Postdoctoral Research Fellowship in pharmacoepidemiology and biostatistics

About the position
Pharmacy at Faculty of Mathematics and Natural Sciences, University of Oslo, Norway. The fellowship will be for a period of 3 years. Starting date as soon as possible.

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

Job/project description
The position is part of the PharmacoEpidemiology and Drug Safety Research Group at the Department of Pharmacy, Faculty of Mathematics and Natural Sciences, University of Oslo. The research group includes 4 full time researchers, 4 adjunct positions and over 10 PhD-students and post doc’s making up a group of more than 20 individuals. The PharmaSafe Research group at UiO is internationally recognized, with interests spanning a broad range of areas including pharmacoepidemiology, medication safety and clinical pharmacy, with special focus on vulnerable patient groups. The research group is multidisciplinary and has expertise within pharmacoepidemiology, biostatistics, genetics, psychiatry, pharmacotherapy and clinical pharmacy.

The candidate will be working on the IMI ConcepTION project, a collaborative European research project within the IMI (Innovative Medicines Initiative) program aimed at generating and disseminating evidence on the effects of medicines used in pregnancy and during lactation. The background for this large European project is the lack of knowledge about safety of prenatal exposure to medication.

The post doc will be involved in several studies using advanced statistics and causal inference methods to study associations between medication use during pregnancy and pregnancy outcomes. One study will specifically aim to study the safety of antimigraine medications in pregnancy. Focus will also be on maternal health outcomes (e.g. preeclampsia) in pregnancy. The epidemiological data consists of data from various secondary data sources such as prescription data, patient registries and medical birth registries from several European countries. The candidate will also be involved in one human lactation study.

The candidate will also be included in the PharmaTox Strategic Research Initiative at the Faculty of Mathematics and Natural Sciences, University of Oslo. PharmaTox is a multidisciplinary center comprising strong research environments in pharmaceutical bioscience, biology, bioinformatics and statistics.

Read more here:
PharmaSafe: www.mn.uio.no/farmasi/english/research/groups/pharma-safe/index.html
ConcePTION: https://www.imi-conception.eu/
PharmaTox: www.mn.uio.no/farmasi/english/research/groups/pharmatox/

Qualification requirements
The Faculty of Mathematics and Natural Sciences has a strategic ambition of being a leading research faculty. Candidates for these fellowships will be selected in accordance with this, and expected to be in the upper segment of their class with respect to academic credentials.

Required qualifications:
- Applicants must hold a degree equivalent to a Norwegian doctoral degree in epidemiology or biostatistics. Doctoral dissertation must be submitted for evaluation by the closing date. Only applicants with an approved doctoral thesis and public defense are eligible for appointment
- Competence in the application of advanced epidemiological and causal inference methods
- Research experience within pharmacoepidemiology and analysis of large-scale data sets
- Fluent oral and written communication skills in English

The following qualifications will count in the assessment of the applicants:
- Good computational and coding skills (e.g. STATA, R, SAS)
- High motivation for a research career, documented primarily via original publications in peer-reviewed scientific journals

Personal skills
- Ability to work independently as well as in multidisciplinary teams
- Ability to give and receive constructive scientific criticism
- Resourceful, structured, and results-oriented
We offer

- Salary NOK 523 200 - 605 500 per year depending on qualifications in position as Research Fellowship (position code 1352)
- A professionally stimulating working environment
- Postdoctoral development programmes
- 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

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 transcript of records and letters of recommendation
- A complete list of publications and up to 5 academic works that the applicant wishes to be considered by the evaluation committee
- Names and contact details of 2-3 references (name, relation to candidate, e-mail and telephone 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 the documented, academic qualifications, the project description (whenever this is required in the call for applicants), and the quality of the project as well as the candidates motivation and personal suitability. Interviews with the best qualified candidates will be arranged.

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.

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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.

The University of Oslo has an agreement for all employees, aiming to secure rights to research results etc.

The University of Oslo aims to achieve a balanced gender composition in the workforce and to recruit people with ethnic minority backgrounds.

Contact information

For further information please contact Professor Hedvig Nordeng, phone: +47 22856604, e-mail: h.m.e.nordeng@farmasi.uio.no

For technical questions regarding the recruitment system, please contact HR Adviser Therese Ringvold, e-mail: therese.ringvold@mn.uio.no.

About the University of Oslo

The University of Oslo is Norway’s oldest and highest rated institution of research and education with 28 000 students and 7000 employees. Its broad range of academic disciplines and internationally esteemed research communities make UiO an important contributor to society.

The Department of Pharmacy has 130 employees. We have an active research and innovation environment based on independent research in pharmaceutical topics. The Department of Pharmacy is responsible for the popular master's degree program in pharmacy and has 350 competent and committed students.

Pharmaceutical related research and education forms the base of all activities at the Department of Pharmacy. The science of pharmacy lies in the interface between the natural sciences, pharmaceutical technology, health related topics and social sciences. This interdisciplinarity is reflected both in our study programmes and in our research.

Jobbnorge-ID: 188294, Søknadsfrist: 1. september 2020