



Full-time junior assistant (PhD student) in Statistics for Biotech Data  
Ghent University – Ghent University Global Campus, Korea

- Last application date: June 30, 2016.
- Department: WE02 – Department of Applied Mathematics, Computer Science and Statistics.
- Contract: 1 year contract, renewable (max. 4 years).
- Degree: Master degree in one of the following: statistics, (applied) mathematics, or computer science.
- Occupancy rate: 100%.
- Vacancy type: Academic Assisting Staff.

Ghent University Global Campus, Korea (GUGC-K) has a vacancy for a position of junior assistant, starting from October 1, 2016. It concerns a temporary full-time position for a renewable period of two years.

Profile of the candidate

- hold or expect to hold by October 2016 a master degree in one of the following disciplines: statistics, (applied) mathematics, or computer science. Exceptional candidates from other science/engineering backgrounds will also be considered.
- have a strong statistical background, a good knowledge of mathematics and be comfortable with programming.
- be highly motivated to conduct research in the area of statistics, with special attention to bioscience applications.
- have an excellent academic track record, an excellent command of English (a minimum score of 80 on the TOEFL iBT test), and good academic writing and presentation skills.
- experience with either machine learning or big data is a plus.

Job description

- to conduct research in the area of statistics with focus on bioscience. Within this research, several possible options present themselves: development of (robust) machine learning techniques for use on biotech data (e.g., parasite detection in microscopic images, plant growth analysis, ...), big data analysis (e.g, genomic data), or statistical methods for personalized medicine.
- to assist his/her supervisor in teaching undergraduate mathematics and statistics courses at Ghent University Global Campus, Korea.

Starting date: October 1, 2016.

GUGC-K is the first campus of Ghent University outside Belgium. This brand new campus is located in Incheon, South-Korea. GUGC-K integrates educational and research facilities in a single building. Ghent University has the ambition to organize a first-rate, truly European education in Asia and to develop excellent research in the fields of Molecular biotechnology, Environmental and Food technology

While the candidate will mainly work under the supervision of Prof. Arnout Van Messem located at the campus in Korea, he/she will also be assigned a co-supervisor in Ghent. The candidate will have the opportunity to also spend time at the campus in Ghent during the course of his/her PhD.

The terms of employment at GUGC-K are comparable to those at the campus in Ghent. However, free student accommodation and a yearly travel budget are foreseen. GUGC-K is an equal opportunities employer.

**Applications should be sent no later than June 30, 2016 by email to [arnout.vanmessem@ghent.ac.kr](mailto:arnout.vanmessem@ghent.ac.kr) with application letter, CV, copies of degrees, and an overview of the study results attached. Please merge all documents into one PDF file. A PDF version of the master's thesis might be requested in a later stage. The candidate will receive an e-mail confirming receipt of the application.**