



Academic Staff Profile

Personal Profile

Personal Details

<p>Name: Liza Kiende Mwirigi</p> <p>Title/Qualification: M.Sc. Infectious Diseases and B.SC. MLS</p> <p>Department: Medical Laboratory Science</p> <p>Designation/Position: Tutorial Fellow</p> <p>Email: mwirigi.liza@ku.ac.ke</p> <p>Contact Address: 423 - 00618</p> <p>Area of Specialization: Immunology</p> <p>Research Interests: Immuno-molecular techniques in Cancer and Infectious disease diagnostics</p>	
--	--

Academic & Professional Qualifications

Date	Institution	Course
February 2020 – To date	Kenya University	Ph.D in Medical Laboratory Sciences (Clinical Immunology)
Sep 2012 – Dec 2015	Kenya University	M.Sc. in Infectious Disease (Immunology)

Sep 2008 – August 2012	Kenyatta University	Bachelor of Science in Medical Laboratory Sciences
Jan 2004 – Nov 2007	Kyeni Girls High School	Kenya Certificate of Secondary Education Mean Grade B 'plain'
Jan 1996 – Dec 2003	Meru Junior School	Kenya Certificate of Primary Education (394/500 Marks)

Employment History

February 2020 – To date	<p>Kenyatta University, Department of Medical Laboratory (Tutorial Fellow)</p> <ul style="list-style-type: none"> ➤ Teaching and examining students doing B.Sc. in Medical Laboratory Science (Immunology, Parasitology, Epidemiology) ➤ Coordinating practical sessions in the teaching laboratories
April 2017- February 2020	<p>Medicare Officer - Kenya Power Staff Medical Scheme Management</p> <ul style="list-style-type: none"> ➤ Provide professional advice on all matter regarding the medical laboratory field to all the medical scheme dependents. ➤ Cost containment by ensuring that the scheme runs within the planned budget. ➤ Plan and conduct disease preventive healthcare programs for staff countrywide. ➤ Vetting of all hospital invoices before they are paid. ➤ Facilitate Alcoholic/Narcotic Anonymous meetings. ➤ Facilitate the rehabilitation of staff who are dependent on alcohol and narcotics. ➤ Preauthorization and negotiations of rates for various medical services. ➤ Facilitate the Occupational Safety and Examinations for all staff countrywide. ➤ HIV/AIDS prevention sensitizations for staff dependents countrywide. ➤ Ensure proper utilization of all available NHIF rebates
January 2014 – March 2017	<p>Medical Laboratory Scientist at Hercules Healthcare</p> <ul style="list-style-type: none"> ➤ Performed routine, advanced and confirmatory laboratory analyses to provide data for diagnosis, treatment and prevention of diseases. ➤ Stringently following and reviewing laboratory protocols, standard operation procedures , safety policies and sanitations standards ➤ Performed laboratory machines and equipment tests by following operating instruction, troubleshooting breakdowns and calling for repairs for quality control purposes. ➤ Ensured proper handling, storage, management and disposal of laboratory samples and reagents. ➤ Ensured that the laboratory environment is clean and conducive.

<p>October 2013 – Dec 2013</p> <p>May 2012-August 2012</p>	<p>Volunteer at MP Shah Hospital Laboratory: Oct 2013 to Dec 2013</p> <ul style="list-style-type: none"> ➤ Receiving and processing samples in Clinical chemistry, immunology, media & sanitation, histology & cytology, microbiology & TB lab, hematology & blood transfusion and phlebotomy. <p>Volunteer at University of Nairobi, College of Health Sciences- Immunology</p> <ul style="list-style-type: none"> ➤ Immuno-molecular techniques
<p>April 2015 – August 2015</p> <p>May 2014 – August 2014</p> <p>May 2013 – August 2013</p>	<p>CLINICAL ROTATIONS DURING TRAINING</p> <p>Nairobi Hospital (B.Sc. MLS Hospital Attachment)</p> <ul style="list-style-type: none"> ➤ Performed routine, advanced and confirmatory laboratory analyses to provide data for diagnosis, treatment and prevention of diseases. ➤ Stringently following and reviewing laboratory protocols, standard operation procedures , safety policies and sanitations standards ➤ Performed laboratory machines and equipment tests by following operating instruction, troubleshooting breakdowns and calling for repairs for quality control purposes. ➤ Ensured proper handling, storage, management and disposal of laboratory samples and reagents. ➤ Ensured that the laboratory environment is clean and conducive. <p>MP. Shah Hospital (B.Sc. MLS Laboratory Skills level III)</p> <ul style="list-style-type: none"> ➤ Clinical diagnosis in all sections of the hospital laboratory. ➤ Machine maintenance, troubleshooting and quality control checks. ➤ Referring samples to external laboratories. ➤ Preparation of culture media, culturing of specimen and reports <p>Meru Level 5 Hospital (B.Sc. MLS Laboratory Skills level I &II)</p> <ul style="list-style-type: none"> ➤ Phlebotomy and specimen reception. ➤ Routine diagnosis in all sections of the laboratory ➤ Machine maintenance, troubleshooting and quality control checks. ➤ Performing CD4 count for samples from Comprehensive Care Clinic

Affiliation of Professional Bodies

Registered by the Kenya Medical Laboratory Technicians & Technologists Board (K.M.L.T.T.B) at Degree level with a valid working License

Research Grants

2014: Awarded the National Commission for Science Technology and Innovation Research Grant (Ref No: NACOSTI/RCD/ST&I 5th CALL M.Sc/171) 1 year research grant (KSh. 200,000) to fund my reasearch.(The cytokine profile and the PSA levels in prostate cancer patients at Kenyatta National Hospital)