

**Wamalwa Ronald PhDc**

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**Personal Information**

- Contact Address: P.O. Box 190-50100, Kakamega.
- Email: [wamalwa.ronald@yahoo.com](mailto:wamalwa.ronald@yahoo.com)
- Nationality: Kenyan
- Date of Birth: 5<sup>th</sup> February 1975

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**Profile**

- Ongoing with Doctor of Philosophy degree (Medical Microbiology).
- Qualified with Master of Science degree (Medical Microbiology).
- Qualified with Bachelors of Science degree (Medical Microbiology).
- Over five years' experience in University Teaching.
- Over 13 years' working experience in a clinical/diagnostic setting.
- Skilled in designing experiments, demonstrations and report writing.
- Excellent interpersonal skills, self driven and a team player.

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**Professional Objective**

To make a positive impact in health research as a professional, within an environment where healthy competition, teamwork practicality and cutting-edge innovation are geared towards new discoveries that will eradicate diseases and better life expectancy.

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**ACHIEVEMENTS**

1. Published 4 research articles in peer reviewed journals.
2. Played a role in the development of a number of curricula for the Medical Laboratory Department MMUST including Diploma Medical Laboratory Technology, BSc Medical Laboratory Sciences.
3. Instrumental in starting up the laboratory component of the department.
4. Participated in the review and restructuring of the BSc Medical Laboratory Curriculum.
5. Played a key role in developing the MBChB curriculum for the School of Medicine MMUST.
6. Through DIAL, I Coordinated the linkage between Mombasa Technical Training institute (MTTI) & MMUST

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**Other Departmental & Faculty Responsibilities held**

- ✓ Departmental Procurement liaison officer
- ✓ Deputy Chairperson of MMUST Tender Processing Committee.
- ✓ Departmental Assets officer.
- ✓ Departmental PSSP Coordinator.
- ✓ School's Coordinator for MMUST and Mombasa Technical Training Institute (MMTTI) Collaboration.

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**CAREER SUMMARY**

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**2013 – 2016 Masinde Muliro University of Science and Technology (MMUST) (Senior Medical Lab Technologist- Grade 9 - Medical Microbiology)**

- ✓ Coordination of clinical diagnostic lab teaching for Medical Microbiology.
- ✓ Coordination of practical medical assessment of students in Medical Lab Sciences.
- ✓ Conducting lab practical's for health sciences students.
- ✓ Conducting diagnostic/research lab investigations.
- ✓ Providing diagnostic lab instruction to health sciences students in the clinical setting.
- ✓ Preparation, validation and implementation of protocols in accordance with Standard Operating Procedures.

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**2011-2013 University of Nairobi**

- ✓ Worked as a Medical Laboratory Technologist in University of Nairobi Health services.
- ✓ Medical laboratory data analyst

**2006- 2009: South Sudan- CCM (NGO)**

- ✓ Field Manager and Coordinator of TB Program in South Sudan
- ✓ Training of South Sudanese on Medical laboratory techniques in Lake State.
- ✓ Procurement officer of Medical equipment and drugs.
- ✓ Developed curriculum for training Medical Lab personnel.
- ✓ Supervised and conducted refresher course for Medical Laboratory personnel's.

**1999- 2003 Lamu Mission Hospital**

- ✓ Laboratory in charge in a mission Hospital in Lamu County.
- ✓ Training laboratory personnel.
- ✓ Procurement of laboratory materials and inventory.
- ✓ Carrying out Medical Laboratory tests.

<b>CURRENT PUBLICATION POINTS =</b>
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**Publications**

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- ❖ Oyugi O. Ben, Yongo E. Arthy, Ogony O. Jack, Ochola O. Jew , Hongo Steven, **Wamalwa W. Ronald** , Sowayi A. George, Chungu E. Gladys Shaviya M. Nathan. Association between thrombocytes count and *Plasmodium falciparum* infection among children under five years attending Kombewa Sub-County Hospital. *Journal of Biology, Agriculture and Healthcare* 2014 4(21), 114–123.
- ❖ Shaviya N. M., Zablou J.O., Mang'era C. M., Makokha F.W., **Wamalwa R. W.**, & Sowayi G. A .Genotyping for point mutations in selected codons of pfprt and pfmdr-1 genes of *Plasmodium falciparum* among patients with uncomplicated malaria in Mbita district Kenya. *Journal of Natural Sciences Research*, 2014 4(21), 114–123.
- ❖ Barasa Mustafa' Shaviya Nathan, **Wamalwa Ronald**, Mambo Fidelis, Okoth Patrick, Omedo Asaba Robin, Reuben Rutto, Kagasi Ambogo Esther, Mutai Charles, Sowayi Alubokho George, Ozwara Suba Hastings, Ng'ang'a Waithera Zipporah and Anjili Omukhango Christopher. Expression of Physiologic Biomolecules following Anti- Malarial Cytokine-CpG Motif Oligodeoxynucleotide Gene Therapy.
- ❖ James Emisiko, Nathan Shaviya, Clement Shiluli, **Ronald Wamalwa**, Bernard Jumba, Jeremiah Zablou, Fidelis Mambo, Mustafa Barasa. Comparison of Microscopy and PCR for Detection of *Giardia Lamblia* and *Entamoeba Histolytica* in Human Stool Specimens in a Resource Limited Setting in Western Kenya

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### Conferences/Workshops/Seminars

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- ✓ December 2015, Participated in Bioethics and Good Clinical Practice (GCP) Lite held at the Golf Hotel Kakamega.
- ✓ June 2015 did a short course training in Malaria Microscopy.
- ✓ September 2014 attended scientific paper writing training organized by Management Science for Health (MSH) in collaboration by CDC.
- ✓ 2008 attended Monitory and Evaluation workshop held at AMREF Nairobi Headquarters.
- ✓ 2007 Attended TB workshop held by WHO in South Sudan Lake State.

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### Community Service

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1. World Laboratory day 15<sup>th</sup> April 2015 matioli girls secondary school, Kakamega County.
2. Departmental Medical Camp and Community Outreach 15<sup>th</sup> April Shinyalu Sub-County Hospital.

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### Other Training

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**2004** Certificate course ( Human Resource and management ) Technical University of Mombasa P.O. BOX 90420 **Mombasa Kenya -80100**

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### Education Background

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**August 2020**, Commenced Doctor of Philosophy Biomedical Sciences (Medical Microbiology), Masinde Muliro University of Science and Technology P.O. BOX 190 Kakamega-Kenya, 50100

**2013-2019- Master of Science (Medical Microbiology)**, Maseno University P.O. Box private Bag Kisumu-Kenya

**2009-2011** Bachelor of Science (Medical Microbiology), (Second **Class Honors Upper Division**). Jomo Kenyatta University of Agriculture and Technology. P.O. Box 60200, Nairobi- Kenya. 00200

**2003-2004**, Higher National Diploma (Medical microbiology) Technical University of Mombasa P.O. BOX 90420 **Mombasa Kenya -80100**

**1996-1998**, Diploma (Medical Laboratory Technology), Technical University of Mombasa P.O. BOX 90420 **Mombasa Kenya -80100**

**1990-1993-** Kenya Certificate of Secondary Education (K.C.S.E) passed with **C+**. Kakamwe High School P.O BOX 60, Tongaren- Kenya 30218.

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### Professional Affiliation

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Member of Kenya Medical Laboratory Technician Technologist Board (KMLTTB). Registration No. A01362.

