

CURRICULUM VITAE

Prophet Ingosi Mulega (DMLS, BMLS, MSc)



Cell: +254726848376
Email: p.ingosi@pu.ac.ke
prophetingosi@gmail.com
Address: P.O. Box 335-80113
MARIAKANI.

Key Achievements

- Developed the Pwani University Laboratory Waste disposal and Management policy.
- Initiated the use of Standard Operating Procedures (SOPs) at Tudor District Hospital Laboratory.
- Appointed to co-ordinate exhibitions in the Medical science Department of Technical University of Mombasa section for Mombasa ASK show, public service week.
- Successfully run a local football club; Samba boys FC, Kilifi (under 15, women's team and the main team).
- Chairman to Ushindi Youth group comprising of young men 23-35 years at Mabirikani, Sokoni ward in Kilifi county.
- Appointed to supervise elections as a student in Technical University of Mombasa.
- Part of the organization team of family-fun day at Kemri-Wellcome Trust, Kilifi.
- Won a scholarship to pursue my MSc project at KEMRI/Wellcome Trust Research Program, Kilifi.

Key Skills & competencies

- Biological sample collection and handling.
- QC/QA management in Science laboratories.
- Molecular biology laboratory techniques.
- Patient counseling.
- Analytical, planning and organization of a model hospital laboratory.
- Computer applications i.e. MS excel, MS word, data entry, PowerPoint, database.

- Good communicator with excellent public speaking skills.
- Patient Laboratory results review and interpretation.
- Football club manager.

Work Experience

January 2015 to date : Pwani University, Department of Biochemistry & Biotechnology, Senior Laboratory Technician

- Conducting of practicals to university students.
- Close guidance and supervision to students in their practical laboratory work.
- Providing technical assistance to researchers.
- Providing guidance to students scientific research projects.
- DNA extraction from human samples, mosquitoes.
- ELISA and other immunological assay.
- Updating and maintenance of chemical and equipment inventory.
- Purchasing of laboratory materials and maintenance of stock.
- Supervision of science laboratory technicians and other junior staff.
- Management of the university's science laboratories.

October 2011 to January 2015 : KEMRI-Wellcome Trust Research, Medical Laboratory Technologist

- Human and bacterial DNA extraction.
- Hemoglobin electrophoresis by HPLC.
- Agarose gel electrophoresis.
- Genotyping samples for sickle cell, thalassemia, haptoglobin and CR1.
- Running ELISA on patient samples.
- Perform PCR to all DNA sample.
- Separation of PBMCs.
- Performing quality control and external quality assessment.
- General microscopy care and use of florescent microscope.
- Updating the human genetic studies database using file maker and spreadsheet document.
- Updating the material safety data sheet for new chemicals introduced in the laboratory

August to September 2014: Ministry of Health

- Part of the technical team in a National Malaria survey in Kilifi county, Kenya

May 2013 to August 2014: Technical University of Mombasa

- Part-time lecturing of Clinical chemistry.

December 2009 to October 2011: Tudor District Hospital, Laboratory technologist

- Sample collection, recording and separation.
- Sample analysis i.e. blood, stool, and urine in various departments using different machines.
- Machine calibration in hematology.
- Separation and treatment of laboratory waste.
- Receiving samples from other laboratories using sample accepting and rejection criteria.
- Preparation of culture media using standard operating procedures.
- Perform culturing of microorganisms in microbiology laboratory.
- Preparation, staining and examination of sputum to screen TB infection.
- Preparing negative and positive sputum controls.
- Recording and archiving patient TB results.
- Rotate to all satellite clinics.
- Analysis of HIV blood samples.
- Safe transportation of samples for CD4 testing.
- Writing and review of standard operating procedures.
- Packing of sputum samples for culture.

January 2008 to August 2008: Kakamega Provincial General Hospital Laboratory, Attachee

- Sample reception, recording and collection.
- Sample analysis in chemistry, hematology, microbiology and parasitology labs by the standard operation procedures.
- Media preparation.
- Performing various staining techniques.
- CD4 counting technique.
- Urine filtration and Kato Katz technique of examining parasite in urine and stool respectively.
- Sputum processing and analysis for chest infections.
- Conducting blood campaign programs in different schools under supervision of

senior health workers.

Workshops & Conferences

Attended and participated in Advanced Molecular Diagnostic techniques training in Pwani University

Attended and participated a course on Bio-risk at Kemri-wellcome Trust Research Program, Kilifi

Attended and participated a course on Good Clinical Laboratory Practice (GCLP) at Kemri - Wellcome Trust, Kilifi

Attended and participated Quality control training program at Kemri - Wellcome Trust Research Program, Kilifi

Attended and participated in Integrated Disease Surveillance Response at Kohinoor hotel, Mombasa

Attended and participated in Malaria Case Management Training at Hotel Geogias, Mtwapa Danpark hotel, Mtwapa

Attended and participated in AAFB refresher course at Hotel Geogias, Mtwapa

Trained on HIV/AIDS management

Academic & Professional Qualifications

2014 to date: Pwani University (MSc in Microbiology)

2010 – 2012: Mount Kenya University (BSc in Medical Laboratory Sciences)

Jan 2010: Registration by Kenya Medical Laboratory Technologist and Technicians Board.
(Registration No.A04134)

2006 – 2009: Technical University of Mombasa (Dip in Medical laboratory Sciences).

1999 - 2002: Upper Hill School; Kenya Certificate of Secondary Education

1994 – 1998: Mariakani Garrison Primary School

1991– 1993: Mariakani Primary School

Hobbies & Interests

- Playing and watching football (Matters Football).
- Nurturing of young football talents.
- Visiting friends.
- Team building.

Referees

Dr. James Tuju,
Lecturer, Pwani University,
Post- Doctoral Research Assistant, KWTRP-Kilifi,
P.O Box 230 ó 80108
Kilifi
jtuju@kemri-wellcome.org
j.tuju@pu.ac.ke
Tel. 0711262325

Prof. Paul Guyo,
Dean, School of Pure and Applied Sciences,
Associate Professor of Chemistry, Pwani University,
P.O Box 195 ó 80108,
Kilifi
p.guyo@pu.ac.ke
Tel. 0711849049