

CURRICULUM VITAE

PERSONAL INFORMATION

NICKSON SIMANI IFEDHA



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Sex Male | **Nationality** Kenyan

EDUCATION AND TRAINING

SEPT 2015 – April 2017

BACHELOR OF SCIENCE IN MEDICAL MICROBIOLOGY
Jomo Kenyatta University of Agriculture and Technology, Nairobi (Kenya)

JAN 2000 – DEC 2003

DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY
Eldoret National Polytechnic, Eldoret (Kenya)

JAN 1994 – NOV 1997

KENYA CERTIFICATE OF SECONDARY EDUCATION (KCSE)
Senende High School, Vihiga (Kenya)

JAN 1986 – NOV 1993

KENYA CERTIFICATE OF PRIMARY EDUCATION (KCPE)
Shamakhokho Primary School, Vihiga (Kenya)

WORK EXPERIENCE

17th Nov 2020 to date

Senior Laboratory Technologist University of Nairobi, Nairobi (Kenya)

- In-charge of all operations in the Microbiology Laboratory.
- Maintain accurate records and perform tests on all activities conducted in laboratory.
- Maintain purchase orders for all laboratory processes and monitor inventory for same.
- Perform audit on various program and perform review for same
- Develop and prepare documents for all laboratory protocols and standard operating procedures
- Ensure that all laboratory equipment are in proper working condition
- Assist researchers and lecturers in preparing and setting up experiments.
- Conduct experiments as directed by researchers and educators.
- Promote and enforce safety protocols within the laboratory
- Properly handle and store various samples, specimens, and cultures
- Implement and maintain quality control measures to ensure accurate and reliable results.
- Maintain detailed and organized records of experiments, procedures, and results.
- Provide guidance and support to researchers, students, and other lab personnel in conducting experiments and using laboratory equipment properly.
- Stay up-to-date with the latest laboratory techniques, technologies, and research developments
- Adhere to ethical guidelines and regulatory requirements related to research and data handling.

18th Sept 2014 to 16th Nov 2020 **Laboratory Technologist**
University of Nairobi, Nairobi (Kenya)

- Quality control; perform quality control and quality assurance functions.
- process samples in all sections of the laboratory as per SOPS
- Prepare laboratory consumables e.g. culture media, staining solutions, mordant, normal saline, Formal saline, anticoagulants etc.
- General clerical works i.e. reception of clients and dispatch of results.
- record, analyze and interpret laboratory data
- Clean and sterilize of laboratory equipment and apparatus
- Process of samples for transportation to specialized external laboratories.
- Participate actively in the computerization of laboratory system
- Analyze retrieved data and prepare reports for laboratory management
- Participate in inventory control and management of laboratory supplies
- Participate in the development of laboratory protocols.

4th April 2011 to 17th Sept 2014 **Technical Assistant**
University of Nairobi, Nairobi (Kenya)

- Assist in the maintenance and calibration of laboratory equipment
- Prepare samples for testing or analysis according to established protocols
- Assist in data collection during experiments or tests.
- Support quality control procedures by conducting routine checks, calibrations, and verifications
- Assist in maintaining inventory of laboratory supplies, chemicals, and reagents
- Follow safety protocols and guidelines to maintain a safe working environment.
- Collaborate with laboratory staff, scientists, and researchers to coordinate activities and ensure smooth operations
- Provide general support to the laboratory team, such as organizing and cleaning work areas,
- Assisting with the setup and dismantling of experiments.
- Maintaining documentation and records

SHORT COURSES

- Laboratory records management (University of Nairobi, 2016))
- Risk analysis for antimicrobial resistant (one Health, 2017))
- Biological and chemical safety awareness (ESCO Biosafety institute, 2019
- Computer application (Kiwani Computer College, 2019)

PROFESSIONAL BODIES

Kenya Medical Laboratory Technician and Technologist Board: **REG. NO A05566**

REPORTS AND THESIS

1. Mastitogenic bacteria and their antimicrobial susceptibility patterns in Kabete SubCounty(2016)
Bachelor of Science in Medical Microbiology
2. Prevalence of Taeniasis among patients visiting Misikhu Mission Hospital (2002)
Diploma in Medical Laboratory Technology

SKILLS LEARNT

SKILLS LEARNT

- Development of the laboratory protocols and standard operating procedures
- Performing quality control and quality assurance functions
- Testing and calibrating laboratory equipment in preparation for specific task
- Preparation of samples prior to shipment to specialized laboratory
- Following SOPs to ensure product integrity and quality control
- Analyzing retrieved data and preparing reports for laboratory management
- Preparation of teaching materials and equipment's for students practical's
- Phlebotomy and analyzing specimen in all departments of the laboratory
- Hazards identification and review HACCP programs
- Cleaning and sterilization of laboratory equipment and apparatus.
- Preparation of laboratory consumables
- Computerization of the laboratory system
- Preparing and setting up students practical
- Process and properly store various samples, specimens, and cultures

REFEREES

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1. Dr. Peter Kimeli
Lecturer, University of Nairobi
Tel: 0726241137
1. Clarence Imbuga
Laboratory Manager, Lewa Conservancy
Tel: 0715827489
2. Hildah Nakweya
Assistant Chief Technologist, University of Nairobi
Tel: 0702019199