Four postdoc positions in Biostatistics are offered at the University of Oslo (UiO), Norway. The positions are each three years appointments for fellows incoming from abroad.

por webadmin - miércoles, marzo 04, 2020

http://www.biometricsociety.net/2020/03/04/four-postdoc-positions-in-biostatistics-are-offered-at-the-university-of-oslo-uio-norway-the-positions-are-each-three-years-appointments-for-fellows-incoming-from-abroad/

Call: https://www.med.uio.no/english/research/scientia-fellows/apply/
Deadline for submission: 30th April 2020
IMPORTANT! Deadline for **contacting the UiO** PI: **20th March 2020**

SCIENTIA FELLOWS is a transnational research fellowship programme in the field of Health Life Sciences at UiO, funded by the EU Horizon 2020 under the Maria Sk?odowska-Curie scheme.

The purpose of the three years postdoc is to produce scientific results of the highest quality, in collaboration with your host at UiO and its other partners. You will also be part of UiO's career development programme designed for researchers at the beginning of their career, including our Health Innovator course which aims to provide researchers with tools and insight into how innovation can be put to work for the benefit of patients, the healthcare system and society. At completion of your three year term, your academic profile will be such that you can successfully apply to the best research positions worldwide.
All four positions will be at the Oslo Center for Biostatistics and Epidemiology (OCBE), UiO (https://www.med.uio.no/imb/english/research/centres/ocbe/), and in collaboration with the Oslo University Hospital.

Eligibility:
· You possess a PhD degree (at the latest by 1 July 2020) in statistics, biostatistics, mathematics, computer science or other related disciplines with a documented competence in statistics, biostatistics or mathematics.
· You have not been resident in Norway for more than 12 months in the last 3 years.

You apply for each position separately, for just one or more. Mention clearly which position you are applying for. See descriptions below and here: https://www.biginsight.no/news/2020/2/24/scientia-fellow-ii-postdoc-positions.

If you are interested in any of these positions, please contact the corresponding UiO PI by sending her/him an email with your CV and links to your papers as early as possible and by March 20th, 2020. You and your UiO host PI will identify common research interests and discuss the concept of your research proposal. While you are responsible for the research proposal, you will discuss your application via Skype and email, and your host will help you to write a good proposal. Finally, in order to apply for the position, you have to submit the research proposal (and other documents as specified in the call) by

April 30th, 2020.

A Fellow of the Scientia Fellows programme will be employed at UiO for three years. The place of work is the UiO campus in Oslo. The gross salary of a Fellow will amount to 515 200 NOK/year. UiO will cover full health insurance and pay towards your pension with the Norwegian pension fund. As employee in Norway you have several welfare benefits. In addition UiO will support research costs (laptop, travel, courses etc) with 54 600 NOK per year. For further information related to moving and settling in Norway, please visit the website of the International Staff Mobility Office (https://www.uio.no/english/about/jobs/ismo/), which will also assist incoming fellows and their families with relocation to UiO. For more information, contact the hosts mentioned below.

Detailed information and how to apply can be found here:
https://www.med.uio.no/english/research/scientia-fellows/apply

Postdoc positions offered:

1. Statistical learning for personalised cancer therapy
UiO PI Host: Manuela Zucknick (https://www.med.uio.no/imb/english/people/aca/manuelkz/)
Summary: We develop new multivariate (multi-task) methods to improve prediction of drug sensitivity or synergistic effects in drug combinations in large-scale pharmacogenomic screens based on molecular characterization of cancer cell lines and patient samples as well as properties of the drugs. One particular challenge is the integration of multiple heterogeneous data sources, for example via multiple kernel learning.

2. Scalable inference for genomic data integration
UiO PI Hosts: Valeria Vitelli (https://www.med.uio.no/imb/english/people/aca/valeriv/) and David Swanson (https://sojourningnorth.github.io/)
Summary: The project focuses on scalable statistical methods for the integration and analysis of multi-omic data sources. We plan development of horizontal (multi-omic) and vertical (meta-analytic) integrative Bayesian clustering methods during project course with intended application to disease subtyping and signature/biomarker discovery.

3. Biostatistics and/or computational biology in precision medicine and systems pharmacology
UiO PI Hosts: Arnoldo Frigessi (https://www.med.uio.no/imb/english/people/aca/frigessi/) and Kjetil Tasken (https://www.med.uio.no/klinmed/english/people/aca/ktasken/index.html)
Summary: To individually tailor new treatments, we have established a laboratory and computational pipeline to test drugs and drug combinations on blood of individual patients with chronic lymphocytic leukemia and multiple myeloma. This project will develop new statistical and machine learning methodologies, algorithms and computational approaches, to predict the efficacy of drugs and drug combinations, including their synergetic power.

4. Biostatistics and/or bioinformatics in precision medicine for head and neck cancer
Hosts: Arnoldo Frigessi (https://www.med.uio.no/imb/english/people/aca/frigessi/) and Eivind Hovig (https://www.ous-research.no/hovig/)
Summary: This project aims to identify early signals for head and neck cancer, biomarkers for efficacy of treatment, prediction of prognosis of the cancer, at individual level. We will develop new statistical and

machine learning methodologies, algorithms and computational approaches, including deep learning based strategies, exploiting one of the largest international collection of data based on clinical trials for this type of cancer, with unique longitudinal follow-up data for survivors.
