



The Institute of Statistics, Biostatistics and Actuarial Sciences (ISBA) of the Université catholique de Louvain (UCL), Louvain-la-Neuve, Belgium, has vacancies for

3 postdoc positions

Job description

The job description depends on the project that will finance the position :

- *Positions 1 and 2* : Financed by an ERC grant, supervision of the postdoc by Ingrid Van Keilegom.

Preference will be given to candidates with interest and experience in survival analysis, and in particular in topics related to cure models, copulas, dependent censoring, measurement errors and endogeneity. The candidate will work in a large research group in this area, including academic members and a number of PhD students and postdocs.

- *Position 3* : Financed by an IAP project, supervision of the postdoc by one of the full-time faculty members of ISBA.

Preference will be given to candidates with interest and experience in areas that are close to the research done at ISBA. This includes (among others) the following topics :

- (i) mathematical statistics (semi- and non-parametric statistics, multivariate analysis, regression, mixture models, survival analysis, extreme value statistics, inverse problems, time series analysis, econometrics,...)
- (ii) biostatistics (survival analysis, clinical trials, quality control, chemometrics, medical and industrial data,...)
- (iii) actuarial sciences and quantitative finance (life and non-life insurance, pension theory, stochastic modelling of financial assets and derivatives, risk measures, solvency rules, mathematical finance, Levy processes, ...)

For all three positions, the candidate will also be involved on a small scale into some teaching activities of the institute (in French or in English).

Job requirements

PhD in (bio)statistics, actuarial sciences or a related discipline. Good knowledge of written and spoken English is required. No proper knowledge of French is required.

Terms of employment

A grant or contract of 1 or 2 years (possibly renewable under certain conditions).

Research environment

The Institute of Statistics, Biostatistics and Actuarial Sciences (ISBA, <http://www.uclouvain.be/isba>) is a renowned research centre of high international reputation which offers a very stimulating working environment. At the ISBA there are around 30 pre- and postdoctoral researchers working under the supervision of 10 full-time professors, in a variety of fields of methodological and applied statistics, including biostatistics and actuarial sciences. They are integrated into the Graduate School in Statistics and Actuarial Sciences which offers them an up-to-date training in their field via regular seminar series, short courses and workshops, all in English and often given by international short and long-term visitors. ISBA is also part of a large international research network. It has numerous academic contacts, including those to neighboring fields (medicine, agronomy, social science, economy, finance and engineering) as well as collaborations with industry.

Information

For further information, please contact Prof. I. Van Keilegom (ingrid.vankeilegom@uclouvain.be). For administrative questions or for more information regarding the application procedure please contact Mrs. N. Guillaume (nancy.guillaume@uclouvain.be).

Application

Please send the following documents to Mrs. N. Guillaume (nancy.guillaume@uclouvain.be):

- a letter of motivation, **clearly** mentioning the position(s) for which you are applying
- your curriculum vitae
- a list of publications
- copy of diplomas
- at least one reference letter to be sent by email directly by the referee

The closing date for application is **31 May 2016** (applications received after 31 May will be considered as they arrive, until the position is filled). Only duly completed applications can be taken into account.

Starting date

1 September 2016, or at another date to be agreed by all parties.