

CURRICULUM VITAE.

PERSONAL DETAILS

NAME : EPHANTUS MURIMI NYAGA
DATE OF BIRTH : 22nd MARCH 1982
NATIONALITY : KENYAN
GENDER : MALE
MARITAL STATUS : MARRIED
MOBILE : 0726 293 856
EMAIL : *enyaga@uonbi.ac.ke*

EDUCATIONAL / PROFESSIONAL TRAINING.

| PERIOD | INSTITUTION | QUALIFICATION |
|---------------------------------|---------------------------------|--|
| January 2012 to September 2013. | Mount Kenya University | Bachelor of Science in Medical Laboratory Sciences |
| September 2007 to November 2008 | Technical University of Kenya | Higher National Diploma in Biotechnology |
| September 2002 to 2005 | Kabete National Polytechnic | Diploma in Medical Laboratory Technology |
| January 2001 | F.G.C.K Computer College, Embu | Certificate in Computer Applications and Computer Programming. |
| 1996 to 2000 | Kamama Boys High School, Embu | Kenya Certificate of Secondary Education (KCSE), C (Plain). |
| 1989 to 1996 | ACK Kigari Primary School, Embu | Kenya Certificate of Primary Education (KCPE) |

PROFESSIONAL / WORK EXPERIENCE.

UNIVERSITY OF NAIROBI.

Department of Veterinary Pathology, Microbiology and Parasitology.

2014 – Up to date.

Currently am working as a Technologist in Bacteriology, Biochemistry and Histopathology laboratories where my duties includes;

Bacteriology laboratory

- Preparing practical material for both undergraduate and postgraduate students
- Conducting Practicals for undergraduate students
- Carrying out routine diagnosis of bacteriological samples from Postmortem and from farmers
- Assisting both Undergraduate and Post graduate students in their research work.
- Updating and record keeping of ISO documents
- Performing functional tests and keeping an inventory of all equipments

Biochemistry laboratory.

- Preparing practical material for both undergraduate and postgraduate students.
- Conducting Practicals for undergraduate students
- Assisting post graduate students in their research work.
- Updating and record keeping of ISO documents
- Performing functional tests and keeping an inventory of all equipments

Histopathology laboratory

- Preparing practical material for both undergraduate and postgraduate students
- Conducting Practicals for undergraduate students
- Carrying out routine diagnosis of histopathology samples from Postmortem
- Assisting both Undergraduate and Post graduate students in their research work.
- Updating and record keeping of ISO documents
- Performing functional tests and keeping an inventory of all equipments in

2010 – 2014.

Worked as a Junior Technologist in Media Room, Bacteriology and Biochemistry laboratories where my duties included;

Media Room.

- Preparation of bacteriological medias for undergraduate and post graduate students.
- Preparation of bacteriological medias for research work
- Performing functional tests and keeping an inventory of all equipments in media room
- Proper Update and keeping of ISO documents

Bacteriology laboratory

- Preparing practical material for both undergraduate and postgraduate students
- Conducting Practicals for undergraduate students
- Carrying out routine diagnosis of bacteriological samples from Postmortem and from farmers
- Assisting both Undergraduate and Post graduate students in their research work.
- Updating and record keeping of ISO documents
- Performing functional tests and keeping an inventory of all equipments

Biochemistry laboratory.

- Preparing practical material for both undergraduate and postgraduate students.
- Conducting Practicals for undergraduate students
- Assisting post graduate students in their research work.
- Updating and record keeping of ISO documents
- Performing functional tests and keeping an inventory of all equipments

Departmental Web champion

I am the web champion for the department where my responsibilities include;

- Covering all the events taking place in the department and updating them in the departmental website as News to enhance preference as a web metrics parameter .
- Assisting lecturers, researchers and the technical staff in the department in updating University Profiles and Google Scholar Accounts so as to enhance transparency and excellence as a web metrics parameter
- Attending College web metrics meeting

STUDENT MANAGEMENT INFORMATION SYSTEM (SMIS).

Am also familiar with the Student Management Information System (*SMIS*), since have been involved in the recent Biometric Registration of the first years as they join the University and also the continuing students in the month June to August 2018.

KENYA NEEM FOUNDATION.

February 2009 – December 2009

I was working as laboratory technologist in charge.

My duties included.

Sample collection, performing routine lab tests, CD4 CD8 cells count, stock taking, keeping lab records & counseling HIV patients.

