



2014-09-22

Official Records No.  
P 2014/2611**LUND UNIVERSITY**

Faculty of Science

Faculty Office

Personnel Manager Gunilla Thylander

Lund University announces an opening:

**Senior University Lecturer in Bioinformatics directed towards large-scale analysis of DNA/RNA sequences**

*Lund University was founded in 1666 and for a number of years has been ranked among the world's top 100 universities. The University has 47 700 students and 7 500 staff based in Lund, Helsingborg and Malmö. We are united in our efforts to understand, explain and improve our world and the human condition. Find more information on [www.lunduniversity.lu.se](http://www.lunduniversity.lu.se).*

*The Department of Biology was founded in 2010 by a fusion of the Departments of Ecology, Cell and Organism Biology (COB), Undergraduate Studies in Biology and the Biological Museums. At the same time, the new Biology Centre was established at Campus North providing unique opportunities for teaching and research within biology. The new department has about 300 employees, out of which about 80 are PhD candidates. The research is organized in ~20 research groups and covers a wide area of topics including ecology, evolutionary biology, organism biology and molecular biology. Bioinformatics, in particular analyses of large-scale DNA/RNA sequencing data are an important and rapidly expanding part of the research and teaching at the department.*

**Basic facts regarding the position****Reference no:** P 2014/2611**Closing date for applications:** October 20, 2014**Date of appointment:** As soon as possible**Placement:** Department of Biology, Lund University**Trades unions at Lund University:** OFR, SACO and SEKO**Information about the position:** Christer Löfstedt, Head of the Department: +46-46-222 9338, [christer.loftsedt@biol.lu.se](mailto:christer.loftsedt@biol.lu.se)**Information about conditions of employment and the application process:**Helen Johansson, Recruitment Officer, +46 (0)46 2223609, [helen.johansson@science.lu.se](mailto:helen.johansson@science.lu.se)**Description of the position**

The position includes in particular teaching at both undergraduate and graduate levels, and research. Teaching will account for 25-50% of full time. The duties of the position, as well as the relative proportions of teaching and research, may be subject to change over time.

The successful candidate is expected to have an important role in developing the master program in bioinformatics at the Department of Biology (<http://www.biology.lu.se/education/masters-programmes/masters-programme-in-bioinformatics-120-credits>). The candidate is expected to be actively engaged in teaching courses on undergraduate and advanced levels within bioinformatics with a focus on large-scale analysis of DNA/RNA sequences. He/she should also take part in the supervision of Bachelor, Master, and PhD students.

In collaboration with research groups at the Department of Biology and elsewhere at the University, the candidate is expected to develop an active research in bioinformatics with a focus on large-scale analysis of DNA/RNA sequences and its applications in ecology and evolutionary biology. Prioritized research areas are comparative genomics, metagenomics and functional genomics.

### **Qualifications**

Those qualified for appointment as a senior lecturer, except in disciplines in the fine, applied or performing arts, are according to the Swedish Higher Education Ordinance, a person who has demonstrated teaching expertise and been awarded a PhD or has the corresponding research competence or some other professional expertise that is of value in view of the subject matter of the post and the duties that it will involve (Ordinance 2010:1064).

In addition, documented research skills in the areas defined by the description of the position above, are required. For this position, the candidate's background and competence in teaching at basic and advanced levels within this area are of particular importance. Documented experiences in teaching and developing of courses as well as in supervising Bachelor and Master student projects within bioinformatics towards large-scale DNA/RNA sequences are required. The candidate must have experiences in using LINUX operative systems, and in the development of relational databases and web interfaces for bioinformatics applications.

It is expected that any non-Swedish speaking appointee within a three-year period will master the Swedish language well enough for allowing education of students at ground level and communication with the University administrative systems.

The assessment criteria for appointment as a senior lecturer, according to the Swedish Higher Education Ordinance, shall be the degree of the expertise required as a qualification for employment. As much attention shall be given to the assessment of teaching expertise as to the assessment of other qualifying criteria laid down in the first paragraph above. Each higher education institution determines itself what assessment criteria are otherwise to apply to the appointment of a senior lecturer (Ordinance 2010:1064).

Regulations for the evaluation of qualifications for teaching positions are given in Lund University's *Rules and regulations for academic appointments*

([http://www5.lu.se/upload/PA\\_Online/Anstallningsordning\\_eng\\_130531.pdf](http://www5.lu.se/upload/PA_Online/Anstallningsordning_eng_130531.pdf))

For example, the candidate must have completed at least five weeks of training in higher education teaching and learning or acquired equivalent knowledge by other means. Under special circumstances exceptions can be made

The overall assessment will also take into consideration any personal capabilities that are of value to carry out the duties of the position well. Lund University promotes an equal opportunities code. We encourage both men and women to apply for this position.

### **Required content of the application**

The Faculty Board has specified instructions for the application and its accompanying documents. These can be found at the Internet address:

<http://www.science.lu.se/about-faculty/vacant-positions/applying-academic-post>

Information can also be obtained upon request by e-mail or ordinary mail.

By commission

Gunilla Thylander