

Vacancy Notice No: HQ/09/HQ/STB/FT631

Date: 22 September 2009

Title: Statistician

Deadline for application : **13 October 2009**

Grade: P4

Duty Station: Geneva Switzerland

Contract type: Fixed-term appointment

Organization unit: HQ/STB Stop TB (HQ/STB) /  
HQ/TME Tuberculosis Monitoring and Evaluation  
(HQ/TME)

Duration of contract: 1 Year

## OBJECTIVES OF THE PROGRAMME :

The mission of the Stop TB Department is leadership in strategic and technical aspects of TB control worldwide, in order to reverse the epidemic and eventually eliminate TB. The Tuberculosis Monitoring and Evaluation team is responsible for three major areas of work. These are

- (i) regular monitoring of the global TB epidemic and progress in TB control;
- (ii) ensuring the best possible measurement of the epidemiological burden of TB and progress in reducing this burden, in the context of the global targets set within the framework of the Millennium Development Goals and by the Stop TB Partnership; and (iii) economic and financial analysis relevant to the development, implementation and impact of international policies and strategies for TB control.

## Description of duties:

1. Conduct all analyses required for the annual production of estimates of TB incidence, prevalence and mortality for publication in WHO's annual report on global TB control.
2. Lead or contribute to (i) analyses of national and subnational surveillance data and (ii) the design and analysis of nationwide surveys of the prevalence of TB disease, to better estimate the burden of TB and trends in this burden.
3. Provide expert statistical advice and support to other staff in TME and to staff in other teams in the Stop TB Department, such that all analyses are conducted using best-practice statistical methods.
4. Contribute to the development and implementation of the recommendations of the WHO Global Task Force on TB Impact Measurement, including via participation in meetings of the full Task Force, proactive membership of the three subgroups of the Task Force (analysis of surveillance data and improving surveillance; disease prevalence surveys; and methods used to produce epidemiological estimates at global, regional and country level), organization / facilitation of workshops and country missions.
5. Lead or contribute to the production of high-quality written products, based on analyses of surveillance and survey data, including reports and publications in peer-reviewed journals.
6. Contribute to other work in TME, as appropriate.

## REQUIRED QUALIFICATIONS

### Education:

University degree in mathematics or closely related subject and Masters degree in statistics.

### Desirable

PhD in statistics or epidemiology, or the equivalent in publications.

### Skills:

WHO Competencies (<http://www.who.int/employment/competencies/en/>):

1. Producing results

2. Fostering integration and teamwork
3. Communicating in a credible and effective way
4. Respecting and promoting individual and cultural differences
5. Moving forward in a changing environment

Excellent knowledge of mathematical statistics and advanced statistical modelling. Excellent knowledge of analytical methods adapted to complex study designs, in particular complex sample surveys and cohort studies, and proven ability to apply these in practice. Proven ability to write up the results of analyses to a standard suitable for publication in peer-reviewed journals. Proven ability to build capacity in statistical analysis via facilitation of workshops and country missions, or teaching in a university setting. Excellent knowledge of R or Stata. Excellent interpersonal skills. Excellent oral and written communication skills. Ability to be proactive/take initiative, and to work with a high degree of independence. Excellent at working as part of a multidisciplinary team.

**Experience:**

At least seven years experience of working as a medical statistician, including at least five years of working effectively on projects/programmes based in developing countries and at least five years in a university/research setting. Experience of conducting advanced statistical analyses, including some analyses related to tuberculosis and/or other major communicable diseases. Publication record in peer-reviewed journals. Considerable experience of teaching and/or workshop facilitation.

**Desirable**

Experience of working with WHO and an excellent knowledge of its mandate and work in the field of tuberculosis. Experience of contributing to study design and data analysis for large collaborative research or surveillance studies on tuberculosis and/or other major communicable diseases. Involvement in the design, implementation and use of data management systems developed for major research projects such as large observational epidemiological studies or randomized controlled trials.

**Languages:**

Excellent Knowledge of English and working knowledge of French an asset.

**Additional Information:**

A written test may be used for screening purposes.

Other similar positions at the same level may be filled from this vacancy notice.

This vacancy is published in English only.

Annual salary: (Net of tax)  
USD64,521 at single rate  
USD69,287 with primary dependants

Post Adjustment: 84.6 % of the above figure(s). This percentage is to be considered as indicative since variations may occur each month either upwards or downwards due to currency exchange rate fluctuations or inflation.

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A written test and interviews may be used as a form of screening

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Online applications are strongly encouraged to enable WHO to store your profile in a permanent database. Please visit WHO's e-Recruitment website at: [www.who.int/employment](http://www.who.int/employment). The system provides instructions for online application procedures.

All applicants are encouraged to apply online as soon as possible after the vacancy has been posted and well before the deadline stated in the vacancy announcement.

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Applications from women and from nationals of non- and under-represented member states are particularly encouraged.

Any appointment/extension of appointment is subject to WHO Staff Regulations, Staff Rules and Manual. Only candidates under serious consideration will be contacted.

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### Currently accepting applications



WHO has a smoke-free environment and does not recruit smokers or other tobacco users.