TROPICAL SOIL BIOLOGY & FERTILITY (TSBF)—ICRAF.

July 2008 – October 2008

I joined TSBF an Intern where I worked for two months.

Sections covered included.

In Molecular biology lab I gained practical skills in,

DNA extraction from soil samples, Amplification of DNA through PCR, Restriction Fragment length Polymorphism (RFLP) of PCR products, Running Denaturant Gradient Gel Electrophoresis (DGGE) and Gel Electrophoresis.

In Microbiology lab I gained practical skills in,

Preparation of bacteria culture, Isolation of rhizobium bacteria from root nodules, Culture of rhizobia bacteria in YEMA culture media and Extraction of bacteria DNA from liquid bacterial culture.

KENYA AGRICULTURAL RESEARCH INSTITUTE, BIOTECHNOLOGY CENTRE.

April 2008 –June 2008

I joined KARI, Biotechnology Centre as an Intern where I worked for two months.

Sections covered included.

Animal tissue & cell culture lab, Plant tissue culture lab, Plant molecular lab, Insect bioassay lab and Green house.

I gained practical experience in, Media preparation & animal cell culture, Plant tissue culture, Preparation and running of Gels, Performing PCR & ELISA Test, Rearing of insects in the lab and Acclimatization of plantlets in greenhouse.

CENTRAL VETERINARY RESEARCH LABORATORIES, KABETE.

February 2008 – April 2008

I joined CVL, Kabete an Intern where I worked for two months.

Sections covered included,

Bacteriology, Virology, Serology & Mycoplasma Lab, Chemistry and Postmortem Room.

I gained practical experience in, Sample collections, Bacteriological media preparations, Bacterial culture & serotyping of bacteria strains, Diagnosis of animal diseases using, ELISA, Haemagglutination Test (HAT), Fluorescent Antibody Test (FAT), Complement Fixation Test (CFT) and Polymerase Chain Reaction (PCR).

Also I gained skills in Isolation of viruses in egg embryo and Postmortem procedures.

LIBERTY MATERNITY & NURSING HOME, EMBU.

April 2006 - September 2006

I was working as laboratory technologist in charge and my duties included.

1. Performing routine lab procedures like, Widal test, Blood slide for malaria parasites, Stool examination for Ova & Cyst, Brucella test, V.D.R.L, Erythrocyte Sedimentation Rate (ESR), Cell count using coulter counter, Parasite identification in blood slides, Bacterial culture & sensitivity, Estimation of total serum proteins & albumin, Estimation of Na⁺, Ka⁺ and urea in serum
2. Stock ordering.

SEMINARS/ WORKSHOPS ATTENDED

| DATE | TOPIC | VENUE | AWARD |
|--|--|--|--------------|
| 5 TH - 7 TH September 2018 | <i>Diagnostic Techniques for Surveillance of Antimicrobial Resistance Organisms in Kenya</i> | Vet. Pathology Large Lecture Theatre, CAVS | Certificate |
| May 2011 | <i>Transformation customer care</i> | Clinical Studies, CAVS | Certificate |
| 10 th - 11 th August 2011 | <i>Trends in Veterinary Parasitology</i> | Vet. Pathology Large Lecture Theatre, CAVS | Certificate |
| 18 th May 2011 | <i>Forensic Veterinary Science.</i> | Vet. Pathology Large Lecture Theatre, CAVS | Certificate |

REPORTS WRITTEN.

Surveillance of Salmonellosis in patients between 18 years to 50 years at Embu Provincial General Hospital.

Molecular characterization of indigenous trees at International Centre for Agro forestry (I.C.R.A.F).

Determination of intestinal parasites in patients attending Embu Provincial General Hospital.

REFEREES.

- 1. DR. DAVID. K. KAGUNYA.**
Head of Microbiology Section,
Dept. of Vet. Pathology, Microbiology & Parasitology,
University of Nairobi.
Tel. 0721 773 637

- 2. DR. LUCY. W. NJAGI.**
Senior Lecturer,
Dept. of Vet. Pathology, Microbiology & Parasitology,
University of Nairobi.
Tel. 0710 597 480

- 3. EZEKIEL.H.WEDA**
Principal Technologist.
Dept. of Vet. Pathology, Microbiology & Parasitology,
University of Nairobi.
Tel. 0722 671 989