

CURRICULUM VITAE

1. Family Name: Sakwa
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Profile Summary:

James Robert Wakungwi Sakwa, a Principal medical laboratory Technologist (PMLT) has a diploma, higher diploma (medical parasitology & Entomology) and a degree in medical laboratory science from Kenya medical training college and Mount Kenya University respectively.

Has facilitation, surveying, and technical and assessment expertise in medical laboratory testing in general and has 28 years of progressive experience in senior technical management and supervision in the health sector.

He has broad experience with Kenya's health system.

He has more than 21 years of global health experience in diagnostics with interests in parasitological diseases diagnosis, control and program. Laboratory quality management system, biosafety /biosecurity and continuous quality improvement supporting health systems.

He has been involved in new malaria case management as a trainer of the laboratory component from 2009.

He was the lead negotiator, country representative and instrumental during the bidding and ultimately hosting of the 29th world congress of the International Federation of Biomedical laboratory science (IFBLS) in 2010 for the very first time in Africa,

PMLT, Sakwa joined Masinde Muliro University of science and technology in 2013 as a senior medical laboratory technologist/clinical instructor for medical parasitology and Entomology.

In this position he has been involved in a number of facilitations, assessments and surveillance projects.

He also ensures that projects are planned and implemented efficiently.

Sakwa is an astute forthright, innovative, results oriented with excellent organizational managerial, interpersonal and communication skills. He currently also works as a consultant in the medical laboratory sector.

5. Education

Institutions and Dates	Degree(s) and Diploma(s) obtained
Mount Kenya University – Kenya 2011-2013	BMLS Bachelor of medical laboratory science
Kenya medical training college – Kenya 1998-1999	HND Higher national diploma in medical laboratory science (Medical parasitology/Entomology)
Kenya medical training college – Kenya 1991-1994	Diploma in medical laboratory science

6. Languages: Competence on a scale of 1 to 5 (1=Excellent and 5=Basic)

Language	Reading	Speaking	Writing
English	1	1	1
Kiswahili	1	1	1

7. Short courses, certification and facilitations:

- Co- presenter during the mobilization of youth workshop to strengthen the biological weapons convention (BWC) in Kenya virtual workshop organized by National commission for science technology and renovation (NACOSTI) hosted by United nations office for disarmament affairs (UNODA), Geneva on 24th March ,2022
- Presenter at the regional Biosafety and Biosecurity technical working group (RBB-TWG) virtual quarterly meeting 17th March,2022
- Nominated to the regional Biosafety and Biosecurity technical working group (RBB-TWG) to represent institutions of higher learning on 28th February,2022 hosted by Africa CDC
- Co- presenter to the 2nd cohort of youth for biosecurity under biological weapons convention (BWC) virtual workshop hosted by United nations office for disarmament affairs (UNODA), Geneva on 23rd February,2022
- Nominated to the International risk-based agent prioritization (IRAP) project secretariate and participated in the kickoff meeting held at Crowne Plaza, Nairobi from 21st to 23rd February,2022 hosted by Africa CDC
- Visceral leishmaniasis East Africa World Health Organization (WHO) February 2nd 2022
- Next generation Biosecurity; Responding to 21st Century Bio risks by University of Bath and Biosecure online training completion 1st February,2022
- Strategic planning, training and certification workshop of the East Africa Biosafety Associations Network held at Mount Meru hotel Arusha Tanzania 13th -17th December,2021
- 2nd Leishmaniasis East Africa Platform (LEAP) virtual scientific conference participation 2nd 04th November,2021

- Anti-microbial resistance training course with USAID one health workforce next generation project in Kenya virtual participation 22nd -30th Septmeber,2021
- 20th annual Human quality assessment services (HUQAS) virtual scientific conference from 23rd to 24th September,2021
- Lead facilitator, Masinde Muliro university of science and technology (MMUST) COVID 19 antigen rapid diagnostic testing Trainer of trainers' workshop 16th -17th August 2021
- Anti-microbial resistance one health perspectives virtual participation by Africa One Health University Network (AFROHUN) 14th July,2021
- Facilitator, MMUST COVID 19 antigen rapid diagnostic testing training 24th -25th May 2021
- Facilitator, National COVID 19 antigen rapid diagnostic testing roll out in Western and South rift counties of Kenya 28th February -13th March 2021
- COVID 19 antigen rapid diagnostic testing training by African society of laboratory medicine (ASLM) Academy training -Boma hotel, South C Nairobi,20th -21st January 2021
- The global challenge of vector borne diseases and how to contain them by Liverpool school of hygiene and tropical medicine ARTEC and IVCC online training completion 7th Janaury,2021
- COVID 19 testing sensitization National influenza center, National Public health laboratory service, Nairobi,25th -30th May2020
- COVID-19: Operational Planning Guidelines and COVID-19 Partners Platform to support country preparedness and response; Health emergencies programme-WHO,8th April,2020
- Workshop by One health central and eastern Africa and University of Nairobi -Lukenya resort 11th -15th March,2019
- Team leader ISO 51819:2012 & ISO 19011 on internal audit training,2019
- Commonwealth association of technical universities and polytechnics in Africa (CAPA) leadership training and knowledge exchange program,2018
- Team leader ASLM /Stepwise Laboratory Improvement Projects Towards Accreditation (SLIPTA) auditors training, 2018
- Facilitator on health laboratory services management and epidemiology, Masinde Muliro University of Science and Technology,2016
- ASLM/SLIPTA Auditor training for WHO/AFRO,2015
- Trainer of trainers' course on teach back on malaria case management for Private Sector by Malaria Control Unit (MCU) under Ministry of Health,2014
- Biosafety and Biosecurity training organized by National Biosafety/Security office and Kenya Medical Research Institute (KEMRI) /Centers for Disease Control (CDC),2014
- Trainer of trainers on malaria case management by Division of malaria control,2014
- National medical laboratory Assessor refresher training course by Kenya Accreditation Service (KENAS) and A Global Healthcare Public Foundation (AGHPF),2012
- Moderator Human Quality Assessment Scheme (HUQAS) Conference,2012 to date

- Trainer of trainers on malaria case management by Division of malaria control,2012
- Facilitator, Good Laboratory Practice (GLP) by Total Healthcare group (THCG),2011
- Trainer for Medical Laboratory Accreditation Assessment by KENAS/Ministry of Medical Services (MoMS) and WHO-AFRO,2011
- National medical laboratory Assessor refresher training course by KENAS and AGHPF,2011
- Corporate governance course organized by international center for leadership and development (ICLAD) in conjunction with Kenya Institute of Management (KIM).2011
- Trainer of trainers on malaria case management by Division of malaria control,2010
- Medical laboratory accreditation assessor for KENAS and WHO-AFRO,2010
- Quality Auditor by Kenya Medical Research Institute (KEMRI)-Welcome Trust, Kilifi,2010
- Convener and moderator - International Accreditation Day celebrations by AGHPF, Nairobi,2009
- Trainer of trainers on malaria case management by Division of malaria control,2009
- Survey results dissemination- Health worker for Kenya AIDS Indicator Survey (KAIS), 2007 results Kakamega,2007
- Facilitator-'Good Diagnostic Practices 'on Essential Clinical Services/Essential Laboratory Services by African Medical Research Foundation (AMREF)Clinical Program and MOH,2006

8. Skills

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| <ul style="list-style-type: none"> ○ Policy formulation and advocacy ○ Communication and written ○ Efficient management of issues ○ Program/Project audit and assessment ○ Tropical diseases control programs ○ Medical parasitology and entomology teaching ○ Team lead One health concept ○ Coordination of Quality assurance ○ Cross sectional networking and collaborations ○ Leadership, management, training and capacity building ○ Computer- Proficient in MS Word, Power Point, Excel |
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9. Consulting experience

Dates	Assignment description	Tasks and Achievements
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23 rd June,2022	Appointed to examination and certification committee –regional training and certification program for biosafety and biosecurity professionals by African Union(AU) and Africa centers for disease control and prevention(Africa CDC)	
24 th February,2022	Nominated to the East African regional TWG for Biosafety and Biosecurity of AU/CDC Africa	Work in progress
21 st February 2022	Member national committee of International risk based agent prioritization (IRAP)	Work in progress
14 th Decmeber,2021	Introduction of a curriculum in Biosafety and biosecurity	Show case- presentation done at East Africa Biosafety network workshop and submitted draft budget for commencement of the global program at MMUST
14 th October,2021	Medical laboratory science technicians upgrading program (TUP) examinations external invigilation	Technical expertise and support supervision offered satisfactorily and report submitted
17 th September, 2020	Interim Chair East, central and Southern Africa (ECSA), proposed post graduate college of medical laboratory professional	Liaison, coordination and supervision of the committee for the ECSA Health Commission Arusha Tanzania 3 sub committees established, respective officials elected and work on going
March 2019 to date	Retained as Assessment team leader for ISO/IEC 15189:2012 by KENAS	Continuous assessment of medical laboratories for accreditation during surveillance and reaccreditation-Several assessments accomplished successfully
2015 to date	Retained as ASLM/SLIPTA Auditor for WHO/AFRO,2015	i)Team leader during end of term assessment of laboratories in Coast region of Kenya

		<p>ii) Lead Assessor during external assessment for Quelimane provincial hospital Blood Donor Service, Mozambique by ASLM,2016</p> <p>iii) Lead Assessor during external assessment for Rustenburg and Welkom national hospitals laboratory service, Republic of South Africa by African Society for Laboratory Medicine (ASLM)</p>
2014 to date	Tutor for biosafety and biosecurity	Teaching of students of bachelor of medical laboratory science and those of Biomedical technology together with those taking diploma in medical laboratory science and technology and those upgrading from Diploma to Bachelors- Many students have graduated
2011 to date	Retained as a consultant for Good laboratory practice ,ISO15189(2008&2012) and ISO19011 by Total health care group	<p>a) Successfully accomplished training of 30 NPHLS staff on GLP in 2011</p> <p>b) Recently managed to meritoriously train 15 medical laboratory auditors on Internal audit, October 2019</p>
2010 to date	Retained as a technical assessor by Kenya accreditation service (KENAS)	Accomplished inspection of medical laboratories and submitted reports concerning the same in the private, public and FBO sectors during initial,

		surveillance and re accreditation assessments
2009 to date	<p>1.Retained as an Inspector and quality auditor by Kenya medical laboratory technicians and technologists board(KMLTTB)</p> <p>2.Member and consultant SLIPTA focal person office –Diagnostic unit of MoH, Kenya in office of registrar KMLTTB</p> <p>3.Team leader and consultant in TWG on medical parasitology (Malaria program)</p>	<p>i)Accomplished inspection of medical facilities/institutions and submitted reports concerning the same in the private, public and FBO sectors</p> <p>ii)Trained in country SLIPTA auditors in conjunction with ASLM</p> <p>iii)Trained in country SLIPTA auditors under the auspices of ASLM for the SLIPTA focal person office and diagnostic unit of MoH,Kenya</p> <p>iii) Member of malaria case management and committee of experts representing regulator-KMLTTB at DNMP</p>
2009 to date	Under consulting firm SEMA Ltd contracted as a trainer of the laboratory diagnosis component	Have been successfully accomplishing the same in the various training within many regions of the republic reason I have been maintained all this time
September-November,2013	Under Total healthcare group ;contracted by Mumias Sugar company ltd to offer consultancy on Jiggers management capacity building for community health workers training in the larger Mumias area namely Matungu,Mumias West and Mumias East sub counties	<p>Planned and provided leadership for these trainings</p> <p>Shared medical entomology knowledge on jiggers during the training</p> <p>Trained the trainees and evaluated their competency as they worked</p> <p>Project successfully</p>

		accomplished
April 2010- April 2011	Under Total healthcare group; contracted by National AIDS control council via the constituency AIDS committee during the total war against AIDS(TOWA) funding by world bank to offer consultancy voluntary medical male circumcision in the Mumias area namely Matungu,Mumias West and Mumias East constituencies	Planned and provided leadership for the entire project Sub contracted clinicians to offer the actual surgical procedures and subsequent dressings 1500 clients attended to beyond the expected number of 800 Project certified as accomplished
November,2011	Under Total healthcare group ;contracted by National public health laboratory services(NPHLS) to offer consultancy on Good laboratory practice(GLP) capacity building for all relevant medical laboratory personnel in two cohorts of 15 participants each	Planned and provided leadership for these trainings Disseminated knowledge on the 12 quality management essentials during the training Trained the trainees and evaluated their competency through pre and post tests Project successfully accomplished which has been validated by the number of ISO/IEC 15189 accredited laboratories within NHPLS complex

10. Work experience:

- January 2009-to date: Lead Consultant Total healthcare group
- 24th April,2021 to date -Principal medical laboratory Scientist Masinde Muliro university of science and technology, Kakamega
- February 2013-to 23rd April 2021: Senior medical laboratory technologist medical parasitology, Entomology and Vector Biology, Masinde Muliro university of science and technology, Kakamega

- 2010-2012: Policy and Advocacy Associate-A Global Healthcare Public Foundation (AGHPF) Nairobi Kenya
- July 2009- Dec, 2009: Medical laboratory technologist KEMRI –KISUMU
- July 2006 -Nov, 2008:Medical laboratory Supervisor LABREACT E.A. LTD.
- Sept. 2002 - June 2006: Medical Laboratory Diagnostics Manager CITY MICROLAB LTD.
- 1999 – 2002: Medical Laboratory Technologist- Chemlabs Services Ltd.
- 1994 – 1998: Medical Laboratory Technologist, National Public Health Laboratory Services (NHPLS) - Ministry of Health, Kenya

11. Professional involvement

- ✓ National executive chairman emeritus Association of Kenya medical laboratory scientific officers
- ✓ Past member board of directors at Kenya medical laboratory technicians and technologists board and Kenya accreditation service
- ✓ Serving secretary general/Administrator of the Association of medical laboratory assessors (AKMLA)
- ✓ Chair person interim committee of the Fellowship post graduate college of medical laboratory scientists -East Central and Southern Africa (ECSA)-Health Commission((HC),Arusha Tanzania

12.REFREES

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