

## **CURRICULUM VITAE**

Name **AMUKAMWA ITENYA SEBASTINE**  
Date of birth 12<sup>th</sup> January 1974  
E-mail s.itenya@uonbi.ac.ke  
Gender Male  
Marital status Married  
Religion Christian  
Address P.O.Box 38 Shiyalu  
Telephone 020-631117, Mob: 0714725425  
Nationality Kenyan

### **OBJECTIVE**

To use interpersonal relations, broad knowledge and skills for the benefit of the society and my prospective employer as I develop my skills

### **OCCUPATION**

Senior Technologist DEF (University of Nairobi)

### **WORK EXPERIENCE**

Date 3<sup>rd</sup> September 2007 to date.  
Position Senior Technologist DEF  
Institution **University of Nairobi** (P.O. Box 29053, Nairobi)  
Duties/responsibility

- General laboratory management and administration/Ag chief Technologist
- In charge of molecular genetics and genomics unit
- Participation in research and practical demonstration of molecular finger printing techniques: e.g. PCR, DNA extraction and quantification
- Preparation of practical's in Biochemistry and Mol. Biology for teaching undergraduate and post graduate students
- Work in Biochemistry/nutrition and quality control unit which involves sample analysis for sugars/carbohydrates, proteins and lipids
  - fat extraction (sohxlet method) and quantification (GLC method)
  - protein extraction and quantification (Kjedahl method and spectrometry)
  - amino acid quantification using high power liquid chromatography (HPLC)
  - mineral determination using atomic spectrophotometry
  - crude fibre analysis (*in-vitro/in-vivo and van-soest* techniques)

Date March 2007-Sept 2007  
Position Research Assistant  
Institution **Moi University (P.O. Box 3600, Eldoret)**  
Duties/responsibility Teaching and providing technical support for PhD and Msc. Students in their research work (gene transformation and molecular finger printing techniques)

Date May 2006-March 2007  
Position Research Assistant  
Institution **Kenya Agricultural Research Institute KARI** (Njoro Campus)  
Duties/responsibility

- Participation in research work using finger printing techniques in gene transformation and polymorphism I of which funded by Rock fellow and International Atomic Energy Agency (IAEA).
- Assisted post-graduate students in their research work using polymerase chain reaction (PCR), Tissue culture techniques

Date  
Position  
Institution  
Duties/responsibility

May 2005- Dec. 2006  
Intern Technologist at the School of Medicine, Biochemistry Department  
**Moi University**  
Preparation and conducting biochemistry practicals for medicine and environmental health students

Date  
Position  
Institution  
Duties/responsibility

Aug. 1998- Dec. 2000  
Internship and training  
**Kenya Medical Research Institute (KEMRI)** (P.O. Box 1578, Kisumu)  
- Carried out research projects on prevalence and resistance of *Entameba histolytica* in Kisumu West and presented to Kenya National Examination Council for award of a diploma in applied sciences

## **EDUCATION & TRAINING**

Date  
Institution  
Course

Sept.2011 to date  
University of Nairobi  
**MSc. Biotechnology and Bioinformatics**

Date  
Institution  
Course  
Award  
Skills covered

May 2001-Dec. 2005  
**Jomokenyatta University of Agriculture and Technology**  
**BSc.Biochemistry and molecular Biology**  
**Second Class Honours Upper Division**  
Biochemical and Molecular Biology Analytical Techniques

Date  
Institution  
Course  
Award  
Skills covered

Jan.1997- Dec. 1999  
Rift valley Technical Institute(Eldoret Polytechnic)  
**Diploma Applied Science (Biology)**  
Pass (Kenya National Examinations Council)  
Laboratory analytical techniques

## **SCHOOL**

Date  
School  
Results

Jan.1991- Nov.1994  
Bushiangala Secondary School  
**B- (Minus)** Kenya National Examinations Council

## **PERSONAL SKILLS & COMPETENCE**

Attended workshops and training on customer care skills, leadership and performance enhancement skills at the University of Nairobi.11<sup>th</sup> may 2012 and 28<sup>th</sup> -29<sup>th</sup> July. 2012

Computer Skills

Competent with Microsoft Office programs e.g. Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft access and Publisher.Linux/Ubuntu

**Occupational Skills and Competence**

Teamwork: While at Moi University in conjunction with PhD researchers from Kenya Agricultural Institute, I was able to set a modern Biotechnology and Molecular Biology Laboratory and I have done the same at the University of Nairobi

**Personal Interests**

- Driving (Class ABC)
- Research proposals and thesis report writing
- Football, Rugby and Boxing
- Reading science journals, research abstracts and newspapers.

**REFEREES**

1. **Prof. B.N MITARU**  
University of Nairobi  
Faculty of Vet.Medicine  
Box 29053-00625, Nairobi  
Tel: 020631117 Mob. 0722784241
2. **Dr. Joel Ochien'g**  
University of Nairobi  
Faculty of Vet. Medicine  
Box 29053-00625, Nairobi  
Mob. 0711121359
3. **Prof Miriam Kinyua(Moi University)**  
**Dpt.of Biotechnology.Box 1125 Eldoret.Mob. 0737733943**