

The Center for Quantitative Genetics and Genomics (QGG), Aarhus University invites applications to a tenure track/senior scientist position in the area of Sustainable breeding plans for livestock.

The position

With this position, QGG wants to strengthen and develop the academic leadership of *Sustainable livestock breeding programs*. Ensuring high agricultural production efficiency, whilst reducing climate and environmental impact, sustainable livestock breeding faces challenges in terms of new traits, such as feed efficiency, methane emission, resilience, and welfare. At the same time new phenotyping, reproductive, and genomic technologies have become available. In light of these developments, the position requires expertise within; development of breeding goals, optimising breeding plans and developing tools for strategic and operational breeding decisions. The candidate is expected to develop a strong and competitive research program in the fields above and in addition, the position entails a strong collaboration with existing research areas within QGG. The candidate is expected to collaborate with industry partners and to perform research based policy support. You will be expected to conduct teaching at all levels as well as supervision of Master, PhD students, Postdocs.

The position is available from November 1st 2020 or as soon as possible thereafter

Qualification requirements

The successful applicant can demonstrate a high level of scientific production at a national and international level, and documentation of development within the research area stated above. Outstanding results and a high level of experience from a postdoc position including substantial, international experience are essential for tenure track appointment. Important qualifications for a senior scientist is the successful establishment of an original research programme, the ability to attract external research funding, research leadership and managing research projects, and to participate in national and international research networks.

In addition, the applicant is expected to have the following qualifications;

- A Ph.D. degree in animal breeding, quantitative genetics, statistics, or similar
- Demonstrated excellence in research in the field of the position
- Documented excellent skills in oral and written communication in English,
- Documented experience on collaboration with non-university partners,
- Documented record of attracting competitive research funding from national and international funding bodies.
- Experience in research based ministry advice is desirable

Center for Quantitative Genetics and Genomics (QGG)

The institute like center QGG, is a major center for research and education in quantitative genetics and quantitative genomics (www.qgg.au.dk/en) at Aarhus university. We perform basic and applied research within livestock and plant breeding as well as human applications within precision medicine. The research within QGG is characterized by a very close synergy between method development, basic analyses and application of the developed methods on practical problems across species in collaboration with industry partners. QGG is an international research Center with about 70 employees and visiting researchers from over 15 nations. QGG works in teams and strive for an excellent working environment. We therefore value self-leadership, open communication, respect for diversity and success in mentoring, supervision and teaching. The current location of QGG is in Foulum and Flakkebjerg. However, the main location of QGG will be the main campus in Aarhus centre. The candidate can therefore choose between working in Foulum or in Aarhus.

For further information contact Head of Center Mogens Sandø Lund, Phone: +45 20751222, e-mail: mogens.lund@qgg.au.dk

Place of Work

The work adress for the time being is Blichers Alle 20, 8830 Tjele, Denmark. However within the next year research facilities will be available in 8000 Aarhus C, Denmark.

Application Deadline:
01 September 2020

Institute/Faculty:
Center for Quantitative
Genetics and
Genomics

Faculty:
Faculty of Technical
Sciences

**Academic contact
person:**
Mogens Sandø Lund
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dk
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Vacant positions:
2

Hours per week:
37

**Expected date of
accession:**
01/01/2021

When these facilities become available, it will be possible that the work address will be in Aarhus”.

Technical Sciences Tenure Track

Aarhus University offers talented scientists from around the world attractive career perspectives via the Technical Sciences Tenure Track Programme. Highly qualified candidates are appointed as Assistant Professors for a period of six years with the prospect of performance- based advancement to a tenured Associate Professorship.

The aim of the Technical Sciences Tenure Track Programme is to:

- attract outstanding talented individuals that are competitive at an international level
- to promote the early development of independent research success early in the career of scientists
- to create transparency in the academic career path

As part of the tenure track position, the candidate is offered:

- access to research infrastructure
- capability development, including postgraduate teacher training
- a mentoring programme
- support to develop scientific networks and to secure interdisciplinary research at the highest level

As part of the Aarhus University Tenure Track Programme, the University carries out a mid-way evaluation to review the progress of the tenure track candidate after three years, according to the same criteria used in the final tenure review. The final tenure review is conducted after five and a half years. If the review is positive, the candidate will be offered a tenured position as Associate Professor at Aarhus University.

Please refer to the [tenure track guidelines](#) for the tenure review criteria and for the tenure review process.

Application procedure

Shortlisting is used. This means that after the deadline for applications – and with the assistance from the assessment committee chairman, and the assessment committee if necessary, – the head of department selects the candidates to be evaluated. The selection is made on the basis of an assessment of who of the candidates are most relevant considering the requirements of the advertisement. All applicants will be notified within 6 weeks whether or not their applications have been sent to an expert assessment committee for evaluation. The selected applicants will be informed about the composition of the committee and will receive his/her assessment. Once the recruitment process is completed a final letter of rejection is sent to the deselected applicants, including the main considerations emphasized during the selection process.

Letter of reference

If you want a referee to upload a letter of reference on your behalf, please state the referee’s contact information when you submit your application. We strongly recommend that you make an agreement with the person in question before you enter the referee’s contact information, and that you ensure that the referee has enough time to write the letter of reference before the application deadline.

Unfortunately, it is not possible to ensure that letters of reference received after the application deadline will be taken into consideration.

Formalities and salary range

Technical Sciences refers to the [Ministerial Order on the Appointment of Academic Staff at Danish Universities under the Danish Ministry of Science, Technology and Innovation](#).

The application must be in English and include a curriculum vitae, degree certificate, a complete list of publications, a statement of future research plans and information about research activities, teaching portfolio and verified information on previous teaching experience (if any). Guidelines for applicants can be found [here](#).

Appointment shall be in accordance with the collective labour agreement between the Danish Ministry of Finance and the Danish Confederation of Professional Associations. Further information on qualification requirements and job content may be found in the [Memorandum on Job Structure for Academic Staff at Danish Universities](#).

Salary depends on seniority as agreed between the Danish Ministry of Finance and the Confederation of Professional Associations.

All interested candidates are encouraged to apply, regardless of their personal background. Research activities will be evaluated in relation to actual research time. Thus, we encourage applicants to specify periods of leave without research activities, in order to be able to subtract these periods from the span of the scientific career during the evaluation of scientific productivity.

Aarhus University offers a broad variety of services for international researchers and accompanying families, including relocation service and career counselling to expat partners. Read more [here](#). Please find more information about entering and working in Denmark [here](#).

The application must be submitted via Aarhus University's recruitment system, which can be accessed under the job advertisement on Aarhus University's website.

Aarhus University

Aarhus University is an academically diverse and research-intensive university with a strong commitment to high-quality research and education and the development of society nationally and globally. The university offers an inspiring research and teaching environment to its 38,000 students (FTEs) and 8,000 employees, and has an annual revenues of EUR 885 million. Learn more at www.international.au.dk/