

The Swiss Tropical and Public Health Institute (Swiss TPH) is a world-leading institute in global health with a particular focus on low- and middle-income countries. Associated with the University of Basel, Swiss TPH combines research, services, and education and training at the local, national and international level. Over 850 people from more than 80 nations work at Swiss TPH focusing on infectious and non-communicable diseases, environment, society and health as well as health systems and interventions.

The Biostatistics Unit of Swiss TPH invites applications for a

## **PhD position in Biostatistics**

The PhD topic involves the development and application of Bayesian spatio-temporal methods to climate sensitive infectious disease data and it is part of an EU-funded project. The successful applicant will be registered for a PhD degree at the University of Basel and receive a doctoral salary at Swiss National Science Foundation (SNSF) scale. The position is available immediately, but a later starting date is possible by negotiation.

### **Required qualifications are:**

- A two-year MSc degree (120 ECTS) in Mathematics, Statistics or closely related field
- Strong mathematical and statistical modeling skills
- Strong programming skills in R essential, additional programming skills in C/C+ or Fortran as an advantage
- Very good English speaking and writing skills

Swiss TPH is an equal opportunity employer committed to excellence through diversity.

### **Please submit your application online via the link provided below, including:**

- Motivational letter
- CV
- Certificates and diplomas
- Reference letters if available
- Names and contact information (email or phone) of three references

Please note that we can only accept applications via our online recruiting tool: <https://recruitingapp-2698.uman-tis.com/Jobs/All>. Applications via e-mail or external recruiter will not be considered.

Review of applications will begin immediately and continue until the position is filled.

**Contact**

For further information please contact Prof Penelope Vounatsou at [penelope.vounatsou@swisstph.ch](mailto:penelope.vounatsou@swisstph.ch)

**Job Profile:**

Start Date: immediately or upon agreement  
Location: Allschwil/Basel, Switzerland  
Duration: limited contract of 3 years with a possibility of extension  
Percentage: 100%