by publications in international peer-reviewed journals.

In particular, the successful candidate has got proven methodological and applied research output in bioinformatics and/or computational biology, with a solid knowledge of

(bio)statistics. Alternatively, the candidate has got an excellent output in biostatistics, a strong interest in genetics and a commitment to direct his/her research towards bioinformatics. In either case, additional working knowledge of molecular biology is strongly recommended. Experience in international research and collaboration, with a knowledge of several application areas (such as, for example, oncology, infectious diseases, immune-system diseases), is strongly preferred.

At K.U.Leuven the main language of instruction is Dutch. Successful applicants who are not proficient in Dutch, will be provided language training in order to be able to also instruct in the Dutch language within three years time.

Near-native proficiency in the English language is expected of all applicants.

The K.U.Leuven pursues a policy of equal opportunity and diversity.

The appointments will be made at the rank of assistant professor of higher, depending on the candidate's qualifications.

Information:

Geert Verbeke, chair of the Biostatistical Centre, (geert.verbeke@med.kuleuven.be)

Geert Molenberghs, director of the International Institute for Biostatistics and statistical Bioinformatics, (geert.molenberghs@med.kuleuven.be; geert.molenberghs@uhasselt.be)

<http://www.kuleuven.be/personeel/jobsite/vacatures/medicine.html>