

Doctoral (PhD) student position in biostatistics (supported by KID)

Karolinska Institutet, MEB

The Department of Medical Epidemiology and Biostatistics (MEB) is among the largest departments of epidemiology in Europe with special focus on increasing our knowledge of the aetiology of different diseases. Our department consists of researchers, doctoral students, biostatisticians, data collectors and database administrators as well as administrative personnel, in total some 250 staff. The department is situated at campus Solna. Further information can be found at ki.se/meb

A doctoral position is an available doctoral education project to which a PhD student is to be recruited. After the selection process the process for admission to doctoral education will commence. An admission decision will not be taken until an individual study plan has been approved by the departmental admission board.

For more information regarding doctoral (PhD) education, see: <http://www.ki.se/doctoral>.

Research group

The biostatistics group comprises around 40 members, including 4 professors, 3 senior lecturers (universitetslektorer), applied biostatisticians, postdocs and PhD students. The group is involved in a wide variety of research projects, including population-based cohort and case-control studies, twin and family studies, survival analyses, predictive modeling, genetic epidemiology and bioinformatics.

The doctoral education project and the duties of the student

Applicants are invited for a PhD research training position to work on the development of statistical models for breast cancer tumour progression and patient survival using mammographic image and genetics data. As well as statistical methodology development the PhD project will include analyses of data from large, detailed studies of breast cancer and mammography screening.

Skills and personal qualities:

Applicants should have a masters degree in statistics, biostatistics or a related science and have an interest in statistical methods in medical/biological applications. Since theoretical development is a part of the project, strong mathematical training is preferred. Programming skills in R are considered a merit. Fluency in written and spoken English is required.

The applicant should be able to work well in a team, as well as having the ability to work independently.

Entry requirements for doctoral education at KI

To be eligible for doctoral education following requirements has to be met:

General entry requirements

A person meets the general entry requirements for doctoral/third-cycle/PhD education (according to Higher Education Ordinance Chapt 7, section 39) if he/she:

1. has been awarded advanced/second-cycle/master qualification (i.e. master degree) or
2. has satisfied the requirements for courses comprising at least 240 credits of which at least 60 credits were awarded in the second-cycle/master level, or
3. has acquired substantially equivalent knowledge in some other way in Sweden or abroad.

Specific entry requirements

Proficiency in English equivalent to the course English B/English 6 at Swedish upper secondary school:

Proficiency in the English language can be documented by an internationally recognized test such as TOEFL or IELTS, see web-link below for more information.

Applicants who meet the general entry requirements (1 or 2 above) from a university in one of the Nordic countries fulfill the requirements in English.

For more information regarding general and specific entry requirements:

<http://ki.se/en/education/entry-requirements-eligibility-for-doctoral-education>

Assessment criteria

A selection will be made among qualified applicants on the basis of the ability to benefit from doctoral education. Karolinska Institutet uses the following bases of assessment:

- Documented subject knowledge of relevance to the area of research
- Analytical skill
- Other documented knowledge or experience that may be relevant to doctoral studies in the subject

The qualifications of the applicants will be evaluated on an overall basis.

Terms and conditions

All doctoral students at KI receive financial support during their doctoral education and employment on a doctoral studentship is the most common sort of support. During the time between recruitment and admission a short-term employment can be offered for up to 6 months.

Application process

An application must contain the following documents in Swedish or English:

- A personal letter and curriculum vitae
- A copy of degree certificates and associated certificates
- A copy of degree projects and any previous publications

The application is to be submitted through the MyNetwork recruitment system.

Karolinska Institutet is one of the world's leading medical universities. Its mission is to contribute to the improvement of human health through research and education. Karolinska Institutet accounts for over 40 per cent of the medical academic research conducted in Sweden and offers the country's broadest range of education in medicine and health sciences. Since 1901 the Nobel Assembly at Karolinska Institutet has selected the Nobel laureates in Physiology or Medicine.

Pursuant to the regulations of the Swedish National Archives, applications are kept on file for two years after the appointment has gained legal force. The regulations do not apply to attachments that have been printed or otherwise published.

Karolinska Institutet strives to provide a workplace that has approximately the same number of women and men, is free of discrimination and offers equal opportunity to everyone.

For temp agencies and recruiters, and to salespersons: We politely, yet firmly, decline direct contact with temp agencies and recruiters, as well as those selling additional job announcements.

Type of employment

Visstidsanställning längre än 6 månader

Contract type

Full time

First day of employment

According to agreement

Salary

Monthly salary

Reference number

2-127/2017

Contact

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*Karolinska Institutet använder Varbi som
rekryteringssystem i rekryteringsprocessen.*

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