

CURRICULUM VITAE



Mrs. Catherine Mueni Peter, MSc. (KU) - On-going, BSc. (UoN)

MSc. Agribusiness MNGT & Trade (Kenyatta University) – On-going, BSc. Microbiology and Biotechnology (University of Nairobi).

Department of Plant Science and Crop Protection,
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Languages: English, Kiswahili, Kamba and Basic Chinese

PERSONAL DETAILS

SEX	Female
MARITAL STATUS	Married
RELIGION	Christian
NATIONALITY	Kenyan

EXECUTIVE SUMMARY

I am a biologist, with specialty in Microbiology procedures, Biotechnology, laboratory safety, media preparation, pathogen testing, keeping laboratory inventory and calibration and maintenance of laboratory equipments, with interest in promoting Entrepreneurship in Agriculture towards Sustainable Food Safety, Nutrition and Security. My routine engagement being studying the plant anatomy, plant physiology, plant pathogens, media preparation and sterilization, mitotic and meiotic cell processes to monitor any plant mutations, weed science and seed rating and testing.

CAREER OBJECTIVE

To routinely, use my knowledge in impacting agricultural knowledge and importance of sustainable Agriculture on youth towards employment and job creation for Sustainable Food security.

SKILLS AND ATTRIBUTES

- Ability to achieve results through effective team management.
- Work effectively with associates of diverse backgrounds.
- Determined and willing to obtain an advantage in reaching goals.
- Effective communication skill.
- Proactive
- Optimist
- Curious about Evo-devo

PROFESSIONAL INTERESTS

Agricultural Entrepreneurship, Agricultural Marketing, Agri-products Postharvest losses, Agricultural Food Safety & Nutrition and Effects of Climate to Sustainable Agriculture

EDUCATIONAL BACKGROUND

September, 2017: Pursuing **Master of Science in Agribusiness Management and Trade** from Kenyatta University.

2012 - 2016: The University of Nairobi: BSc. Microbiology & Biotechnology - **Second Class Honors (UPPER DIVISION)**

2001 – 2003:

The Kenya Polytechnic: Diploma in Applied Biology

July – August 2004

Skill soft E-Learning center: International Computer Driving License

1997 – 2000

Muthetheni Girls High school: K.C.P.E = **C PLAIN**

1988 – 1996

Kyamatula Primary School: K.C.P.E = **442 MARKS**

SELECTED SHORT COURSES AND TRAINING ATTENDED:

2019 – Training on: **‘Business Research Methodology and Data Analysis’** ITEC Sponsored Capacity Building Program in the Entrepreneurship Development Institute of India, Gandhinagar, India from 7th January – 2nd March 2019

2019 – Training on **‘Youth Volunteering to gaining Experience’** organized by Global Youth Forum 16th March 2019

2018 – Training on: **‘Entrepreneurship in Agriculture for Self Reliance among Youth’**, organized by NUASA – CAVS, Faculty of Agriculture on 5th December, 2018

2011 – Training on: **‘Biochemical Techniques in Biochemistry and Molecular Biology’** organized by Department of Biochemistry, Chiromo Campus, University of Nairobi from 15th – 26th August 2011.

2009 – Training on: **‘Customer Service-Know your customer’**, conducted by Lincoln Consulting Limited in CAVS, University of Nairobi.

EMPLOYMENT / WORK EXPERIENCE

2018 –to present: Senior Laboratory Technologist

- Offering practical classes on Agricultural Botany, Crop Physiology, Principles of Genetics, Biotechnology, Principles of Crop Production, Weed Science and Agro-meteorology
- Procurement of laboratory reagents and apparatus
- Reagents preparation
- Safe handling of reference materials in the laboratory
- Procurement of KEBS certificates for the calibrated equipments and apparatus
- Calibration of weighing balances and Thermometers.
- Keeping Laboratory inventory and preparing practical schedules per semester
- Writing minutes and reports for the department

- Preparing Academic field trips for students within the department
- Clearing students after course completion
- Annual appraisal of technical staff
- Organization of Agronomy and Botany laboratories for scientific visits and learning

Major course units taught/with practical experience include:

- Agricultural Botany and Crop Physiology
- Principles of Genetics (Mitosis and Meiosis)
- Biotechnology
- Principles of Crop Production
- Agro-meteorology
- Weed science

2017 – to Present: College Web Champion (Depart. Plant Science and Crop Protection)

Main duties include;

- Covering events and uploading them on departmental website
- Preparing website articles and uploading on department website
- Creating and updating news on the departmental website
- Uploading students projects on the website
- Creating departmental blogs for more interaction with the public

2012 - 2014: Acting Technologist in Charge Biometry Laboratory

- Analyzed data for Masters' and undergraduate students using SPSS
- Analyzed students' annual attendance record.
- Analyzed course evaluation for lecturers teaching capacities

2010 – 2018: Laboratory Technologist (Botany laboratory, Depart. PS&CP)

Main duties include;

- Collecting, preserving, mounting and identification of different types of weeds

- Assist in preparation and handling of practical sessions
- Keeping inventory of laboratory practical manuals
- Assist students in their research projects to collect and analyze data
- Involved in tree planting activities organized by college, together with partners and collaborators.

2008: KALRO – Biotechnology Laboratory

Main duties include;

- Media preparation for Plant tissue culture.
- Preparation of cell culture media (Animal laboratory).
- Plants and Insect Bioassay (plant vs. insects)
- ELISA Techniques.
- DNA extraction
- Application of molecular markers.

2005 – 2006: Value Pak Food Limited.

Main duties include;

- Office receptionist as customer care agent
- Handling customer calls and keeping office inventory

2004 – 2005: Vegpro (K) LTD

- Selection and grading of fresh produce (French beans & Runner beans) for export.
- Packaging and dispatch of fresh produce.

2002: Central Veterinary Laboratory – Kabete.

Main duties include;

- Livestock testing and diagnosis in Bacteriology laboratory.
- Disease diagnosing and pathogen identification in Pathology laboratories
- Isolation of helminthes affecting livestock in Helminthology laboratory

REFEREES

1. Prof. George Cheminingw'a,

Associate Professor of Agronomy and Dean, Faculty of Agriculture,

University of Nairobi,

P.O Box 29053-00625, Nairobi.

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2. Prof. Cecilia Onyango

Associate Professor of Horticulture

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3. Dr. Acent Mutua

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