

**Jobbnorge-ID:** 242309  
**Søknadsfrist:** 04.06.2023  
**Nettside:** <http://www.ntnu.no>  
**Omfang:** Heltid  
**Varighet:** Vikariat/Midlertidig

We are looking for a

## PhD candidate in genetic epidemiology

### This is NTNU

NTNU is a broad-based university with a technical-scientific profile and a focus in professional education. The university is located in three cities with headquarters in Trondheim.

At NTNU, 9,000 employees and 43,000 students work to create knowledge for a better world.

You will find more information about working at NTNU and the application process [here](#).

Video: <https://youtu.be/Xt-yHCN5QS0>

### About the job

We have a PhD vacancy for three years at the K. G. Jebsen Center for Genetic Epidemiology, Department of Public Health and Nursing (ISM), NTNU Norway.

The Department of Public Health and Nursing (ISM) is responsible for research, teaching, innovation and dissemination in community medicine, nursing, primary health care and public health and thus actively contributing to the knowledge for a better world mission of NTNU.

We currently have a vacancy at the K. G. Jebsen Center for Genetic Epidemiology for a PhD Fellowship. This is a 3-year temporary position within the field of genetic epidemiology and statistical genetics focused on investigating the etiology of chronic kidney disease. We seek a talented, self-motivated and enthusiastic person with experience in genetic epidemiology, statistical genetics, statistics, medicine, epidemiology or biostatistics. For more information about the center, see [www.ntnu.edu/huntgenes](http://www.ntnu.edu/huntgenes) and our videopresentation: [K. G. Jebsen Center for Genetic Epidemiology](#).

For a position as a PhD Candidate, the goal is to complete doctoral education in order to obtain a doctoral degree.

The main supervisor for this project will be Ben Brumpton.

### Duties of the position

This PhD project will involve investigation of genetic and causal risk factors for chronic kidney disease (CKD) using large population-based data sets including HUNT and UK Biobank. The candidate is expected to use a wide range of statistical approaches such as genome-wide association analyses, Mendelian randomization, functional bioinformatic follow-up and network analysis to investigate which modifiable risk factors are most important for CKD.

The period of employment for the position as a PhD candidate is 3 years full-time. Admission to a doctoral degree program is a requirement.

For regulations concerning the PhD-degree at NTNU, please see: [Phd at MH](#)

### Required selection criteria

- You must have a professionally relevant background in field such as genetic epidemiology, statistical genetics, statistics, public health, health sciences, epidemiology, biostatistics, molecular biology, or a medical degree
- Your education must correspond to a five-year Norwegian degree program, where 120 credits are obtained at master's level
- You must have a strong academic background from your previous studies and an average grade from the master's degree program, or equivalent education, which is equal to B or better compared with NTNU's grading scale. If you do not have letter grades from previous studies, you must have an equally good academic basis. If you have a weaker grade background, you may be assessed if you can document that you are particularly suitable for a PhD education.
- Experience in quantitative statistical analysis
- Proven experience in academic writing
- Relevant technical knowledge and experience with statistical software (R, STATA or equivalent), programming languages (Python, Perl, C++ or equivalent) and/or distributed computation

- Proficiency in spoken and written English
- You must meet the requirements for admission to the to the PhD programme in medicine and health sciences

The appointment is to be made in accordance with [Regulations on terms of employment for positions such as postdoctoral fellow, PhD candidate, research assistant and specialist candidate](#) and [Regulations concerning the degrees of Philosophiae Doctor \(PhD\) and Philosodophiae Doctor \(PhD\) in artistic research national guidelines for appointment as PhD, post doctor and research assistant](#)

## Preferred selection criteria

- Previous research experience and/or publication
- Experience working in linux-based environments and with R or equivalent
- Excellent communication skills in English, both orally and written
- Experience in genetic epidemiology

## Personal characteristics

We seek a candidate with personal motivation and proven ability to work both independently and in a team, as well as evidence of potential as a researcher.

Emphasis will be placed on personal and interpersonal qualities.

In assessing the best-qualified applicant, their education, experience, personal suitability, and motivation for applying will be emphasized.

## We offer

- exciting and stimulating tasks in a strong international academic environment
- an open and [inclusive work environment](#) with dedicated colleagues
- favourable terms in the [Norwegian Public Service Pension Fund](#)
- [employee benefits](#)

## Salary and conditions

As a PhD candidate (code 1017) you are normally paid from gross NOK 501 200 per annum before tax, depending on qualifications and seniority. From the salary, 2% is deducted as a contribution to the Norwegian Public Service Pension Fund.

