

PERSONAL  
INFORMATION

Max Siteta Mutuku

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💬 max.mutuku2

Sex Male | Date of birth 30/12/19983 | Nationality Kenyan

## JOB APPLIED FOR

PhD Scholarship

## WORK EXPERIENCE

July 2016 to present (Engaged  
when need arises)

Expert Reviewer in Food Biotechnology and Biosafety (Food safety and Nutrition).

National Biosafety Authority, Kenya.

P.O. Box 28251- 01000

Nairobi.

[www.biosafetykenya.go.ke](http://www.biosafetykenya.go.ke)

Reviewing and making decisions on the transfer, handling and use of Genetically Modified Organisms in foods, feeds and industry and related Biosafety activities in Kenya.

Acquired skills in food safety, security and nutrition concerns, decision making and application of science informed policies.

August 2012- To present

Public sector

Senior Biochemist.

Food Safety and Nutrition Unit, National Public Health Laboratory (NPHL),  
Ministry of Health

P.O BOX 30016 -01000, Nairobi.

Web: [www.nphls.or.ke](http://www.nphls.or.ke) , [www.health.go.ke](http://www.health.go.ke)

- Performing analysis of foods for microorganisms, mycotoxins, heavy metals, pesticide residues, food additives and nutrients to ascertain safety, quality and conformance to standards.
- Participation in nutritional programmes e.g Iron, Zinc, Vitamin A and Potassium Iodate fortification in foods.
- Implementation ISO 17025 standard in the Laboratory.
- Participation in Codex Technical committees on food standards, formulation of food standards in Kenya in collaboration with Kenya Bureau of standards secretariat.
- Formulation of food hygiene guideline in collaboration with stakeholders.
- Represent National Public health Laboratory at the National Food safety coordinating committee (NFSCC).
- Generation of analytical results which are used to influence policy decisions on nutrition and public health matters at the Ministries of Health and Agriculture and Livestock.

Acquired skills in leadership, project management ,research, food safety and public health nutrition

July 2011- August 2012

Public sector

Assistant Livestock Production Officer

Ministry of Livestock  
P.O BOX 107,  
Kithimani.

Worked as a livestock production officer in charge of food nutrition, safety, value addition and disease prevention in Katangi Division.

Worked with National Agriculture and Livestock Extension Programme-Swedish International Development Authority (NALEP-SIDA) programme and Kenya Agricultural Research Institute -MCGILL University food safety, nutrition and security project in Yatta district.

Acquired skills in leadership, project management, research, food safety, value addition and Monitoring and Evaluation.

August 2007- September 2008

Public sector

Production Supervisor

Guango Dairy and Food Products Ltd  
P.o Box 426,  
Karuri.

Incharge of processing, packaging and coordinating Maintenance practices in the food plant, formulation of daily production to satisfy the market.

Acquired skills and experience in processing, product formulation, quality assurance and maintenance.

Private sector

## EDUCATION AND TRAINING

2014 - 2015

MSc in Food Science – Title of dissertation: Microbial growth and lipid accumulation by newly isolated *Metschnikowia* sp. Strains.

University of Reading, United Kingdom.

- Fundamentals of human nutrition
- Nutrition in health and disease.
- Food chemistry
- Food analysis
- Food microbiology and food safety
- Food processing
- Sensory evaluation

2008 - 2010

BSc in Food Science and Technology– Title of dissertation: Use of Baobab fruit pulp as stabilizer in plain yoghurt.

Egerton University, Kenya.

2005 - 2007

Second class upper

Diploma in Dairy Technology

Egerton University, Kenya.

1999 - 2002

Kenya Certificate of Secondary Education(K.C.S.E)

Bishop Ndingi High School, Kenya.

1991 - 1998

Kenya Certificate of Secondary Education(K.C.P.E)

Kamuya Primary School, Kenya.

## PROFESSIONAL TRAINING

Microbial Food Quality and Safety-Analytical methods.

From 03/06/2019- 28/06/2019  
University of Copenhagen

### Topics covered

- Methods of mycotoxin analysis in foods
- Methods of detecting virus in food
- Methods to determine antimicrobial resistance and bacteriophage activities.
- Good laboratory practice, sampling errors and accreditation.
- Application of predictive microbiology
- Methods for detecting microbial pathogens in foods.
- Traditional and molecular methods for determining quantitatively microbial contents of foods
- Cultivation-based, DNA-based and other(e.g Maldi-TOF) methods for identification and typing of bacterial pathogens

## PERSONAL SKILLS

Mother tongue(s) English, Kiswahili, kikamba

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1/C2	C1/C2	C1/C2	C1/C2	C1/C2

Communication skills

- Good communication skills gained through training at Egerton University, through participation in workshops for scientific communication in the United Kingdom and through my experience as a teacher and Chairman of National Codex Committee on food import and export inspection and certification at Kenya Bureau of Standards.

Organisational / managerial skills

- leadership (currently responsible for a team of 8 people), in charge of a group of 10 workers at Guango Dairies Limited, was responsible for a team of 1000 youth in Machakos Catholic Diocese in 2003-2004 (Youth Leader) and was in charge of preps at secondary school (Preps prefect)
- Management – Head of a delegation from the ministry of health, during preparation of exhibits for presentation in Nairobi international trade fair in October 2016.

Job-related skills

- good command of quality control processes, problem solving and decision making (currently responsible for quality audit)

Computer skills

- good command of computer applications i.e Microsoft word, Excel, PowerPoint, outlook, publisher and Access.
- Experience on computer maintenance and trouble shooting.

Other skills

- Enjoy sports particularly football, volley ball and running.
- Love to travel and experience different cultures

Driving licence BCE

ADDITIONAL  
INFORMATION

Conferences	Representative of the ministry of health at Joint FAO/WHO coordinating committee for Africa, Food Standards programme 22nd <i>Session</i> , Nairobi, Kenya, 16-20 January 2017.
Honours and awards	Awarded commonwealth Scholarship for developing countries 2014/2015 to pursue master's course at the University of Reading , United Kingdom.
Memberships	<ul style="list-style-type: none"><li>▪ Technical Committee member: National Codex Committee on Food Hygiene at Kenya Bureau of standards.</li><li>▪ Technical committee member: Meat and meat products at Kenya Bureau of Standards.</li><li>▪ Technical Committee member : National codex committee Veterinary Drug Residues and Antimicrobial Resistance in Food.</li></ul>
Courses	<ul style="list-style-type: none"><li>▪ Completed an online course in grant proposal writing and research writing by Author AID(18/04/2017 to 12/6/2017)</li><li>▪ Trained on methods methods of analysis of Iron,Zinc and Vitamin A in fortified foods(May 2014).</li></ul>

### Contact Details of Referees

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