


Academic Staff Profile

Personal Profile

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| <p>Name: John Njenga Kariuki</p> <p>Title/Qualification: M.Sc. MMLS and B.SC. MLS</p> <p>Department: Medical Laboratory Science</p> <p>Designation/Position: Tutorial Fellow</p> <p>Email: njenga.kariuki@ku.ac.ke</p> <p>Contact Address: 2268-30100</p> <p>Area of Specialization: Haematology and Blood Transfusion</p> <p>Research Interests: Blood Transfusion and Safety of Transfused blood</p> <p>Google Scholar: https://scholar.google.com/citations?hl=en&view_op=list_works&authuser=2&gmla=AJsN-F78T1xq3PNdju1XWux3cWVUVhdWI80k8szvj-voYghlR9Ylql0hj7jLpWzpFq2AtlqEE953Ys3ReKQo1YpvRxqqik0KSQ&user=aKHHYkoAAAAJ</p> |  |
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Academic & Professional Qualifications

| Date | Institution | Course |
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| January 2020 – To date | Kenyatta University | Ph.D in Medical Laboratory Sciences (Hematology and Blood Transfusion) |
| Sep 2016 – Dec 2019 | Jomo Kenyatta University of Agriculture and Technology | Masters in Medical Laboratory Sciences (Hematology and Blood Transfusion) |
| Sep 2011 – Dec 2015 | Kenyatta University | Bachelor of Science in Medical Laboratory Sciences |
| Jan 2005 – Nov 2009 | Wareng High School | Kenya Certificate of Secondary Education Mean Grade A minus |
| Jan 1996 – Dec 2004 | Huruma Primary School | Kenya Certificate of Primary Education Grade B |

Employment History

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| Feb 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 (Basic Hematology, Hematological Disorders and Blood Transfusion) ➤ Coordinating practical sessions in the teaching laboratories ➤ Departmental administrator on class attendance |
| Jan 2018 – Jan 2020 | <p>Kenyatta University, Department of Medical Laboratory (Teaching Assistant)</p> <ul style="list-style-type: none"> ➤ Writing proposals for grants application ➤ Preparing Manuscripts for publication ➤ Formulating and revising relevant academic policies ➤ Invigilation and Marking of Exams ➤ Supervision of Practical Sessions |
| Aug 2018 – Feb 2020 | <p>The Nairobi Women’s Hospital (Laboratory Technologist)</p> <ul style="list-style-type: none"> ➤ Clinical diagnosis in all sections of the hospital laboratory. ➤ Coordination of QA in all Medical Centres. ➤ Machine maintenance, troubleshooting and quality control checks ➤ Preparation, Reviewing and approving SOPs ➤ Monitoring Lab stock movement. ➤ Orientation and training students on laboratory procedures and system operation, ➤ Participate in organization and conducting of medical camps. ➤ Provides technical support for laboratory personnel. ➤ Participates in validation of analytical data reported to management and clients. ➤ Adherence to work plan schedules. ➤ Performs related duties as needed or assigned. ➤ Reviews efficiency and effectiveness of laboratory reagents and equipment,. ➤ Prepares special reports pertaining the lab when requested. ➤ Observe legal requirements relating to the performance of laboratories. |
| Sept 2016 – Jan 2018 | <p>Kenyatta University Health Unit (Laboratory Technologist)</p> <ul style="list-style-type: none"> ➤ Receiving and processing samples in the Research Laboratory ➤ Packaging of samples for referrals and Shipment ➤ Preparing Standard Operating Procedures |

