



# UiO : Universitetet i Oslo

The University of Oslo is Norway's oldest and highest ranked educational and research institution, with 28 000 students and 7000 employees. With its broad range of academic disciplines and internationally recognised research communities, UiO is an important contributor to society.

The Institute of Basic Medical Sciences overall objective is to promote basic medical knowledge in order to understand normal processes, provide insight into mechanisms that cause illness, and promote good health. The Institute is responsible for teaching in basic medical sciences for the programmes of professional study in medicine and the Master's programme in clinical nutrition. The Institute has more than 300 employees and is located in Domus Medica.



## Postdoctoral Research Fellowship in biostatistics

Applications are invited for a position as Postdoctoral Fellow in biostatistics available at the Oslo Centre for Biostatistics and Epidemiology (OCBE), Department of Biostatistics, University of Oslo. This research fellowship provides full funding without any teaching requirements at a competitive salary for a period of two years and two months beginning as soon as possible.

The Department of Biostatistics is part of the Institute of Basic Medical Sciences ([www.med.uio.no/imb/english/](http://www.med.uio.no/imb/english/)), one of the three institutes of the Faculty of Medicine of the University of Oslo. The Institute of Basic Medical Sciences consists of departments that conduct research and education in basic medical sciences.

This is an opportunity to join one of Europe's most active biostatistics groups at an exciting time. Currently, OCBE includes nine tenured professors and associate professors, twelve researchers, and several post-doctoral fellows and PhD students, making up a group of about 50. OCBE is internationally recognized, with interests spanning a broad range of areas (including time-to-event models, data integration, causal inference, statistical genomics, Bayesian inference, informative missingness and measurement error models, epidemiological studies of lifestyle and chronic diseases, stochastic models for infectious diseases, models for high-dimensional data) and numerous collaborations with leading bio-medical research groups nationally and internationally. The Department of Biostatistics is an active partner of Big Insight: Statistics for the Knowledge Economy, which is one of the Norwegian centers of excellence for research-based innovation.

### Job description

The post holder will carry out leading edge research in statistical methodology related to the analysis of high-dimensional genomic data. Research theme for the Postdoc will be high-dimensional regression models for clustered data. The fellowship is part of a project funded by the Norwegian Cancer Association and led by Professor Magne Thoresen (<http://www.med.uio.no/imb/english/people/aca/magnet>) (<http://www.med.uio.no/imb/english/research/groups/measurement-error-modeling>)

The main purpose of the fellowship is to qualify researchers for work in higher academic positions within their disciplines.

### Qualification requirements

- Applicants must hold a degree equivalent to a Norwegian doctoral degree in statistics/biostatistics or a related quantitative subject with proven competence in statistics
- Proven experience in programming
- Fluent oral and written communication skills in English

The following qualifications will count in the assessment of the applicants:

We are looking for candidates with a strong mathematical / statistical background. Some knowledge of penalized regression methods, e.g. the lasso, is an advantage. We seek a highly motivated and skilled person who is eager to both gain and share insight while being focused on publishing papers in leading, international journals. Knowledge of the Norwegian language is not required. However, a good command of English is mandatory.

### We offer

- salary NOK 490 900 - 569 000 per annum depending on qualifications in position as Postdoctoral Research Fellow (position code 1352)
- an ambitious, stimulating and international research environment
- Attractive [welfare benefits](#) and a generous [pension agreement](#), in addition to Oslo's family-friendly environment with its rich opportunities for culture and outdoor activities

### How to apply

The application must include

- cover letter (including a summary of the applicant's scientific work and interests and describing how she/he fits the description of the person we seek)
- CV (summarizing education, positions, pedagogical experience, administrative experience and other qualifying activity)
- copies of educational certificates (academic transcripts only)
- a complete list of publications
- list of reference persons: 2-3 references (name, relation to candidate, e-mail and phone number)

The application with attachments must be delivered in our electronic recruiting system, please follow the link "apply for this job". Foreign applicants are advised to attach an explanation of their University's grading system. Please note that all documents should be in English (or a Scandinavian language).

In assessing the applications, special emphasis will be placed on the documented, academic qualifications, as well as the candidates motivation and personal suitability. Interviews with the best qualified candidates will be arranged.

It is expected that the successful candidate will be able to complete the project in the course of the period of employment.

#### **Formal regulations**

Please see the [guidelines](#) and [regulations](#) for appointments to Postdoctoral fellowships at the University of Oslo.

No one can be appointed for more than one specified period at the same institution.

According to the Norwegian Freedom and Information Act (Offentleglova) information about the applicant may be included in the public applicant list, also in cases where the applicant has requested non-disclosure.

The University of Oslo has an [agreement for all employees](#), aiming to secure rights to research results and intellectual property.

In accordance with the University of Oslo's equal opportunities policy, we invite applications from all interested individuals regardless of sex or ethnicity.

**Deadline: 13.10.2017**

**Contact persons: Professor Magne Thoresen, [magne.thoresen@medisin.uio.no](mailto:magne.thoresen@medisin.uio.no)**

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