

# Academic employee for The Center for Quantitative Genetics and Genomics (QGG), Aarhus University

The Center for Quantitative Genetics and Genomics (QGG), Aarhus University seeks an academic employee in the area of data science to work with various livestock based data. The position begins on 1 December 2026 or as soon as possible thereafter. The position is for two years.

## Purpose and description of the position

The “green transition” motivates sustainable food production. Among the number of sustainability factors, the amount and quality of collected livestock related data is one of the key factors to drive a sustainable agriculture. These days a large-scale measurement set-ups motivate dedicated computational infrastructure and sophisticated data processing methods. This means, a collected data stored and processed within a high performance computations cluster (HPC) with specific databases (DB) associated to purpose-driven data pipelines.

The aim of this position is to advance a large-scale data inferences at QGG with the advanced software development practice targeting a linux-based HPC environments with data-specific BD and pipelining techniques.

## Tasks and responsibilities

- Administration of Linux HPC cluster and service of the related infrastructure.
- Database and related data pipelines development and administration.
- Contribute to development, test and maintenance of various QGG scientific software.
- Technical contribution to QGG research projects.

## Qualifications

Applicants should hold a bachelor or master degree in computer science or other related fields with a strong programming background with several years of industry based experience.

### The ideal candidate will have:

- Master or Bachelor degree in computer science/engineering.
- Have the proven knowledge and experience of industry based software development, especially automated data processing pipelines and database development in Linux-based environments.
- Have experience in bash scripting and overall applications development.
- Knowledge and experience of C++ , Python, SQL, JavaScript are necessary.
- Have effective communication skills in written and spoken English, for the presentation of their research to various audiences – from experts to the general public.

## Personal qualifications/social skills (relevant to the position)

- Have good interpersonal skills, ambitious, takes ownership and is scientifically self-motivated and creative.
- Can work both independently and in groups.
- Possess good communication skills, being friendly, helpful and able to contribute to a good work environment.

## Who are we and what can we offer?

[QGG](#) is an international research center with more than 80 employees and visitors from more than 20 nationalities worldwide. We offer a dynamic research environment where we value ownership, responsibility and a respectful work place culture. We conduct

**Application Deadline:**  
24 June 2026

**Institute/Faculty:**  
Center for Quantitative  
Genetics and  
Genomics

**Faculty:**  
Faculty of Technical  
Sciences

**Academic contact  
person:**  
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dk  
+4520751222

**Vacant positions:**  
1

**Number of months:**  
24

**Hours per week:**  
37

**Expected date of  
accession:**  
01/12/2026

basic and applied research within quantitative genetics and genomics and our research is characterized by a collaboration with industry partners. Hence, you will be part of a research environment where results are put to practice and are used by industry and in public sector consultancy to facilitate the green transition. QGG is part of [Aarhus University \(AU\)](#), a world class university. The city Aarhus is an exciting place to live with a strong [student community](#) and a high standard of living.

#### **Place of work and area of employment**

The place of work is C. F. Møllers Allé 3, 8000, Aarhus (Denmark), and the area of employment is Aarhus University with related departments.

#### **Contact information**

For further information please contact Center leader: Prof. Mogens S. Lund, e-mail: [mogens.lund@qgg.au.dk](mailto:mogens.lund@qgg.au.dk) phone: +45 20751222.

#### **Deadline**

All applications must be received no later than 24 June 2026.

#### **Formalities and salary range**

Salary and terms as agreed between the Danish Ministry of Taxation and the Confederation of Professional Unions.

Aarhus University's ambition is to be an attractive and inspiring workplace for all and to foster a culture in which each individual has opportunities to thrive, achieve and develop. We view equality and diversity as assets, and we welcome all applicants.

*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 37,000 students (FTEs) and 8.700 employees and has an annual revenue of EUR 1.106 billion. Learn more at [www.international.au.dk/](http://www.international.au.dk/)*