



Job description: Project Assistant, expert in biostatistics

Project: BoliviaWET SODIS intervention trial
Department: Public Health & Epidemiology, Swiss Tropical Institute, Basel

The Swiss Tropical Institute (STI) is a public organization, supported by the Swiss Federal Government and the Canton of Basel-Stadt. Its aim is to contribute to the improvement of the health of populations internationally and nationally through excellence in research, services, teaching and training. Since 1998, STI has been involved in studies to evaluate the effectiveness of SOLar water DISinfection (SODIS) in reducing the burden of gastrointestinal illness in children under 5 years in developing countries. BoliviaWET is one of these studies, in which a community (cluster)-randomized controlled trial is underway in Bolivian rural communities.

We are looking for a biostatistician (50-60%) assisting the principal investigator (PI) in providing statistical expertise for the completion of the BoliviaWET study (foreseen mid-2007), the supervision of PhD students and the publication of papers in a challenging interdisciplinary and intercultural environment. The position is immediately available.

Main areas of responsibilities:

- Initiating and performing statistical methodologies based on the most recent findings in the field.
- Programming SAS files for managing and updating database as well as for analyzing the data.
- Supporting ongoing scientific reporting and works (currently 2 PhD theses, MSc students).
- Communicating the results and writing papers in scientific international journals.

Expected competencies:

- MSc or PhD degree in statistics.
- Excellent knowledge in English (fluency and capacity of writing reports/papers). Knowledge of Spanish not compulsory, but a comparative advantage.
- Experience of SAS and/or STATA programming.
- Preferably with working experience in randomized trials, general linear models (GLM), multivariate analysis (PCA, discriminant analysis) and/or Bayesian modeling.
- Basic knowledge in epidemiology is highly desired.
- Good communication and project management skills expected

Internal Collaborations

Collaborators of the STI, Public Health and Epidemiology Department, in particular Dr. Daniel Mäusezahl (PI) and Prof. Thomas A. Smith.

Applicants should send their CV incl. references electronically as soon as possible to:

Dr. Markus Niggli
Swiss Tropical Institute
e-mail: markus.niggli@unibas.ch
Phone: +41 61 284 81 93

Only suitable candidates will be contacted