

Academic Staff Profile

Personal Profile

Name: Liza Kiende Mwirigi Title/Qualification: M.Sc. Infectious Diseases and B.SC. MLS Department: Medical Laboratory Science Designation/Position: Tutorial Fellow Email: mwirigi.liza@ku.ac.ke Contact Address: 423 - 00618 Area of Specialization: Immunology and Parasitology Research Interests: Immuno-molecular techniques in Cancer and Infectious disease diagnostics ORCID ID: https://orcid.org/0000-0003-2231-3481	
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Academic & Professional Qualifications

Date	Institution	Course
February 2020 – To date	Kenyatta University	Ph.D. in Medical Laboratory Sciences (Clinical Parasitology)
Sep 2012 – Dec 2015	Kenyatta 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	Kenyatta University, Department of Medical Laboratory (Tutorial Fellow)
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April 2017- February 2020	➤ Teaching and examining students doing B.Sc. in Medical Laboratory Science (Immunology, Medical Entomology, Medical Helminthology, Epidemiology, Basic Life Support and Emergency Care) ➤ Coordinating practical sessions in the teaching laboratories Medicare Officer - Kenya Power Staff Medical Scheme Management ➤ 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	Medical Laboratory Scientist at Hercules Healthcare ➤ 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.
October 2013 – Dec 2013	Volunteer at MP Shah Hospital Laboratory: Oct 2013 to Dec 2013 ➤ Receiving and processing samples in Clinical chemistry, immunology, media & sanitation, histology & cytology, microbiology & TB lab, hematology & blood transfusion and phlebotomy.

May 2012-August 2012	Volunteer at University of Nairobi, College of Health Sciences-Immunology ➤ Immuno-molecular techniques
April 2015 – August 2015	CLINICAL ROTATIONS DURING TRAINING Nairobi Hospital (B.Sc. MLS Hospital Attachment) ➤ 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.
May 2014 – August 2014	MP. Shah Hospital (B.Sc. MLS Laboratory Skills level III) ➤ 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
May 2013 – August 2013	Meru Level 5 Hospital (B.Sc. MLS Laboratory Skills level I &II) ➤ 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)

Administrative Positions Held

- May 2021 to date: Appointed Member to the Departmental Programme Development Committee, Department of Medical Laboratory Science
- December, 2020 to date: Appointed Departmental E-Learning Coordinator; Department of Medical Laboratory Science.
- October, 2020 to date: Appointed Secretary to the Departmental Collaboration Committee, Department of Medical Laboratory Science
- October, 2020 to date: Appointed Member to the Departmental Welfare Committee, Department of Medical Laboratory Science