Postdoctoral Research Fellow in e-health - two positions

About the position
Two 2.5 year postdoc positions are available at the Digital Innovation research group, Department of informatics, University of Oslo, in a research project in partnership with the Center for Connected Care (C3). C3 is a center for research-based innovation funded by the Research Council of Norway. The aim of the centre is to develop knowledge concerning new and innovative health services like home hospital, remote monitoring and follow-up of patients. The centre is coordinated by Oslo University Hospital and includes 18 partners from other research institutions, hospitals, municipalities and business organizations. In addition, C3 is affiliated with a number of international health players.

The 2 postdoctoral positions are funded through an IKTPLuss grant from the Research Council of Norway for the project DigiRemote and part of a Norway-China collaborative research program. The DigiRemote project focuses on development, use, and scaling of IT solutions supporting remote patient monitoring and care in two contexts: patient rehabilitation at home after thoracic (heart and lung) surgery in Shanghai, China, and patient monitoring and remote care by both hospitals and primary care institutions in Oslo, Norway. The project involves hospitals, research institutions, and IT suppliers in both China and Norway. Based on interdisciplinary research, the aim of the project is to develop services, processes and solutions for scaling digital remote care based on the patient's needs in a sustainable way that facilitates favourable conditions for the health industry.

Starting date to be agreed upon with the Department of Informatics.

No one can be appointed for more than one Postdoctoral Research Fellowship at the University of Oslo.

Project description
The 2 postdoctoral research fellows will be members of the DigiRemote project team. Their responsibilities will be to take part in the project activities in collaboration with the research team, and to conduct empirical research on the services developed and tested out. Their research should contribute to the establishment of such services which can be scaled up to serve the user communities (health care workers in health care institutions and patients) at municipal, regional, and national levels.

One candidate should cover research related to the following topics:
- digital innovation and transformation in healthcare
- scaling strategies for remote care
- design of information infrastructures for remote care
- sociotechnical aspects of scaling

One candidate should cover research related to the following topics:
- Study design, implementation and evaluation of clinical medical technology projects
- the establishment of new services covering medical, organizational, and technological aspects related to the design, operation, and scaling of services.
- developing and applying methods for early assessment of digital innovation and improvement work in the health service, and mapping health effects through clinical research.

Both candidates should be involved in research related to the new remote care services both in China and Norway. However, the collection of data has to be adapted to the further evolution of the Covid-19 pandemic.

The main purpose of a postdoctoral fellowship is to provide the candidates with enhanced skills to pursue a scientific top position within or beyond academia. To promote a strategic career path, all postdoctoral research fellows are required to submit a professional development plan no later than one month after commencement of the postdoctoral period.

Qualification requirements
The Faculty of Mathematics and Natural Sciences has a strategic ambition to be among Europe’s leading communities for research, education and innovation. 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.

The preferred candidates for this position will fulfill the following criteria:
- A PhD degree in a discipline relevant for e-health research like medicine or Information Systems. Doctoral dissertation must be submitted for evaluation by the closing date. Only applicants with an approved doctoral thesis and completed defence are eligible for appointment.
- Having a research background covering the research topics of one of the positions as described above,
- Experience with interdisciplinary research and qualitative research methods.
- Excellent English skills, orally and in writing.

The following qualifications will be considered as an advantage:
- Experience with interdisciplinary research and qualitative research methods.
Experience from working in the industry as well as in policy/regulation.
Experience from teaching and supervising students including at the master level.
Skills in Chinese and/or Norwegian.

**We offer**
- Salary NOK 526,000 - 608,200 per year depending on qualifications in position as Postdoctoral Research Fellowship (position code 1352)
- Attractive welfare benefits and a generous pension agreement
- Professionally stimulating working environment
- Vibrant international academic environment
- Postdoctoral development programmes
- Oslo's family-friendly surroundings with their 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, 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.

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

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:

Associate Professor Miria Grisot, Project Manager, miriag@ifi.uio.no, or
Professor Ole Hanseth, Ole.Hanseth@ifi.uio.no

For technical questions regarding the recruitment system, please contact HR Adviser Torunn Standal Guttormsen, e-mail: t.s.guttormsen@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 7,000 employees. Its broad range of academic disciplines and internationally esteemed research communities make UiO an important contributor to society.

The Department of Informatics (IFI) is one of nine departments belonging to the Faculty of Mathematics and Natural Sciences. IFI is Norway’s largest university department for general education and research in Computer Science and related topics.

The Department has more than 1,800 students on bachelor level, 600 master students, and over 240 PhDs and postdocs. The overall staff of the Department is close to 370 employees, about 280 of these in full time positions. The full time tenured academic staff is 75, mostly Full/Associate Professors.

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