

PhD scholarship in Environmental Epidemiology

PhD scholarship in Environmental Epidemiology - Folkehelseinstituttet



The Norwegian Institute of Public Health's vision is "better health for all." We produce, summarize and communicate knowledge for the public health sector and healthcare services. Our main activities are emergency preparedness, research and health analysis, risk assessment and systematic reviews, providing advice, services, communication and infrastructure for knowledge. Infrastructure for knowledge comprises registries, health surveys, biobanks and laboratory services. The Institute is a government organization under the Ministry of Health. We have approximately 1,400 employees located in Oslo and Bergen.

The Institute is an Inclusive Working Life (IA) employer and is committed to diversity. We urge qualified candidates to apply for a job with us, regardless of gender, age, disability, ethnic or national background.

A PhD position in environmental epidemiology, on endocrine disrupting compounds (EDCs) and health, and mediation through gut microbiota, is open from June 15th 2017, at the Norwegian Institute of Public Health (NIPH), Department of environmental exposure and epidemiology. The position lasts for 3 years.

Research Project: The position is funded by the prestigious Marie Skłodowska-Curie Actions (MSCA) Innovative Training Network (ITN) program that is an initiative by the EC to foster academic-industrial collaboration in the frame of an innovative and entrepreneurial PhD training program. The project "PROTECTED" will fund altogether 15 PhD students around Europe, of which 4 will be in Norway (one at NIPH).

For more information on MSCA-ITN, visit: http://ec.europa.eu/research/mariecurieactions/index_en.htm

The focus of research at NIPH is in environmental epidemiology, specifically to study how toxicants in a mixture interact to cause effects. We will utilize one of the very best characterized human mother-child cohort in Europe within environmental epidemiology, with more than 150 different environmental toxicants measured, simultaneously we have detailed assessment of gut microbiota (Illumina, SCFA, candida, metabolomics) and nutrition (nutritional composition of human milk, FFQ) enabling studies of interaction and mediation with these factors. We will also utilize corresponding data from a conducted mice experiment and corroborate findings whenever possible. Within the scope of this project hormonal activity of human milk will also be measured. In addition to the in dept exposure and effect biomarkers, we have hard end points such as cognition and ADHD in the children who have been followed from birth until the age of 12. Top expertise on advanced statistical tools such as Elnet, BMA etc is in the project and will be applied to study mixtures. The work will be performed in a team consisting of national researchers as well as highly renowned international members in Rob Knight's lab in USC.

An exciting research project with a steep learning curve and a possibility to train among the best, can be anticipated.

We only accept electronic applications registered at our website: www.fhi.no

Applications should include (electronically) a letter of intent, curriculum vitae, full publication list, copies of degree certificates and transcripts of academic records (certified copies must be made available when an interview is scheduled) and a list of minimum two, preferable four persons who may act as references (with phone numbers and e-mail addresses). Publications should be included electronically within the application deadline.

Job description

- The successful candidate is expected to enter a plan for the progress of the work towards a PhD degree during the first months of the appointment, with a view to completing a doctorate within the PhD scholarship period of 36 months. There will be several possible paths within the overall data described above, which the PhD student will have the possibility to influence upon.
- The student will be expected to run statistical analysis and publish papers on the topic of his/her PhD project, and to participate in other ongoing projects when relevant.
- The student will also be responsible in preparing PROTECTED reports to the EU, have to be willing and able to perform secondments and participate in an ambitious training program, partly at the facilities of other consortium members in Europe as well as possible training in Rob Knight's lab in San Diego, US.

Deadline for application:

30/01/2017

Key info:

Advertiser:
Folkehelseinstituttet

Ref. nr.: 1703 SM
Full or part time (%):
100%
Temp
Start date: 15/06/2017
Number of positions: 1

Contact info:

Merete Åse Eggesbø
Forsker
(+47) 32845942
merete.eggesbo@fhi.no

Search criteria:

Location

Oslo

Industry

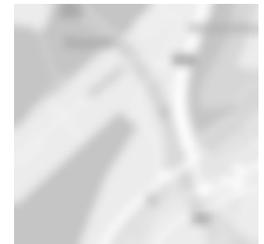
Health / Social sector

Special field

R&D

Job location:

Lovisenberggt 8, 0403
Oslo



[Show job location on larger map](#)

Qualifications

- Must not have resided or carried out their main activity in Norway for more than 12 months in the 3 years immediately prior to their selection for this post.
- Must be in the first 4 years (full-time equivalent) of their research careers and not yet have been awarded a doctorate (the four-year period is measured from the date of obtaining the degree which would formally entitle to embark on a doctorate).
- Be eligible and qualified for enrolment in the PhD program at Oslo University (which corresponds to a five-year Norwegian degree program, where 120 credits correspond to master's degree level).
- 1st class or 2.1 Honor Degree or equivalent in epidemiology, biology, toxicology, bioinformatics, medicine or related discipline
- Excellent verbal and writing communication skills.
- Strong analytical and problem solving skills
- Ability to logically conceptualize and summarize research findings.
- Ability to interact/ collaborate with colleagues, but at the same time ability to work independently
- Ability to organize resources, manage time and meet deadlines.
- Flexible and with the ability to work in different countries/environments as the project involves short periods in other labs
- Prior scientific publication(s), knowledge of statistical tools and/or training in medicine or epidemiology will be an advantage

Personal qualities

- We seek a highly motivated and exceptionally hardworking candidate, dedicated to this project.

We offer

- An interdisciplinary and inclusive environment that provides exciting research- and development opportunities.
- Daily contact with inspiring and skilled colleagues in an international and dynamic environment.
- Various welfare schemes.
- The salary for PhD-scholarship start at wage grade 50 (equivalent to an annual salary of approximately NOK 435.500,-) on the Norwegian Government salary scale upon employment and follow ordinary meriting regulations. A generous travel allowance of 600 euro comes in addition to the salary, enabling training abroad.