The Institute of Social and Preventive Medicine (ISPM), University of Bern, employs over 150 staff, provides undergraduate and post-graduate teaching and carries out research in a range of disciplines relevant to clinical epidemiology and public health.

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UNIVERSITÄT BERN

We are looking for a

Biostatistician/Data Scientist (80-100%)

You will be part of a team of clinical epidemiologists, biologists, clinicians, statisticians and PhD students working on a range of research questions related to the care and treatment of HIV-infected patients in sub-Saharan Africa. You will analyse data from population-based and clinical cohort studies, with a focus on the International epidemiological Databases to Evaluate AIDS (IeDEA, see www.iedea.org and www.iedea-sa.org). Experience in longitudinal data analysis, meta-analysis and/or mathematical modelling would be an advantage. You will collaborate with several partners, including researchers from the University of Cape Town and the London School of Hygiene and Tropical Medicine.

Main tasks:
- Analyse and manage longitudinal data with repeated measures from cohort studies and clinical databases, with continuous (for example CD4 cell count) and binary (for example death) outcomes.
- Perform individual participant data and aggregate data meta-analyses, for example of studies tracing patients lost to follow up.
- Contribute to publications in peer-reviewed journals and presentations at conferences.
- Support researchers and PhD students in statistical analyses.
- Oversee data management, quality, and multi-regional harmonization initiatives.

Requirements:
- PhD or Master level qualification in biostatistics, mathematics, health information management, medical informatics, or related field.
- Experience with analyses of longitudinal data with repeated measurements.
- Programming skills with experience in Stata or R.
- Experience with data visualisation tools and proficiency in SQL would be assets.
- Ability to work independently and interact with interdisciplinary teams.
- Excellent knowledge of English (German or French are an advantage).

The post is available immediately, with negotiable starting date, and offered for 2 years initially. Salary depends on qualification and experience.

If you are looking for an exciting position in a highly motivated interdisciplinary team please send your CV with motivation letter to Larisa Cardenas, e-mail larisa.cardenas@ispm.unibe.ch. For further information on the position, please contact Professor Matthias Egger, Tel. +41 31 631 30 76, e-mail matthias.egger@ispm.unibe.ch.

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