



The Swiss Tropical and Public Health Institute is a public institution with the mandate to contribute to the improvement of the health of populations internationally and nationally through excellence in research, services, and teaching and training.

The Department of Epidemiology and Public Health (EPH) develops and applies advanced epidemiological, biostatistical and modelling methods to advance innovation, validation, and application in the field of public health. Through our focus on **designated research topics** and interdisciplinary collaborations within and across groups, units and other Swiss TPH departments, EPH contributes to health and policy making worldwide, especially in Switzerland, Europe, and low- and middle-income countries in Africa and Asia.

We are currently looking for candidates for

### **PhD Positions in Biostatistics**

The studentships are linked to a European Research Council (ERC) advanced grant that is aiming to develop Bayesian models for spatio-temporal data arising from disparate sources to address epidemiological questions in the area of infectious diseases in Africa.

Appropriate qualifications are either a diploma in Mathematics with a substantial statistical component, or biology or other related field followed by postgraduate qualification in Statistics. Applicants should have sound programming skills in R and Fortran or C++. Ability to communicate effectively in English is also essential. The successful applicants will join a multi-disciplinary team that pursues research in advanced statistical modelling and Bayesian computation, applied in the area of malaria, neglected infectious diseases, mortality, cancer and environmental epidemiology.

Successful applicants will be registered for a PhD degree at the University of Basel. The studentships provide support for 3 years and cover tuition fees and a doctoral salary at Swiss National Science Foundation scale.

The positions are available immediately however a later starting date is possible by negotiation.

The position will remain open till they are filled.

For further information please contact PD Dr Penelope Vounatsou at

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If you are interested, please submit your application online via the link provided below, in English with CV, and the names of 3 references (please use our [standard CV](#) whenever possible).

**Please note that we can only accept applications via our online recruiting tool. Applications via email will not be answered. Thank you for your understanding.**

### **Contact**

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Did we catch your interest?

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