

Biography of Mr. George S. Mlay, Bsc Hons



Mr. George Mlay is a laboratory scientist working with the National Institute for Medical Research, Amani Medical Research Centre. He holds a bachelor of science degree in microbiology from the University of Dar es salaam. He joined the Amani Medical research Centre in the past four years and he is currently working in the insecticide testing facility (ITF) in the capacity of assistant ITF supervisor.

During the period, George has learnt and experienced in mosquito sorting, identification and detection of physiological status, molecular assays such a polymerase chain reaction (for mosquito genotyping and identification of insecticide resistance markers) and biochemical assays such as enzyme linked immunosorbent assay (for sporozoite detection). George is experienced in phase I (laboratory trials), phase II (experimental hut trials) and phase III (community trials) assessment of mosquito vector control tools. He has participated mosquito surveillance activities for different projects such as malaria vector entomological surveillance, long lasting insecticidal nets (LLINs) quality assurance, detection and monitoring of insecticide resistance in malaria vectors and Phase III Evaluation of Vectron TM T500 (Broflanilide 50WP) for indoor residual spraying for malaria vector control. George has experience working with mosquito traps used for indoor and outdoor mosquito surveillance and co-authored one paper in a peer reviewed journal.