



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

## PhD position

and a fulltime

## postdoc position

### Job description

Preference will be given to candidates with interest and experience in survival analysis, and in particular in

### **Semiparametric Inference for Survival and Cure Models.**

The candidate will work in a large research group in this area, including 5 academic members and a number of PhD students and postdocs. The research group works on a variety of research questions in survival analysis, ranging from theoretical to more applied problems, and using both Bayesian and frequentist approaches.

The candidate will also be involved on a small scale into some teaching activities of the institute.

### Job requirements

For the PhD position : master degree in (bio)statistics or a related discipline. The diploma must have been obtained with at least distinction or an equivalent grade.

For the postdoc position : PhD in (bio)statistics or a related discipline.

Good knowledge of written and spoken English is required. No proper knowledge of French is required.

### Terms of employment

For the PhD position : a tax-free monthly grant of up to 4 years

For the postdoc position : a grant or contract of 1 year (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. It is equipped with modern computing facilities, a statistics library, a vivid visitors program and ample funding for scientific travel. 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. A high percentage of the PhD students graduate from the ISBA and succeed in starting a promising career, be it in academia or industry. 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. It is placed in the heart of a modern, vivid and international university campus, in close proximity of Brussels and its international airport, and in short travel distance to other European capitals.

## Information

For further information, please contact

- Prof. I. Van Keilegom ([ingrid.vankeilegom@uclouvain.be](mailto:ingrid.vankeilegom@uclouvain.be)) (chair)
- Prof. A. El Ghouch ([anouar.elghouch@uclouvain.be](mailto:anouar.elghouch@uclouvain.be))
- Prof. C. Heuchenne ([cedric.heuchenne@uclouvain.be](mailto:cedric.heuchenne@uclouvain.be))
- Prof. Ph. Lambert ([philippe.lambert@uclouvain.be](mailto:philippe.lambert@uclouvain.be)), or
- Prof. C. Legrand ([catherine.legrand@uclouvain.be](mailto:catherine.legrand@uclouvain.be)).

For administrative questions or for more information regarding the application procedure please contact Mrs. N. Guillaume ([nancy.guillaume@uclouvain.be](mailto:nancy.guillaume@uclouvain.be)).

## Application

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

- a letter of motivation, **clearly** mentioning the area of application in which you are interested (biostatistics, finance, mathematical statistics, sociology, economics, ...)
- your curriculum vitae
- a list of passed courses and grades
- 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 **20 June 2014** (applications received after 20 June will be considered as they arrive, until the position is filled). Only duly completed applications can be taken into account.