

## Ph.D. Positions in Statistics

University of Copenhagen

A number of Ph.D. positions in statistics are available with start from February 1, 2012, or as otherwise agreed. The positions are offered within the main themes of the statistics network at the University of Copenhagen under the headline of the research project *Statistical methods for complex and high dimensional models*.

### Job description

The work of the Ph.D. students will consist mainly of research and development duties within one or more of the following themes:

- Survival and event history analysis

Contact: Thomas Scheike, T.Scheike@biostat.ku.dk

- Dynamical stochastic models

Contact: Susanne Ditlevsen, susanne@math.ku.dk

- Functional data analysis

Contact: Ib Skovgaard, ims@life.ku.dk

- Statistical aspects of bioinformatics and gene regulation

Contact: Niels R. Hansen, Niels.R.Hansen@math.ku.dk

- Statistical computing

Contact: Claus Thorn Ekstrøm, ekstrom@life.ku.dk

For further details about the themes and the general research project see <http://statistics.ku.dk/>.

In addition to the research work the Ph.D. fellow will have teaching duties for up to 840 hours over the 3 years of employment.

### Qualification requirements

In connection with the appointment to one of the positions special importance will be attached to the applicant having the professional and personal qualifications stated below:

- A Masters degree or a similar degree at the same academic level. Danish candidate degrees in statistics, mathematics or engineering with specialization in statistics are relevant. If you are in doubt whether your degree has the relevant academic level, you should obtain an evaluation by Cirijs before applying (<http://en.cirijsonline.dk>).
- Research potential and the ability to carry out an individual research project under supervision within one of the five themes mentioned above.

Applications for these positions are accepted for persons expecting to complete their Master's degree before the end of March 2012.

## **Terms of employment**

The 3-year Ph.D. position will be filled according to the Agreement between the Danish Ministry of Finance and the Danish Confederation of Professional Associations. The post is covered by the Protocol on Job Structure.

The statistics network is a joint enterprise between different research groups in statistics at the University of Copenhagen. When appointed for one of the positions the appointee will be enrolled in a research school either at the Faculty of Science, the Faculty of Health Sciences or the Faculty of Life Sciences. The position as Ph.D. fellow requires the applicant to be approved for admission to the Ph.D. programme at one of the three mentioned faculties when accepted for the position.

## **Questions**

For further information about the positions, please contact Professor Michael Sørensen, (+45) 35 32 06 80, [michael@math.ku.dk](mailto:michael@math.ku.dk). For questions related to concrete research proposals and/or the project description that is to be included in the application, please contact the relevant person(s) mentioned above.

For further information on the Ph.D. programmes see <http://healthsciences.ku.dk/research/phd/>, <http://www.science.ku.dk/phd/>, and <http://www.life.ku.dk/English/education/phd.aspx>.

## **Application procedure**

The application must begin with a title and a short summary of the proposed research project suggested by the applicant, and an outline of how the project fits into one of the themes mentioned above. This is to be followed by a detailed project description (max. 5 pages + references). In addition, the following appendices must be included:

*Appendix 1:* Brief Curriculum Vitae of the applicant incl. the applicant's former work and scientific experience and publications.

*Appendix 2:* Documentation of the applicant's qualifications: degree certificate and/or transcript of grades.

*Appendix 3:* Recommendation letters (not required).

The application, incl. the appendices, should be submitted by email to [michael@math.ku.dk](mailto:michael@math.ku.dk) as a single PDF-file including all appendices. The email subject should be "Ph.D. position – your last name". If you want to apply for more than one project, you will need to send individual applications for each project.

**Deadline: December 1, 2011 at 12.00 hours.**

Applications received later will not be taken into consideration.

In addition to the material the applicant wishes to be included in the assessment, the Assessment Committee may include further material in their assessment of the applicant. In such circumstances, it is the responsibility of the applicant, on request, to send the material to the Committee.

All interested parties are encouraged to apply for the position, regardless of age, gender, religious affiliation or ethnic background.