The period of employment is 3 years.

Appointment to a PhD position requires that you are admitted to the PhD programme in [Medicine and Health Sciences](#) within three months of employment, and that you participate in an organized PhD programme during the employment period.

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The engagement is to be made in accordance with the regulations in force concerning [State Employees and Civil Servants](#), and the acts relating to Control of the Export of Strategic Goods, Services and Technology. Candidates who by assessment of the application and attachment are seen to conflict with the criteria in the latter law will be prohibited from recruitment to NTNU. After the appointment you must assume that there may be changes in the area of work.

The position is subject to internal funding.

It is a prerequisite you can be present at and accessible to the institution daily.

## About the application

The application and supporting documentation to be used as the basis for the assessment must be in English.

Publications and other scientific work must follow the application. Please note that your application will be considered based solely on information submitted by the application deadline. You must therefore ensure that your application clearly demonstrates how your skills and experience fulfil the criteria specified above.

The application must include:

- CV and certificates
- transcripts and diplomas for bachelor's and master's degrees. If you have not completed the master's degree, you must submit a confirmation that the master's thesis has been submitted.
- A copy of the master's thesis. If you recently have submitted your master's thesis, you can attach a draft of the thesis. Documentation of a completed master's degree must be presented before taking up the position.
- Name and contact information of three referees
- If you have publications or other relevant research work

If all, or parts, of your education has been taken abroad, we also ask you to attach documentation of the scope and quality of your entire education, both bachelor's and master's education, in addition to other higher education. Description of the documentation required can be found [here](#). If you already have a statement from NOKUT, please attach this as well.

We will take joint work into account. If it is difficult to identify your efforts in the joint work, you must enclose a short description of your participation.

In the evaluation of which candidate is best qualified, emphasis will be placed on education, experience and personal and interpersonal qualities. Motivation, ambitions, and potential will also count in the assessment of the candidates.

NTNU is committed to following evaluation criteria for research quality according to [The San Francisco Declaration on Research Assessment - DORA](#).

## General information

[Working at NTNU](#)

NTNU believes that inclusion and diversity is our strength. We want to recruit people with different competencies, educational backgrounds, life experiences and perspectives to contribute to solving our social responsibilities within education and research. We will facilitate for our employees' needs.

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**The city of Trondheim** is a modern European city with a rich cultural scene. Trondheim is the innovation capital of Norway with a population of 200,000. The Norwegian welfare state, including healthcare, schools, kindergartens and overall equality, is probably the best of its kind in the world. Professional subsidized day-care for children is easily available. Furthermore, Trondheim offers great opportunities for education (including international schools) and possibilities to enjoy nature, culture and family life and has low crime rates and clean air quality.

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As an employee at NTNU, you must at all times adhere to the changes that the development in the subject entails and the organizational changes that are adopted.

A public list of applicants with name, age, job title and municipality of residence is prepared after the application deadline. If you want to reserve yourself from entry on the public applicant list, this must be justified. Assessment will be made in accordance with [current legislation](#). You will be notified if the reservation is not accepted.

If you have any questions about the position, please contact associate professor Ben Brumpton, email [ben.brumpton@ntnu.no](mailto:ben.brumpton@ntnu.no). If you have any questions about the recruitment process, please contact HR-consultant Rebecca Hembre Storli, e-mail: [rebecca.h.storli@ntnu.no](mailto:rebecca.h.storli@ntnu.no)

If you think this looks interesting and in line with your qualifications, please submit your application electronically via [jobb norge.no](http://jobb norge.no) with your CV, diplomas and certificates attached. Applications submitted elsewhere will not be considered. Upon request, you must be able to obtain certified copies of your documentation.

**Application deadline: 04.06.2023**

## NTNU - knowledge for a better world

### NTNU - knowledge for a better world

The Norwegian University of Science and Technology (NTNU) creates knowledge for a better world and solutions that can change everyday life.

The Department of Public Health and Nursing (ISM) is responsible for research, teaching, innovation and dissemination in community medicine, nursing, primary health care and public health. The Department's activities in both research and education focus on the needs of the primary health service.

ISM is one of eight departments at the Faculty of Medicine and Health Sciences, and has about 360 employees in permanent and temporary positions. For more information on ISM, see: [www.ntnu.edu/ism](http://www.ntnu.edu/ism).

## Tilleggsinformasjon

### Arbeidssted:

Trondheim