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UNIVERSITÄT
BERN

Living evidence about SARS-CoV-2 and infectious diseases (100%)

Institute of Social and Preventive Medicine (ISPM)

The Institute of Social and Preventive Medicine (ISPM) employs some 150 staff, provides undergraduate and post-graduate education, and carries out research in a range of disciplines relevant to public health (www.ispm.unibe.ch). The ISPM offers a lively, interdisciplinary environment with excellent computing and library facilities.

We have an exciting opportunity for a person with skills in both epidemiology and data science to add to the rapidly increasing evidence base about SARS-CoV-2/COVID-19. You will work in our team of infectious disease epidemiologists, statisticians and mathematical modellers in the Sexual and Reproductive Health Research Group. We collect, collate, and curate published evidence using automated methods. We evaluate the use of machine learning algorithms to classify records and improve the efficiency of reviews. We use these tools to conduct 'living systematic reviews', which are high quality, up-to-date summaries of evidence, updated as new research becomes available.

Duties and responsibilities

- Develop and maintain living systematic reviews on SARS-CoV-2 infection epidemiology and prevention methods
- Maintain and coordinate the COVID-19 Open Access project
- Evaluate algorithms and continue to find ways to improve the workflow of 'living systematic reviews'

Qualifications and skills

- Masters degree or PhD in epidemiology, biostatistics, public health, bioinformatics or a relevant discipline
- Experience with systematic literature reviews
- Experience with data capture systems, reference manager software and statistical software
- Advanced experience with R and Rshiny
- Experience with organisation and management of datasets
- Excellent knowledge of English

The post is available from 1st January, 2021 and is offered for 18 months in the first instance. The salary is on the scale of the Swiss National Science Foundation.

The ISPM at the University of Bern offers an international and interdisciplinary environment. It encourages independence and flexible working models.

For further information on the position advertised, please contact Prof. Nicola Low, nicola.low@ispm.unibe.ch.

Please send your application including a Curriculum Vitae and letter of motivation to Natalie Studer, hr@ispm.unibe.ch.