

PHD AND POSTDOCTORAL FELLOWSHIPS IN MALARIA GENOMICS, EPIDEMIOLOGY AND BIOINFORMATICS.

The Laboratory for Antimalarial Resistance Monitoring and Malaria Operational Research (ARMMOR) of the National Institute for Communicable Diseases (NICD), in collaboration with the University of San Francisco-California and the Elimination 8 Initiative, is looking to recruit ambitious, enthusiastic PhD and Postdoctoral researchers to work on a regional malaria genomics project. This 2-year study, funded by the Bill and Melinda Gates Foundation, aims to demonstrate the value of incorporating genomic surveillance into routine malaria surveillance systems to advance malaria elimination efforts in seven southern African malaria-endemic countries.

The successful candidates will be based at the Sandringham Campus of the NICD and will work closely with the NICD's state of the art Core Sequencing Facility and collaborators from the University of San Francisco-California. Experience in NGS library preparations and downstream data analysis are desirable in individuals interested in the genomics positions, while the creation of bioinformatics pipelines and programming in R for pathogen sequence data would be advantageous for candidates interested in the epidemiology/bioinformatics positions. Interested appropriately skilled candidates are invited to submit a letter of interest clearly articulating why they are ideal for the position, together with a detailed CV containing the contact details of at least two referees to Dr Jaishree Raman (jaishreer@nicd.ac.za). The application deadline is the 24th of February 2023, with a proposed start date of the 6th of March 2023 or as soon as possible thereafter. There are two PhD and two Postdoctoral fellowships on offer.