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| <p>May 2016 to Sept 2016</p> | <ul style="list-style-type: none"> ➤ Storage of samples for long term retrieval ➤ Keeping all data and records ➤ Laboratory diagnosis in all sections of the laboratory ➤ Machine maintenance, troubleshooting and quality control checks ➤ Participate in organization and conducting of medical camps. ➤ Provides technical support for laboratory personnel. ➤ Participates in validation of analytical data reported to management and clients. ➤ Adherence to work plan schedules. <p>ALKEM LABORATORIES (Medical Representative in-charge Nakuru County)</p> <p>Responsibilities</p> <ul style="list-style-type: none"> ➤ Promoting pharmaceutical drugs ➤ Selling pharmaceutical drugs ➤ Organizing CME's ➤ Writing monthly reports ➤ Creator of customers' accounts |
| <p>April 2015 – August 2015</p> <p>May 2015 – August 2015</p> | <p>CLINICAL ROTATIONS DURING TRAINING</p> <p>Kenyatta National Hospital (M.Sc) (Hematology and Blood Transfusion Department)</p> <ul style="list-style-type: none"> ➤ Bleeding donors ➤ Receiving blood samples specimens ➤ Maintaining the hospital's blood bank, ➤ performing compatibility tests and release of compatible blood to the wards for transfusion <p>Kenyatta National Hospital (B.Sc. MLS Hospital Attachment)</p> <ul style="list-style-type: none"> ➤ Clinical diagnosis in all sections of the hospital laboratory. ➤ Ward rotations and phlebotomy. ➤ Machine maintenance, troubleshooting and quality control checks. ➤ Media preparation, specimen culturing and reporting. ➤ Machine maintenance, troubleshooting and quality control checks. ➤ Referring samples to external laboratories. ➤ Maintaining the hospital's blood bank, performing compatibility tests and release of compatible blood to the wards for transfusion. |
| <p>May 2014 – August 2014</p> | <p>Kaimbu Level 5 Hospital (B.Sc. MLS Laboratory Skills level III)</p> <ul style="list-style-type: none"> ➤ Clinical diagnosis in all sections of the hospital laboratory. ➤ Performing CD4 count for samples from Comprehensive Care Clinic ➤ Preparing samples for viral load from Comprehensive Care Clinic ➤ Machine maintenance, troubleshooting and quality control checks. ➤ Referring samples to external laboratories. ➤ Testing of new diagnostic kits in Biochemistry and serology departments. ➤ Ward rotations and phlebotomy. |

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| May 2013 – August 2013 | <ul style="list-style-type: none"> ➤ Preparation of culture media, culturing of specimen and reporting. ➤ Grossing of histological specimen and staining. ➤ Keeping records of the released results at department levels. <p>Nakuru Provision General Hospital (B.Sc. MLS Laboratory Skills level 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. ➤ Keeping records of released results at department levels. ➤ Referring samples to external laboratories ➤ Testing of new diagnostic kits in Biochemistry and serology departments |
| May 2012 – August 2012 | <p>Moi Teaching and Referral Hospital (B.Sc. MLS Laboratory Skills Level I)</p> <ul style="list-style-type: none"> ➤ Clinical diagnosis in all sections of the hospital laboratory. ➤ Machine maintenance, troubleshooting and quality control checks. ➤ Performing CD4 count for samples from Comprehensive Care Clinic ➤ Preparing samples for viral load from Comprehensive Care Clinic ➤ Referring samples to external laboratories. ➤ Testing of new diagnostic kits in Biochemistry and serology departments. ➤ Ward rotations and phlebotomy. ➤ Preparation of culture media, culturing of specimen and reporting. ➤ Grossing of histological specimen and staining. ➤ Keeping records of the released results at department levels |

Publications

Evaluation of Anemia among Deferred Prospective Blood Donors at Kenyatta National Hospital, Kenya NK John, KM Ngugi, V Magutu, W Njoroge

Ongoing Research

The effects of storage time on biochemical and hematological parameters of blood collected by National blood Transfusion Service, Kenya

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

Administrative Positions Held

Feb 2020 to date: Appointed departmental class attendance coordinator, department of medical laboratory science

Jan 2013-April 2015: Appointed chairman, Kenyatta University Family Welfare and Counselling Project