

Position	Bio-statistician
Department	Biostatistics Group
Location	Oxford University Clinical Research Unit, Nepal. Patan Hospital.
Hours of work	Full-time. Exceptional applicants who can only work part time (min. 50%) will also be considered.
Tenure	Contract for one year on completion of a 2 month probationary period, with possibility of extension
Supervisor	Dr. Ronald Geskus, Head of Biostatistics Group
Vacancy reference	
Background	<p>The Oxford University Clinical Research Unit (OUCRU; http://www.oucru.org) is a leading center of biomedical research in Nepal. It is hosted by the Patan and the Patan Academy of Health Sciences Kathmandu. It was established with the aim to have a positive and significant impact on global health, and in particular on the prevention, diagnosis and treatment of infectious diseases. This is achieved via training, national and international meetings, committee memberships and contributions to the scientific literature.</p> <p>OUCRUNP has a varied portfolio of ongoing research and would now like to build its biostatistics group. The biostatistician will support the researchers at OUCRU in the design and statistical analysis of clinical trials as well as of medical and epidemiological studies based on observational data. He/she will also perform research on statistical methods that are relevant for the studies that are done at OUCRUNP.</p>
Job summary	In order to strengthen our team, we seek a motivated and talented person who contributes to the statistical support of the studies that are performed at OUCRU.
Key responsibilities and tasks	<p>More specifically, the tasks involve:</p> <ol style="list-style-type: none"> 1 to provide support in the writing of research proposals and protocols (e.g. performing sample size calculations) 2 to create randomization lists that determine treatment allocation in clinical trials 3 to support writing analysis plans, which describe all the steps in the statistical analysis 4 to write code to transform the collected data to a format that can be used for analysis, and to perform interim analyses (clinical trials) as well as final analyses (all studies), mostly using the R statistical program 5 to collaborate in writing a manual on data management and summarizing data using the R program, which will be used by fellow researchers at OUCRU <p>The research assistant initially works under close supervision of the head of the biostatistics group and receives on-the-job training. Strong candidates will be</p>



	encouraged to contribute to the methodological research in biostatistics at OUCRU and to apply for the unit's PhD program.
Selection criteria	<p>Qualifications:</p> <ul style="list-style-type: none"> - MSc in i) mathematics or statistics, ii) health sciences or epidemiology with a strong interest in quantitative methods, or iii) a quantitative discipline with a strong interest in health care. - Knowledge of the basic principles of statistical analysis - Interest in programming - Appropriate English language skills (IELTS 6.5 or higher) - Communication skills and the ability to explain technical issues to researchers with a different background - Analytical problem-solving skills, willingness to learn and develop, self-initiative, attention to detail <p>Desirable Criteria:</p> <ul style="list-style-type: none"> - Familiarity with statistical models - Experience in clinical research - Experience in programming, preferably in R - Ability to contribute to the methodological development of novel approaches for designing and analyzing clinical and epidemiological studies <p>Candidates that already have a PhD in some quantitative discipline will also be considered and may start in the position of senior research assistant.</p>
How to apply	<p>Interested qualified candidates are invited to send their detailed resume and cover letter in English, including copies of relevant certificates, either by email or by post to the following address:</p> <p style="text-align: center;">Oxford University Clinical Research Unit Patan Academy of Health Sciences & Patan Hospital Lagankhel, Satdobato Road, Patan, 44700 Tel: 6213052 Email: ashakya@oucru.org</p> <p>Only short-listed candidates will be contacted for interview</p>
Contact person	Ms. Aneeva Shakya
Deadline for submission	