

Jobbnorge-ID: 141362

Søknadsfrist: Avsluttet

Nettside:

Omfang:

Varighet:

RESEARCH ASSOCIATE IN GENETIC EPIDEMIOLOGY (MENDELIAN RANDOMIZATION) AT THE K.G. JEBSEN CENTER FOR GENETIC EPIDEMIOLOGY, NTNU, TRONDHEIM, NORWAY

The collaboration between the K.G. Jebsen Center for Genetic Epidemiology at the Department of Public Health and Nursing, NTNU and the MRC Integrative Epidemiology Unit at the University of Bristol are jointly announcing a Post Doctoral Fellow or Researcher position. This is a 3 year temporary position.

The candidate is expected to spend 2 years of the position at the K. G. Jebsen Center for Genetic Epidemiology at ISM, NTNU, and 1 year of the position at the MRC Integrative Epidemiology Unit in Bristol, UK. For more information, see www.ntnu.edu/huntgenes and www.bristol.ac.uk/integrative-epidemiology/. For information about the department, see www.ntnu.edu/ism.

Specific responsibilities

The focus of this research is on Mendelian randomization studies, utilizing large-scale array based genotyping data combined with comprehensive health registries to examine causal associations of modifiable exposures. We are interested in candidates with a strong interest in the field of causal epidemiology.

Successful candidates will be responsible for both the application and development of new methodologies in Mendelian randomization using information from large population-based cohorts available to the K.G. Jebsen Center for Genetic Epidemiology. This includes genotype data on more than 70,000 individuals linked with comprehensive health information from both local and national health registries such as information from hospitals, primary care, the birth registry, the death registry and the prescription registry.

More specifically, we see exciting opportunities for between-sibling and intergenerational Mendelian randomization, Mendelian randomization of health-related behaviours, multivariable Mendelian randomization, and automatization of bi-directional Mendelian randomization. Mendelian randomization using genetic variation in known drug target genes for information on efficiency and safety of pharmaceutical therapies is a central area of interest. See www.ntnu.edu/web/huntgenes/positions-mr for more details.

Qualifications

Successful applicants must hold a doctorate in a relevant field for the position, such as epidemiology, medicine, genetics, and biostatistics. The applicants will primarily be assessed on their documented scholarly achievements.

Emphasis will also be placed on personal aptitude. It is important that applicants have good collaborative skills, and have the ability to work across traditional disciplinary boundaries.

Successful candidates are highly motivated and exhibit a commitment to build a career path within genetic epidemiology. In addition, successful candidates must demonstrate fluent English language skills as this is our day-to-day working language.

The position will include structured mentorship and support for applying for additional funds.

Specific requirements

Considerable and relevant expertise in the fields of genetic epidemiology and statistics will be weighted. Competitive applicants will have experience with statistical software (R, Stata, SAS or equivalent). Demonstrated scientific creativity, insight in medicine and molecular biology, and familiarity with population based high-throughput genotyping is an advantage.

General information

We offer:

- Challenging and stimulating work and a good work environment
- Good pension, insurance and loan schemes in the Norwegian Public Service Pension Fund

NTNU is an equal opportunity employer and welcomes applicants from both EU/EEA and non-EU countries. The university is strongly committed to diversity within its community and welcomes applications from members of ethnic minorities.

A good work environment is characterized by diversity. We encourage qualified candidates to apply, regardless of their gender, functional capacity or cultural background. If necessary, we will adapt the workplace for people with disabilities. Increasing the number of women in academic positions is an important priority for the Norwegian University of Science and Technology.

Chosen applicants will be invited to an interview.

More information regarding moving to Trondheim, Norway and working at NTNU: <http://www.ntnu.edu/nirs>.

Depending on qualifications and academic background, Post-doctoral (1352) candidates at the Faculty of Medicine and Health Sciences will be remunerated at wage levels 57-60 on the Norwegian State salary scale, with gross salary from NOK 490 500 - NOK 517 300 per year, of which 2 % is deducted for the Norwegian Public Service Pension Fund. Researcher (1109) is remunerated at wage levels 57 - 72 on the Norwegian State salary scale, with gross salary from NOK 490 500 - 649 800, normally remunerated at wage levels 57 - 66 (NOK 490 500 - NOK 578 900) of which 2 % is deducted for the Norwegian Public Service Pension Fund.

How to apply:

The application must include a concise summary of the applicant's education, qualifications, previous experience, and motivation for the position. In addition, the application should contain the following attachments:

1. CV, diplomas, certificates and references
2. Up to 5 academic works - published or in press in international peer-reviewed journals - that the applicant wishes to be taken into account in the assessment of the application. If it is difficult to identify applicants' contribution to joint work, the applicant must include a brief description of his or her contribution.
3. Statement from at least one former mentor/supervisor/tutor/teacher
4. Contact information for two references (including email addresses and telephone number)
5. Other relevant information

Candidates from universities outside Norway must include a Diploma Supplement or a similar document, which describes in detail the study and grade system and the rights for further studies associated with the obtained degree: http://ec.europa.eu/education/resources/diploma-supplement_en.

Candidates from non-English speaking countries outside the Nordic countries must provide official documentation of their English competence. Approved tests are TOEFL, IELTS and Cambridge Certificate in Advanced English (CAE) or Cambridge Certificate of Proficiency in English (CPE). The following results are required: TOEFL: 600 / writing 4.5 (paper-based test), 92 / writing 22 (internet-based test) IELTS: 6.5, with no section lower than 5.5 (only Academic IELTS test accepted) CAE/CPE: grade B or A.

Applications are to be submitted electronically through this website by **30th September 2017**.

For further information about the positions, please contact:

Professor Bjørn O. Åsvold, Responsible for Mendelian randomization, K.G. Jebsen Center for Genetic Epidemiology, Telephone: +47-92466240 or Email: bjorn.o.asvold@ntnu.no.

or

Professor Kristian Hveem, Head of K.G. Jebsen Center for Genetic Epidemiology, Telephone: +47-47652530 or Email: kristian.hveem@ntnu.no.

or

Professor Siri Forsmo, Head of Department, Department of Public Health and Nursing (ISM), Faculty of Medicine and Health Sciences, NTNU, Norwegian University of Science and Technology, Telephone: +47-97181531 or Email: siri.forsmo@ntnu.no.

For further information about the application process, please contact:

HR-consultant Marta Aandahl, Human Resources Division, Faculty of Medicine and Health Sciences, NTNU, Norwegian University of Science and Technology, Telephone +47 90553511 or Email: marta.aandahl@ntnu.no.

Please note that under the Norwegian Civil Service Act, information about applicants may be made public even though the applicant has requested not to be included on the list of applicants.

Tilleggsinformasjon

Arbeidssted: