

CURRICULUM VITAE

<u>PERSONAL INFORMATION:</u>	
SURNAME	Mwesigwa
OTHER NAME (S)	Alex
DATE OF BIRTH	19 Aug1983
SEX	Male
NATIONALITY	Ugandan
CONTACT: Phone contact	+256775135977/+256700192993
Email	amwesigwa@kab.ac.ug or mwesigwaalex@gmail.com

BRIEF BIOGRAPHY:

Alex is a competent person with experience in research and teaching students from various social and cultural backgrounds. He has vast skills and experience in basic science and Clinical Trials Research. Alex also have a robust laboratory expertise in immunology, parasitology and molecular biology. Currently, Alex is employing his laboratory skills and knowledge to get deeper understanding of *P. falciparum* genetic diversity, multiplicity of infection and antimalarial resistance in areas of varied malaria transmission in Uganda. This work is going to contribute to his PhD thesis for a ward of degree of doctor of philosophy in health science by Makerere university.

ACADEMIC QUALIFICATIONS:

1. PhD fellow 2019 to date, Makerere university. Project title: Evaluation of *P. falciparum* genetic diversity and antimalarial resistance in areas of varied malaria transmission in Uganda.
2. MSc. Immunology and Clinical Microbiology 2015-2017, Makerere university.
3. Bachelor of Biomedical Laboratory technology 2008-2011, Makerere university.

SKILLS AND ABILITIES:

Skilled in generating a research question and or hypothesis conduct a research and disseminate research findings.

Adequate skills and experience in basic science and Clinical Trials Research.

Robust laboratory expertise in immunology, parasitology and molecular biology.

Excellent skills in teaching, supervising and mentoring students from various social and cultural backgrounds.

WORKING EXPERIENCE:

1. Dec 2019 to date: Assistant Lecturer at Kabale University.

Roles and responsibilities:

Delivering lectures to groups of students and using advanced teaching techniques to inspire and motivate them for higher level qualifications and then employment.

Involved in the research and developing curriculum for new courses.

Assessing students' course work and material.

Involved in the setup of exams and the marking of test materials.

Providing mentoring, advice and support to students on a personal level.

Actively leading class discussions and encouraging debate.

Responsible for preparing learning material for courses and devising relevant practical activities

2. 2012 to Mar 2018: Senior laboratory scientific officer at Baylor College of medicine children foundation in Uganda.

Roles and responsibilities.

I was responsible for ensuring proper functioning of the laboratory and quality laboratory services.

Carrying out laboratory assays like Molecular assays, Microbiology, Biochemical, Hematological, and Immunophenotyping tests using both manual and automated systems.

Reviewing and implementing capacity building plan by providing mentorship and training o staff at COE and all other Baylor Uganda supported sites.

Reviewing and implementing safety procedures to maintain healthy and safety aspects and work

place needs.

Conducting periodic maintenance procedures for laboratory equipment/machines and as well routinely monitor equipment and environmental temperatures.

Making periodic forecasts for laboratory reagents and supplies for the section of responsibility and requisitions for the required inventory from laboratory store.

RESEARCH ABSTRACTS/TOPICS WRITTEN AND SUBMITTED FOR PRESENTATION

Jul 2017. Association of Serum Albumin levels with HIV viral suppression and CD4+T cells reconstitution among children attending Baylor Ugandan. Was submitted to Makerere University in partial fulfilment of the requirement for the ward of a master's degree in immunology and clinical microbiology.

Feb 2017: Characterization of HIV1 drug resistance mutations and risk factors among children attending Baylor- Uganda COE Clinic:

June 2015: Occurrence of severe liver toxicity among HIV-1 infected on anti-TB drugs and HAART at Baylor- Uganda COE Clinic: Was accepted as Poster presentation at the Baylor International Pediatric AIDS initiative conference (BIPAI), Johannesburg South Africa and oral presentation at Uganda Pediatric association conference.

Jul 2011. Hepatic and Renal dysfunction among falciparum malaria patients attending Mulago hospital. Was submitted to Makerere University in partial fulfilment of the requirement for the ward of a bachelor's degree in Biomedical laboratory technology.

MEMBERSHIP AND REGISTRATION WITH PROFESSIONAL ASSOCIATIONS/BODIES

Uganda allied health professionals (UAHPC), Uganda medical laboratory association (UMLATA) and Kabale university academic staff association (KABASA)

DECLARATION;

I Mwesigwa Alex declare that information given is true and reflects my true academic and professional experience.

