

The Faculty of Medicine at the **University of Bern** is one of five medical faculties in Switzerland. The Faculty's **Institute of Social and Preventive Medicine (ISPM)** provides under-graduate and post-graduate education and carries out research in a range of disciplines relevant to Public Health. ISPM offers a lively, interdisciplinary environment with excellent computing and library facilities.



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**UNIVERSITÄT**  
**BERN**

We are looking for an

## **Infectious disease modeller**

You will work with a small team of epidemiologists, modellers and statisticians to develop, program, parameterise, and analyse mathematical models of infectious disease transmission. We have a particular interest in sexually transmitted infections and in the impact on transmission of screening and partner notification interventions. These studies will contribute both to methodological advances in infectious disease modelling and in predicting the impact of preventive interventions to help health policy decision-making.

Applicants should have a University degree in biology, biomedical sciences, mathematics, statistics, epidemiology or another relevant discipline. A PhD is desirable but not essential. A high level of skills and independence in computer programming are essential (C/C++). Experience of working with both compartmental and individual-based dynamic models would be an advantage.

The post is available from January 1, 2008 and is offered for 2 years initially. Salary will depend on your qualifications and experience.

If you are looking for an exciting position in a highly motivated, interdisciplinary team please send a letter explaining why you believe you will be suited to this post, together with your CV, publication list, and one copy of your most relevant publication to: Ms. Nathalie Studer, Institute of Social & Preventive Medicine, Finkenhubelweg 11, CH-3012 Bern, or electronically to [nstuder@ispm.unibe.ch](mailto:nstuder@ispm.unibe.ch).

For further information about the post or the project please contact Dr. Nicola Low, Tel. +41 31 631 30 92; e-mail [low@ispm.unibe.ch](mailto:low@ispm.unibe.ch). The deadline for applications is Friday October 24, 2008.