

## **CURRICULUM VITAE**

**AMBROSE ODEDO NDIAWO**

**Cell: 0702399837**

**Email:ambrosendiawo@gmail.com**

### **PERSONAL PROFILE**

- An all rounded individual willing to learn from experienced persons across all fields so as to develop as an eclectic personality that is capable of steering an organization towards its goals.

### **CAREER OBJECTIVES.**

- To fully utilize my professional skills and experience in biology and other related fields in providing quality and result oriented service and to accept any position of which I am qualified that provides challenges and opportunities for additional training and healthy learning opportunities..

### **PERSONAL DETAILS**

<b>DATE OF BIRTH:</b>	15 <sup>th</sup> FEB 1993
<b>MARITAL STATUS:</b>	Married.
<b>SEX:</b>	Male.
<b>NATIONALITY:</b>	Kenyan
<b>ID NO.</b>	29557408
<b>RELIGION</b>	Christian
<b>LANGUAGES</b>	English & Kiswahili

## **EDUCATIONAL BACKGROUND**

<b>INSTITUTION</b>	<b>AWARD</b>	<b>COURSE WORK</b>
<b>THE TECHNICAL UNIVERSITY OF KENYA (T.U.K) 2012-2016</b>	<b>BACHELOR OF TECHNOLOGY IN SCIENCE LABORATORY TECHNOLOGY Year: 2016</b>	Graduated with a Second Class Honors-Upper Division).
<b>NYANGOMA BOYS' HIGH SCHOOL 2007-2010</b>	<b>KENYA CERTIFICATE OF SECONDARY EDUCATION YEAR:2010</b>	Relevant secondary school curriculum by the Kenya Institute of Education. (67) <b>SCORED B+</b>
<b>MBEKA PRIMARY SCHOOL 1999-2006</b>	<b>KENYA CERTIFICATE OF PRIMARY EDUCATION YEAR:2006</b>	Relevant primary school curriculum by the Kenya Institute of Education. <b>SCORED 372/500 MARKS( B+ AVERAGE)</b>

## **WORK EXPERIENCE**

### **1. September 2017– To date - Laboratory Technologist III at Jaramogi Oginga Odinga University of Science and Technology.**

#### **Responsibilities**

- Involved actively in the preparation of sanitizer, hand wash, bleach and general purpose soap at JOOUST Chemistry labs, to help provide protective measures against COVID 19 virus spread and infection.
- Assisting students and research students/ lecturers in their research works in the laboratory and in the field. Involved in projects like Hohenhein milk project by Prof. Muok and Evolution of Upland Rice Germplasm Response to Abiotic Stress and Integration of Stress Responsive Genes by Dr. Richard Magwanga.
- Preparation of laboratory equipment's and ensuring general laboratory cleanliness, biosafety rules. Techniques learnt includes:
- Molecular techniques: DNA extraction, purification, quantification and amplification by PCR.
- Histological Techniques tissue analysis and preservation and tissues cutting using a microtone.
- Microscopy and microbiological experimental techniques like culturing, isolation, characterization and identification of different microbes.
- Biochemical tests, water test for coliform indicators, filtration techniques like thin layer chromatography, paper chromatography.
- Herbarium techniques in plant taxonomy.
- Laboratory inventory control management, carrying out practical illustration for students and developing practical manuals in coordination with course lecturers.
- Taking students out for academic trips to promote their practical understanding of the theory taught in class.

### **2. June to September 2016 - Community Mobilizer Center for International Programs (ICAP)**

#### **Responsibilities**

Immobilization, awareness creation and HIV/AIDs counseling and testing.

### **3. April 2016: Attachment at KEMRI/CDC Kisumu.**

#### **Duties and Responsibilities:**

Adhering to standard laboratory management practices, blood sample collection from the field, immune-fluorescence cell surface staining and acquisition using the FACs machine. ELISA protocols. RNA and DNA extraction, determination of anemia in blood samples using HP machine, karto-kats and direct stool preparations and microscopy.

**4. January 2015- May 2015**

**Laboratory assistant;** Technical University of Kenya, Department of Biological and Life sciences, worked in the following labs; Microbiology, Histology, Animal house, Biological Reagents, Phyto-analytical and chemistry lab and Museum Laboratory.

**Responsibilities**

Preparation and bio-chemical analysis of cultures and carrying biochemical tests to identify specific microbes. Preparation of animal tissues and organs for histological processing and microscopic illustrations.

**5. 2014 January- May 2014:**

**National museums:** Voluntary botany research assistant.

**Responsibilities: Arboretum** techniques, plant identification and labeling, plants diets evaluation and effects of plants growth on terrain and soil texture, plant and animal associations and interventions to protect endangered species.

**6. January 2011- May 2012;** a biology teacher at Mbeka Girls secondary school

Designation: Head of science department and bio-safety in charge.

## **REFEREES**

- i. Prof. Regina Nyunja  
DEAN, SBPMAS JOOUST,  
[reginanyunja@yahoo.com](mailto:reginanyunja@yahoo.com)  
Mobile: 0721 465969
  
- ii. Prof. Harrison Tsingalia  
H.O.D Biological Sciences Department JOOUST.  
[mugatsi2005@gmail.com](mailto:mugatsi2005@gmail.com)  
Mobile: 0722 286082
  
- iii. Dr. Benson Onyango  
Micro-biologist, JOOUST,  
[benboyhi@gmail.com](mailto:benboyhi@gmail.com)  
Mobile: 0724 694913