

Curriculum vitae

Name Benjamin Wesonga Panyako

Date of birth 31 08 1983

Place of birth Kakamega, Kenya

Marital status Married

Address 8543 00200 Nairobi

Email: wesongabenjamin@gmail.com

Objective

To use my technical expertise in Microbiology, Molecular Biology Food safety, Environmental assessment and monitoring & evaluation knowledge in developing and using appropriate ideas policies and guidelines that benefits mankind and the world.

Educational background

Year of study	Institution	Certificate
April 2015 to date	Kenyatta University	Masters of Science in Microbiology
August 2010 – April 2013	Technical University of Mombasa	Bachelor of technology in Industrial Microbiology and Biotechnology
April 2003 – July 2006	Kenya Polytechnic	Diploma in industrial microbiology
February 1998 – December 2001	St. Kizito's Sec School	KCSE certificate
January 1990 – December 1997	Shikomari Primary	KCPE certificate

Professional qualification

Date	Institution	Certificate
23th May -19th June 2022	United Nations institute for training and research	Trade, food Security and Nutrition
14 th June 2021	Scoreline Africa Consulting Group	Supervisory Skills
January 2017-March 2017	Kenya Institute of Management	Monitoring and Evaluation
17 th – 19 th August 2016	University of Nairobi Enterprises & Services Limited	Laboratory Waste Management
15 th – 20 th March 2015	European Union (standards and market access program) - Kenya.	Laboratory Business Plan training
March – April 2013	Technical university of Mombasa	Environmental impact assessment and Environmental Audits
21 st – 25 th May 2012	Kenya institute of social works and community development	Certificate occupational and health and safety training.

Technical courses

Date	Institution	Certificate
03 rd – 28 th June 2019	University of Copenhagen (DANIDA)	Microbial Food quality and safety- Analytical methods <ul style="list-style-type: none"> - Traditional and Molecular methods for microbial determination - Methods for detecting Virus in foods - Application of predictive microbiology - Antimicrobial resistance and bacteriophage activities determination - Use of bioinformatics. - Good laboratory practice, sampling errors and Laboratory accreditation
7 th – 11 th May 2018	Chrome Africa LLC, Government Chemist Nairobi	Molecular techniques <ul style="list-style-type: none"> - Sample preparation for DNA analysis - DNA extraction - DNA quantification - Gene analysis
08 th – 11 th May 2017	Biosel Lab Solutions LTD. South Africa	Method validation & uncertainty of measurement in Microbiology <ul style="list-style-type: none"> - Microbiological method validation - Microbiological uncertainty of measurement - Reference culture preparation, preservation and use.
12 Th – 16 Th May 2014	Chrome Africa, National veterinary Laboratories Kenya.	Bio assay Detection Technique of mycotoxin and safety in food chain. <ul style="list-style-type: none"> - Its purpose was to make use of all the chromatography methods, polymerase chain reaction methods and ELISA methods in the qualification and quantification of mycotoxin and mycotoxin causing fungi in cereals.

Quality Management Systems qualification

Date	Institution	Certificate
9 th -11 th July 2019	South Africa National Accreditation Services, (SANAS) South Africa	Laboratory Management system Quality Assurance in Laboratory Testing based on ISO 17025:2018
6 th – 8 th February 2019	FCCI New Delhi INDIA	Implementation of 22000:2017 Course (Food safety management systems).
10 th - 12 th February 2016	Kenya Bureau of Standards	Laboratory Assessors Training
5 th - 6 th Dec 2013	Kenya Bureau of Standards, Mombasa Kenya.	Training of Trainers course in Quality Management Systems Internal Quality Auditing.

3 rd – 4 th Dec 2013	Kenya Bureau of Standards, Mombasa Kenya.	Training of Trainers course in Quality Management System.
--	--	---

Experience

Date	Institution
August 2008 to date	Kenya bureau of standards, Microbiology Principal Laboratory Analyst and deputy head of the laboratory. Responsibilities -Testing Services in Microbiology Laboratory. -Maintenance of Equipment -Research, validation and adoption of Test Methods -Training of new staff and students on attachment -Auditing institutions on, ISO 22000:2017 and ISO 9001:2015 -Trainer in Quality Management Systems -Internal Quality assessment of KEBS Microbiology Laboratories -Laboratory Management System (ISO 17025:2018). -Participate in technical committee meeting as Microbiology, Food safety and Environment resource person.
January 2020 to date	Kenya Accreditation Services, Technical assessor. Responsibility -Technical assessment of Microbiology laboratories for KENAS accreditation purposes.
Oct 2017	-Monitoring and evaluation of registered youth clubs and self-help groups on voluntary basis.

Technical Workshops and Conferences

Date and Place	Conference
23 rd to 27 th November 2020	XIX workshop on Rapid methods and automation in food Microbiology -Biofilm detection and identification -Miniaturization: Microtiter plate, most probable number (MPN), viable cell counts. Diagnostic kits -Immunological methods for microbial and toxin detection and identification -Molecular biology methods for microbial detection and identification
28 th – 30 th November 2016 in Dar salaam Tanzania (Tanzania Drug and Food authority SADACMET-PT)	7 th Evaluation within SADCMET microbiology proficiency testing scheme for Water Testing Laboratories including training. -Training on Root Cause Analysis -Uncertainty of Measurements
24 th – 26 th November 2014 in Lusaka (Zambia Bureau of Standards and SADACMET-PT).	6 th Evaluation workshop within the SADACMET Microbiology Proficiency Testing Scheme for Water Testing Laboratories with Training on 'Measurement uncertainty'.
26 th -29 th November 2013 at University of Barcelona, Spain	XII workshop on Rapid methods and automation in food microbiology. Its purpose was to broaden and spread the theoretical and practical knowledge about innovative methods for rapid detection, isomeration

	and characterization of food borne and waterborne microorganisms and their products.
5 th -9 th August 2013 at National Biosafety Authority KICC Nairobi, Kenya.	2 nd National Biosafety conference whose theme was Biosafety Advocacy for the realization of Vision 2030.
29 th Sept – 1 st Oct 2010. East and South Africa Laboratory Managers Association (E-SALAMA)	Mombasa Workshop on Statistical Analyses in the Analytical and Research Laboratories.

Professional registration

Date	Registration body	Registration
9 th December 2014	National Environmental Monitoring Authority (Kenya).	Associate Expert (7400)
11 th December 2017	SKenya Bureau of Standards (National Quality Institute)	ISO 9001, ISO 27000, ISO 17025, Systems auditing and HACCP
25 th November 2018	Kenya Bureau of Standards (Certification body)	Auditor in Food Safety Management Systems

Other activities

Date	Events	Venue
23 rd April 2019	Board member	Esokone Secondary School
27 th -31 st August 2014	Trade Judge	Mombasa international show
2017 to date	Environmental conservation	Several Primary schools in Kakamega County, Kenya

Hobbies

- Reading books and Research articles.
- Watching documentaries and world scientific discoveries

Referees

1. Mr. Clackson Agembo
Manager Microbiology Laboratories
Kenya Bureau of Standards
P.O.BOX 54974-00200
Nairobi, Kenya.
Tel: 0722806502

E-mail: agemboc@kebs.org

2. Dr. Gibson Kamau Gicharu
Lecturer
Technical University of Mombasa
P.O BOX 90420 - 80100 G.P.O.
MOMBASA, Kenya.
Tel: 0722387926
E-mail: gicharugibsonkamau@tum.ac.ke