



UNIVERSITETET
I OSLO

Jobbnorge-ID: 146388

Søknadsfrist: Closed

Nettside:

Omfang:

Varighet:

Postdoctoral Research Fellowship position in Psychiatric Genetics

At the Institute of Clinical Medicine, the CoE NORMENT - KG Jebsen Research Centre in Psychosis, University of Oslo, there is a post-doctoral research fellowship position available. The CoE NORMENT runs a multicenter study involving all psychiatric hospital departments in Oslo and several research groups at the University of Oslo (UiO). The purpose is to study how biological/genetic, psychological and environmental factors contribute to severe mental disorders.

The CoE NORMENT has used their infrastructure for clinical evaluations, neuropsychological testing, MRI brain imaging and biobanking to collect a large database. Specifically, we have collected a large number of genetic and brain imaging data on patients with schizophrenia and bipolar disorder. We are also actively collaborating with large international consortia, including ENIGMA and PGC, and the current project is focused on long range phasing analysis of Scandinavian populations, in collaboration with deCODE genetics and Nordic partners.

The post-doctoral fellow will work in a project funded by the Research Council of Norway. The research will involve molecular genetics and biostatistical approaches, including data modeling via bioinformatics and/or biostatistical methods; the goal is to quantitatively characterize the genotype-phenotype mapping, using datasets from whole genome studies. The work will involve multivariate models to identify and quantify the genetic contribution to development of human disorders, focusing on psychiatric disorders.

One purpose of post-doctoral research fellowships is to qualify researchers for work in top academic positions within their disciplines.

Qualifications and requirements

- A doctoral degree (PhD) in molecular genetics, medicine, statistics, bioinformatics, or equivalent. It is acceptable if the degree will be formally obtained within 3 months from the deadline of the present call (the thesis must be approved prior to hiring).
- The ideal candidate has methodological expertise and applied experience within large scale molecular genetics analysis, and familiarity with MATLAB, R and/or Python, and an outstanding potential and genuine interest in applying analytical methodology for gene discovery.
- Background in population or evolutionary genetics, microarray statistics, Bayesian methods, and information theoretic learning, among others, can also be useful, and knowledge of molecular genetics is a requirement.

The fellow will be key scientific personnel in the project. The post-doctoral fellow will work at the CoE NORMENT - KG Jebsen Centre for Psychosis research, in collaboration with Genetics Group at Oslo University Hospital/University of Oslo. More about the centre: <http://www.med.uio.no/norment/english/>. The project is based on collaboration with University of California, San Diego (UCSD), and deCODE Genetics, Iceland. The position may involve a period working abroad.

The ideal candidate

- Is ambitious and highly motivated for pursuing a career in science
- Has a strong background in modeling, computation, and large-scale-data-analysis, and interested in application of the methods
- Is goal oriented and enjoys working within a cross-disciplinary team
- Has very good collaborative skills
- Has excellent written and oral communication skills in English

Personal suitability for the position will also be emphasized.

The position is funded for three years.

Please also refer to the [regulations](#) pertaining to the conditions of employment for post-doctoral research fellow positions.

For more information about the project:

Professor Ole Andreassen, phone + 47 99038893, o.a.andreassen@medisin.uio.no

Professor Srdjan Djurovic, phone +47 22119890, srdjan.djurovic@medisin.uio.no

We offer

- An exciting research environment with a multidisciplinary profile and large opportunities for academic development.
- Salary: Postdoctoral Research Fellow (SKO 1352) with a salary level of NOK490.900-569.000 per year, depending on qualifications
- Favorable pension arrangements
- Attractive welfare arrangements

The application must include:

- Application letter, including motivation for applying for the position

- CV (summarizing education, positions, academic work-scientific publications and other relevant activity)
- A complete list of any publications and academic work
- Copies of educational certificates and transcripts of records
- Contact details of 2 referees (name, relation to candidate, e-mail and phone number)

Please remember that all documents should be in English or a Scandinavian language.

All applications must be registered electronically via link on this website. Questions regarding electronic registration of application can be directed to HR Advisor Erlend Huglen; erlend.huglen@medisin.uio.no , +47 22 84 46 91.

In accordance with the University of Oslo's equal opportunities policy, we invite applications from all interested individuals regardless of gender or ethnicity.

UiO has an Acquisition of Rights Agreement for the purpose of securing rights to intellectual property created by its employees, including research results.

According to the Norwegian Freedom of Information Act (Offentleglova) § 25, Chapter 2, demographic information about the applicant may be included in the public applicants list, even if the applicant opts out from the entry in the application list.

Tilleggsinformasjon

Arbeidssted: