

CURRICULUM VITAE

NAME: OWITI HISDON OMONDI
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BIO DATA

DATE OF BIRTH: 2nd October 1991
GENDER: Male
NATIONALITY: Kenyan
ID/NO: 28550561
MARITAL STATUS: Married
RELIGION: Christianity
LANGUAGES: English and Kiswahili

CAREER OBJECTIVES

- To become competent and research oriented technologist ready and ever willing to uplift the living standard of the society and putting more emphasis on the importance of research.
 - To work in highly reputable institution and situation calling for total dedication, creativity, implementation of projects, evaluation and decision making as per institution vision and mission.
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EDUCATION BACKGROUND

YEAR	INSTITUTION	QUALIFICATION
2006 – 2009	Ringa Secondary School	KCSE (C Plain).
1998 – 2005	Ndonyo Primary school	KCPE (Certificate).

PROFESSIONAL TRAINING

FEB 2018 – JULY 2020

SIGALAGALA NATIONAL POLYTECHNIC

HIGHER NATIONAL DIPLOMA IN APPLIED BIOLOGY

K.N.E.C Certificate – CREDIT

CORE AREA COVERED

- Microbiology
 - Animal physiology
 - Pharmacology and toxicology
 - Laboratory management and statistics
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JAN 2012 – NOV 2014

KISUMU NATIONAL POLYTECHNIC

DIPLOMA IN APPLIED BIOLOGY

K.N.E.C Certificate – PASS

CORE AREA COVERED

- Microbiology, Immunology, Parasitology, Biochemistry.
- Taxonomy, Ecology & Soil Science
- Pharmacology, Toxicology & Histology
- Laboratory Practice & Management.
- Museum, Herbarium, Vivarium & Aqurium.
- Plant & Animal husbandry and Entomology
- Genetics & Cytology
- Anatomy & physiology of plant and animals
- Research projects

OTHER TRAINING ATTENDED

May 2015 – July 2015 UNITED MICRO-CARE SYSTEMS

Certificate in Computer Studies.

PACKAGES COVERED

- Introduction to Computer Science.
- Windows 200
- MS Word

- MS Excel
- MS Access
- MS Power Point
- Internet & Email
- Page Maker

Result - CREDIT

WORKING EXPERIENCE

2016 SEPT TO DATE: Laboratory technologist –Jaramogi Oginga Odinga University of Science and Technology, School of Biological and Physical Sciences.

Duties and Responsibilities

- Principles of plant pathology i.e. disease symptoms e.g. leaf spot, blight, canker, dumping off, root rot and rusting.
- Principle of economic botany i.e. carrying out ethnobotanical survey, preservation of plant products such as seeds, fruits, vegetables and oils, carrying out phytochemical analysis of specific plants such as Sodom apple.
- Isolation of soil fungi, Isolation of fungi from diseased plant materials, antifungal compounds in different plants
- Isolation of bacteria from infected plants.
- General Microbiology i.e. staining of bacteria e.g. Gram staining, simple staining, aseptic technique and pure culture isolation.
- Water analysis - Presumptive, confirmatory and complete tests.
- Soil analysis: i.e. texture, soil-water relations e.g. permeability, capillarity, water holding capacity and moisture content
- Herbarium techniques i.e. Collection, pressing, drying, mounting and storage;
- Biological analysis of milk;
- Nematode extraction from soil and roots, staining and mounting on a slide;
- DNA extraction and quantification of bacteria, fungi and plant
- Maintaining operating standards of laboratory equipment's such as centrifuge, pipette machines, PH meters, colony counter and many other;
- Preparation, organizing and demonstrating practical sessions;
- Protein quantification using UV spectrophotometer
- Assisting the 4th year, Masters and PhD students in technical research work

2015 MARCH - 2016 JUNE: Laboratory technologist – Maseno University, Botany laboratory
(Internship)

Duties and Responsibilities

- Prepare practical classes;
- Performing laboratory test to provide reliable and precise data to support scientific investigation;
- Cleaning and sterilizing laboratory glass ware and equipment;
- Prepare samples and specimen for analysis;
- Recording and sometimes interpreting result for students;
- Following and ensuring strict procedures and safety check in a laboratory;
- Assisting students in their research activities;
- Ensure proper storage and stock control of chemical and equipment.
- Ensure proper disposal of laboratory waste.

2014 DEC – 2015 FEB: Laboratory technologist – Sony Sugar Company, Department of
Research and Innovation (volunteer)

Duties and Responsibilities

- Analyzing soil from different sugarcane field;
- Carrying out chemical and microbiological analysis on sugarcane extract sample;
- Culture bacteria responsible for causing diseases in sugarcane plant;
- Identification of nematodes available in different sugarcane field.

2013 JAN – APRIL: Attachment - Maseno University, Botany Laboratory.

CURRENT OUTREACH PROGRAMN

University covid-19 response team where am actively participating in the production process of sanitizers, liquid soap, bleach and disinfectant. I am also saving as the sole storekeeper of the products processed by the team.

PERSONAL INTREST

1. Reading
2. Travelling
3. Socialization

REFEREES

1. Prof. Regina Nyunja
Dean,
School of Biological and Physical Sciences,
Jaramogi Oginga Odinga University of Science and Technology,
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2. Dr. Richard Magwanga
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