UNIVERSITETET I OSLO

Jobbnorge-ID: 259765
Søknadsfrist: 14.04.2024
Nettside: http://www.uio.no/
Omfang: Heltid
Varighet: Åremål

Department of Psychology

Postdoctoral research fellow

Job description

Applications are invited for a 3-year position as postdoctoral fellow at the Department of Psychology, University of Oslo. An extension of up to one year can be considered with the addition of up to 25% teaching and administrative duties, depending on the competence of the applicant and the needs of the department. The position is co-funded by the Research Council of Norway and the University of Oslo as part of a Large-scale Interdisciplinary Researcher Project (Fellesløftet).

Through a close collaboration between several partners and by combining environmental and genetic data with brain imaging and clinical measures, the project aims to increase our understanding of mental disorders and other conditions affecting the brain. The candidate will be integrated with the Multimodal Imaging group and will have an important role in the project team, which includes several postdoctoral and Ph.D. fellows and colleagues at all levels both at the University of Oslo and Oslo University Hospital. Key tasks include to develop and implement AI-based analysis (e.g. deep learning) to integrate neuroimaging, clinical and genetic data across international cohorts, and to interpret and prepare results for publication and other forms of dissemination. Additionally, the candidate is expected to contribute to the harmonised data management structure and liaison with national and international collaborators.

Qualification requirements and personal skills

The following criteria are **required**:

- Applicants must hold a doctoral (ph.d. or equivalent) degree in psychology, medicine, biology or computational neuroscience or genetics, or similar. Candidates who will complete and defend their degree within the starting date will be considered.
- Previous experience with analysis of genetic and brain MRI data.
- Previous experience with statistical analysis and programming (R, python or similar).
- Previous experience with neuroimaging processing tools (FreeSurfer, FSL or others).
- Hands-on experience with deep learning frameworks (Tensorflow, pytorch or similar).
- Excellent communication and collaborative skills (team player).
- Excellent English scientific writing skills.

The following criteria are **advantageous**:

- Previous experience with predictive modelling of clinical conditions based on brain MRI data.
- Previous experience with processing, curating and unifying large neuroimaging datasets.
- Previous experience with interdisciplinary and international research projects.
- Documented interest in and experience with mental health research.
- Experience with supervising students.
- Documented experience with Open science practices and open-source technology.

We offer

- Salary NOK 604 900 - 692 400 per annum depending on qualifications in position as Postdoctoral Research Fellow (position code 1352)
- An ambitious and exciting research environment with a strong multidisciplinary profile and excellent opportunities for academic development.
- attractive welfare benefits and a generous pension agreement, in addition to Oslo's family-friendly environment with its rich opportunities for culture and outdoor activities
- Starting date: Approx. July 2024, but negotiable

How to apply

The application must include

- Cover letter (statement of motivation, summarizing scientific work and research interest)
- CV (summarizing education, positions, pedagogical experience, administrative experience and other qualifying activity)
- Copies of educational certificates (academic transcripts only)
- List of publications, if any (including preprints with valid links). Publications should not be submitted along with the initial application.
- List of reference persons: 2-3 references (name, relation to candidate, e-mail and phone number)

The application with attachments must be delivered in our electronic recruiting system. Foreign applicants are advised to attach an explanation of their University's grading system. Please note that all documents should be in English (or a Scandinavian language).

In assessing the applications, special emphasis will be placed on relevant experience, the candidate’s motivation, and personal suitability. Interviews will be performed as part of the selection process.
It is expected that the successful candidate will be able to complete the project in the course of the period of employment.

Formal regulations

Please see the guidelines and regulations for appointments to Postdoctoral fellowships at the University of Oslo.

No one can be appointed for more than one Postdoctoral Fellow period at the University of Oslo.

This is a project funded by the Research Council of Norway and applicants with a previous postdoctoral fellowship funded by the research council cannot be appointed for this position.

According to the Norwegian Freedom of Information Act (Offentleglova) information about the applicant may be included in the public applicant list, also in cases where the applicant has requested non-disclosure.

Inclusion and diversity are a strength. The University of Oslo has a personnel policy objective of achieving a balanced gender composition. Furthermore, we want employees with diverse professional expertise, life experience and perspectives.

If there are qualified applicants with disabilities, employment gaps or immigrant background, we will invite at least one applicant from each of these categories to an interview.

Contact information

Professor Lars T. Westlye, e-mail: l.t.westlye@psykologi.uio.no

HR-officer Mathilde Røed Jørgensen, e-mail: m.r.jorgensen@psykologi.uio.no for questions related to electronic applications:

About the University of Oslo

The University of Oslo is Norway’s oldest and highest ranked educational and research institution, with 28 000 students and 7000 employees. With its broad range of academic disciplines and internationally recognised research communities, UiO is an important contributor to society.

The Department of Psychology is one of seven units of the Faculty of Social Sciences, and has 75 permanent and 70 temporary members of scientific staff. Degrees are offered at bachelor and master level, plus a clinical training programme, and the PhD programme has 140 students.

Tilleggsinformasjon

Arbeidssted:

Boks 1072 Blindern 0316 Oslo (Oslo Kommune)