



JOB DESCRIPTION

Post Summary	
Job Title:	Infectious Disease Epidemiologist - Neglected Tropical Disease Specialist and infection/disease geospatial mapping methodologies.
Reporting to:	Professor Sir Roy Anderson FRS FMedSci and Iain Gardiner- Oriole Global Health Ltd
Key Working Relationships:	Lead investigators, project managers, other epidemiologists, statistician and mathematical modellers in Oriole Global Health Ltd, project collaborators in Ascend Lot 1, representatives of funders (Crown Agents and DFID), project leads in country
Purpose of the Post	
<p>This post is to work within a Global Health consultancy company Oriole Global Health Ltd (https://orioleglobalhealth.com/) and is funded by UK Aid via the Ascend 'Lot 1' project, with an operational center at Crown Agents (https://www.crownagents.com/). The DFID Ascend project aims to Accelerate the Sustainable Control and Elimination of Neglected Tropical Diseases. The project is divided into two lots and the 'Lot 1 is focused on East Africa and Asia. He/she will support the control and elimination of Neglected Tropical Diseases (NTDs) in approximately 12 high burden countries. The focus will be on Five NTDs: lymphatic filariasis; onchocerciasis; schistosomiasis; visceral leishmaniasis and trachoma. NTDs are a group diseases that thrive in poor, often conflict-affected settings, affecting 1.6 billion of the world's poorest people, and causing <u>disability</u>, disfigurement, stigma and an estimated 170,000 deaths annually. They result in those affected being unable to work, pushing families further into <u>poverty</u>, and in <u>children</u> being unable to attend school.</p> <p>Mapping of NTDs (prevalence and intensity of infection, Water, Sanitation and Hygiene (WaSH) scores and morbidity measures) is necessary to enable targeting of resources to areas most in need and provide the information required for drug requests and to prioritise WASH interventions. Mapping for most of the targeted NTDs has been largely completed, but important gaps remain. ASCEND will ensure completion of coordinated mapping of NTDs and WASH data for all project countries.</p> <p>The post holder will be responsible for the supervision of data collection and presentation of NTD prevalences and intensities and control effort impact (from measures such as mass drug delivery and WaSH programmes) in the target counties, analysis and interpretation of epidemiological data on the prevalence and intensity of infection (in London), the production of maps of both epidemiological and control impact data (e.g. mass drug administration (MDA) and WaSH) for each target country in the Ascend East project. The post holder will join a team of epidemiologists and tropical medicine experts working for Oriole Global Health Ltd. The work will be supervised by Professor Sir Roy Anderson who is an international authority on infectious disease epidemiology and control.</p> <p>An important aspect of the project will be the dissemination of the results to global stakeholders, via working closely with WHO, DFID and agencies running NTD control programmes in East Africa, India, Bangladesh and Nepal, to inform public health decision making.</p> <p>The post holder will be based at the Crown Agents site in London (Crown Agents, Blue Fin Building, 110 Southwark Street, London SE1 0SU) where the Ascend office of Oriole Global Health</p>	

Ltd is located. Although based in London, travel to the countries where NTD control programmes are to be expanded and working with in country leads on NTD control within Crown Agent's offices and Federal Ministries of Health, is part of the responsibilities of the post holder

Key Responsibilities

- To perform analyses of epidemiological data on infection prevalence and intensity and the impact of mass drug administration in the Ascend project (East Africa, India, Bangladesh and Nepal)
- To collate, store and analyse epidemiological data relevant for the Ascend project for maps presentations.
- To visualise results and data to generate insight
- To write clear and effective manuscripts and reports
- To guide manuscripts through peer-review process
- To attend conferences and present results
- To assist with administrative tasks connect with OGH's work on Ascend

Essential Selection Criteria (Person Specification)

Academic Qualifications:

- Research degree (ideally PhD)

Skills and Competences :

- Strong background in Neglected Tropical Disease (NTD) disease epidemiology
- Knowledge of disease/infection mapping methodologies
- Experience with monitoring and evaluation methods in disease control programmes
- Data management and presentation
- Ability to work for short periods in the field in East Africa, India, Bangladesh and Nepal, developing good working relations with local staff and the affected communities.