

JOB DESCRIPTION: PRINCIPAL/SENIOR RESEARCHER MODELLING (Closing Date: 28th February 2019)

The Health Economics and Epidemiology Research Office (HE²RO) of the University of the Witwatersrand, based in Johannesburg, South Africa is an internationally recognized health research group which conducts research and analysis on issues of public health importance, including a strong focus on HIV, TB, and NCDs. HE²RO seeks to build the evidence base to improve health policies and programmes in South Africa and the region. We collaborate on policy relevant research with Boston University and other national and international organizations. For more information visit our website at www.heroza.org.

We seek a dynamic, enthusiastic, and self-motivated quantitative senior researcher with experience in mathematical disease, cost, and/or health systems modeling to be part of our health economics and epidemiology research portfolios. Research in these portfolios focus on the impact, costs, cost-effectiveness, and benefits of healthcare interventions, health financing and health systems, and other priority public health challenges, with opportunities for both primary data collection and mathematical modelling. Successful applicants will develop and lead studies and analyze and publish data that contribute to the evidence base for improving access to and delivery of health care services and population health.

The position is based at HE²RO's head office in Johannesburg but may require travel primarily within Sub-Saharan Africa, and possibly globally. Overtime/weekend hours and working in rural areas and/or under-resourced circumstances will be required from time to time. This is a full time position.

Responsibilities and Duties

- Implement and oversee all aspects of research projects including: 1) developing important policy relevant questions; 2) obtaining ethical approval; 3) writing research protocols and SOPs; 4) developing and designing research tools, including managing literature reviews; 5) coordinating fieldwork for data collection; 6) monitoring study progress; 7) writing progress reports to stakeholders including networks and funders; 8) training research staff; and 9) conducting data analysis, including the design, coding, parameterization and fitting of mathematical models, and writing up results.
- Present scientific findings at research conferences, publish in peer-reviewed journals, and disseminate research findings to other stakeholders such as research networks, universities/academic institutions, government departments, funders, the community, and media.
- Write research and funding proposals and obtain research funding.
- Supervise, manage and train research staff and study teams.
- Perform other tasks and contribute to organizational management as needed.

Requirements:

- Doctoral or master's degree in epidemiology, health economics or a related quantitative field.
- Minimum 5 years research experience or comparable professional experience.
- Experience implementing independent projects and managing study staff.
- Expertise with data analysis and modelling software.
- Expertise in HIV transmission modelling.
- Demonstrated writing and communication skills, with a relevant publications record.
- Self-motivated, able to work independently and as part of a multidisciplinary team.
- If not a South Africa citizen, the candidate should be eligible for a work permit in South Africa.

Applicants should email a cover letter and CV to vacancy@heroza.org. HE²RO will only respond to short listed candidates. The closing date for this position is 28th February 2019. Candidates who have not been contacted within two weeks of the closing date can consider their applications unsuccessful. HE²RO reserves the right not to fill this position should it deem it necessary not to. This position will remain open until filled.