



Postdoctoral Fellow in statistics

Lund University School of Economics and Management, Department of Statistics

Lund University was founded in 1666 and is repeatedly ranked among the world's top 100 universities. The University has 40 000 students and 8 160 staff based in Lund, Helsingborg and Malmö. We are united in our efforts to understand, explain and improve our world and the human condition.

Lund University School of Economics and Management is one of eight faculties within Lund University. More than 4 000 students and 450 researchers, teachers and other staff are engaged here in training and research in economic history, business administration, business law, informatics, economics, statistics and research policy.

The Department of Statistics employs around 15 researchers, teachers, PhD students and other staff. We conduct research within a number of areas, such as the analysis of high dimensional data, Bayesian methods, spatial-temporal models, non-Gaussian modelling, applied research in the social sciences, and stochastic models and computational statistics. More information can be found on the department's home page, <https://stat.lu.se/en/research>.

Lund University announces a limited-duration (two years) position as Postdoctoral Fellow in statistics. The position is full time, with placement at the Department of Statistics, School of Economics and Management.

Subject description

The Department of Statistics at Lund University is seeking applicants for a postdoctoral position in the area of statistical methods and/or statistical machine learning. Willingness to combine theoretical studies with applied statistical and numerical data analysis is expected. The applicant will be involved in developing statistical methods that require familiarity with modern computational methods.

Assigned duties

The main duty involved in a postdoctoral position is to conduct research. Teaching may also be included, but up to no more than 20% of working hours. The position includes the opportunity for three weeks of training in higher education teaching and learning.

The applicant is expected to conduct independent research in modern statistics and machine learning, including both basic research and applications. He or she is expected to collaborate with other researchers at the Department, be willing to interact with students and to actively participate in the activities of the Department. Production of publications and active participation in conferences is also expected.

In recent years the Department has developed several courses within data science, e.g., Bayesian methods, Data Mining and Visualization, Deep Learning and AI methods. The applicant is expected to teach these types of courses. Teaching can be at the undergraduate, graduate and doctoral levels. Supervision of undergraduate essays at the Bachelor and Master levels is also expected.

Qualification requirements

Appointment to this position requires that the applicant has a PhD, or an international degree equivalent to a PhD, within Statistics, Econometrics or Mathematical Statistics, completed no more than three years before the last date for applications. Under special circumstances, the doctoral degree can have been completed earlier.

The position includes teaching in English and therefore requires a good command of the English language.

Assessment criteria and other qualifications

This is a career development position primarily focused on research. The position is intended as an initial step in a career, and the assessment of applicants will primarily be based on their research qualifications and potential as researchers. Particular emphasis will be placed on research skills within the subject.

Appointment to this position will use the following assessment criteria:

- A good ability to develop and conduct high quality research.
- Teaching skills.
- Relevance and viability of the research plan.
- International experience.
- Results and distinctions that attest to the applicant's ability to do research.
- Ability to engage in activities that inform society at large about research.

Consideration will also be given to good collaborative skills, drive and independence, and how the applicant's experience and skills complement and strengthen ongoing research within the Department, and how they stand to contribute to its future development.

Terms of employment

This is a full-time, fixed-term employment of two years. The period of employment is determined in the agreement "Avtal om tidsbegränsad anställning som postdoktor" ("Agreement on fixed-term employment as a postdoctoral fellow") between the employer organization and the union organizations (<http://www.arbetsgivarverket.se/avtal--skriffter/avtal/avtal-om-tidsbegransad-anstallning-for-adjungerad-larare2/>).

Application procedure

Please use Lund University job application portal when applying. Click the button "Log in and apply" at the top right hand corner of this ad. For more information, see <http://www.lunduniversity.lu.se/about/work-at-lund-university>.

The application must be written in English.

The application should contain:

- A personal letter in which the applicant gives a short description of him/herself and his/her research interests.
- Curriculum vitae.
- Diplomas.
- Doctoral dissertation.
- Project plan/description (maximum 1 500 words not including references).
- Other documents that the applicant wishes to submit.
- References.

Lund University welcomes applicants with diverse backgrounds and experiences. We regard gender equality and diversity as a strength and an asset. We kindly decline all sales and marketing contacts.

To apply, please click the button "Login and apply"

Type of employment

Temporary position longer than 6 months

Contract type

Full time

First day of employment

August 1, 2020, or by agreement

Salary

Monthly salary

Number of positions

1

Working hours

100

City

Lund

County

Skåne län

Country

Sweden

Reference number

PA2020/1319

Contact

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