



UNIVERSITY OF GOTHENBURG

AVAILABLE POSITION

30th of August 2010 Ref nr E 333 2729/10

University of Gothenburg, Faculty of Science, announces an available position as;

Postdoctoral Research Fellow in Mathematics,

with Specialization in Mathematical Modelling applied to Medicine,
at the Department of Mathematical Sciences

The Department of Mathematical Sciences at University of Gothenburg is one of the largest departments of mathematics in Sweden. It is responsible for undergraduate training in mathematics and statistics at the University of Gothenburg and Chalmers University of Technology, and has strong research groups in pure and applied mathematics, statistics and probability theory. The research is carried out in an international environment, and there is a long tradition of multidisciplinary research projects.

Responsibilities

The successful candidate is foremost expected to conduct research within the subject area of the position. Teaching – up to 25% of full time – is also part of the responsibilities. The research is expected to be conducted within the collaborative framework between The Sahlgrenska Academy and the Department of Mathematical Sciences within Sahlgrenska Center for Cardiovascular and Metabolic Research.

Qualification requirements

The qualification requirements as stated in the Higher Educational Ordinance are applied for the position. A Ph.D. in mathematics or related qualification is required.

Assessment

Scientific proficiency will be the most important ground for assessment of the applicant's skills. When assessing scientific proficiency, special weight is given to documented skills regarding mathematical modelling applied to research in medicine, and well documented ability for collaborations in clinical and pre-clinical research. Scientific proficiency is primarily to be shown by publications in peer-reviewed journals.

Pedagogical proficiency, documented by own teaching experience, will be given the second most important ground for assessment of the applicant's skills after scientific proficiency. University of Gothenburg strives for a more equal gender distribution among its faculty, and women are especially invited to apply for this position. Personal circumstances (such as parental leave) are considered in the appraisal of merits and are specified in connection with the account of merits and experience.

Further information about the position

Information about the position can be obtained from Professor Bo Johansson, Head of the Department of Mathematical Sciences, phone +46 (0)31 772 3535, email bo@chalmers.se or Professor Bernt Wennberg, phone +46 (0)31 772 5326, email wennberg@chalmers.se. For further information about the department, please visit our website at <http://www.chalmers.se/math/EN>

Union representatives

Union representatives: Martin Björkman, phone +46 (0)31 – 786 3608, OFR/S Astrid Igerud, phone +46 (0)31 – 786 1169, SEKO Lennart Olsson, phone +46 (0)31 – 786 1173.

Extent of employment

The employment is limited to four years, full time.

Selection Process

The selection process will include evaluation by external experts and interviews.

Application

Applications must be written in English and submitted to the Dean, Faculty of Science, University of Gothenburg.

Applications must include:

- Complete curriculum vitae, verifications of work experience, and any other documents to which the applicant chooses to refer.
- A written account of scientific and teaching experiences and any others of relevance to the position sought, as well as priory awarded research funding (limit four pages). Applicants should make clear on which merits they wish primarily to be evaluated.
- Full list of publications.
- Documentation of the applicant's pedagogical merits. Documentation must include information of teaching, and any other pedagogical activities, in quantitative as well as qualitative terms.
- A selection of at most five scientific publications which are not included in Ph.D. thesis.
- Contact information for two references.

A complete copy of the application must be sent—electronically—to the University through the following website: <http://www.science.gu.se/english/application/e333272910> .

Here applicants will find further instructions for how to submit their applications electronically.

Also, a complete hardcopy of the application must be sent—by regular mail—to the University at the following address:

Registrar, University of Gothenburg, Box 100, 405 30 Gothenburg, Sweden.

Mark the application with the following **Ref nr: E 333 2729/10**

Applications—in both electronic and paper versions—must have arrived in our offices by the end of **23th September 2010**.

DEAN