**CURRICULUM VITAE**

**MAUREEN MIJIDE KUBOKA**

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**CAREER OBJECTIVE:** To become a lead scientist in the area of Food Science and Nutrition in the next 10 years and contribute towards improved food security, health and nutrition with a key focus on mothers and children below three years of age.

**STRENGTHS AND SKILLS:** I am highly analytical, focused and have a keen eye to detail.I am also skilled at organization and coordination of teams. I function well in multi-disciplinary research teams yet also able to work independently with minimum supervision. I have skills in laboratory analysis of different food materials.

**WORK EXPERIENCE**

**1. April 2019 – to present, Content Developer, Farm Concern International**

* Developing of materials for training of farmers/processors in the area of food technology and safety.
* Developing proposals for project funding.
* Advising and monitoring of food security project activities in Malawi and Ethiopia.

**2. January – July, 2018, Graduate Fellow, International Livestock and Research Institute**

* Developed a proposal leading to my Masters dissertation on effectiveness of Novasil binder and fermentation in reduction of Aflatoxin M1 in milk.
* Coordinated field survey activities: designed questionnaires, prepared the relevant data collection equipment, coordinated the data collection team, organize for transport and finance facilitation.
* Managed laboratory activities including procurement, reception and monitoring of lab consumables.
* Coordinated activities throughout feeding-trial period at the ILRI research farmto test the effectiveness of Novasil as Aflatoxin binder.
* Carried out laboratory analysis of aflatoxins in milk, urine and feed samples during the feeding trial
* Conducted analysis of data generated from the laboratory analyses.
* Supported student interns under the My Dairy Project.

**3. June - August, 2015, Quality Control Personnel, Kapa Oil Refineries Limited.**

* Carried out microbial analysis of finished products and swab samples from personnel, machines and food contact surfaces for total viable counts, coliforms and yeast/ moulds to ensure Good Manufacturing Practices (GMPs) are effectively in place and that only safe and quality products reached the customer.
* Ensured conformity of products and processes to ISO 9001:2008 standards through monitoring of processes.

**4. May - July, 2014, Intern, Frigoken Kenya Limited.**

* Ensured conformity of products and processes to ISO standards through inspection of process materials, and monitoring process conditions.
* Recorded and verified data in production section for monitoring and evaluation of conformance to the set procedures, policies and standards of food safety and quality.
* Conducted microbial tests for finished products using total plate count and spread plate methods; as well as sensory analysis before release of products to the market.

**5. June - August, 2013, Quality Assurance Assistant, National Cereal and Produce Board.**

* Conducted inspection within the factory plant to ensure adherence to Good Hygiene Practices (GHPs)
* Conducted physical analysis of cereals for moisture content and damage, before being receipt and /or dispatch.
* Recorded data for future reference, verification and payment of the farmers.

**EDUCATION**

* Master of Science in Food Safety and Quality, University of Nairobi, (September 2016 to present).
* BSc. Food Science and Technology, University of Nairobi, (2011-2015).
* A-Level, Kapropita Girls High School, (2006-2009).

**ADDITIONAL SKILLS**

* Data collection and collation using Open Data Kit (ODK) Tool
* Data analysis using SPSS and Genstat
* MS Word, PowerPoint, Excel, Outlook
* Basic course in German Language (basic oral and writing skills).

**RESEARCH TOPICS**

* Prevalence of Aflatoxin M1 in informally marketed milk and effect of boiling, fermentation and aflatoxin binder on concentration of Aflatoxin M1 (published scientific paper).
* Prevalence of malnutrition among children between 6 months and 5 years and Food Hygiene Practices among Households in Msambweni, Kwale County, (May, 2017).
* Development of Nectar Beverage from Cactus Pear Fruit, (2015)

**CONFERENCES/ WORKSHOPS/SEMINARS ATTENDED**

* Seminar on Role of technology, policy advocacy and extension in addressing Food Security (December 2018)
* Training on Integration of Gender in Livestock Research (July,2018)
* Workshop on Aflatoxins in Food (May,2018)
* Conference on Feed the Future-Accelerated Value Chain Development Conference (April,2018).
* National Dairy Stakeholders’ Workshop: Mitigating aflatoxins in milk (March, 2018).
* World Congress for Food Science and Technology: Food Safety Symposium (January,2017).

**VOLUNTEER EXPERIENCES**

* Clean-up programmes in Soweto, Kayole, and Kibera slums, Nairobi.
* Tree-planting sessions at ILRI Campus Nairobi, University of Nairobi stations in Kabete, Kibwezi and Ngong, Kenya.

**REFEREES**

1. Dr. George Abong’

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2.Dr. Johanna Lindahl

Senior Scientist, International Livestock Research Institute,

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