



Dr. WACHUKA GATHIGIA NJOROGE (Mrs.) Curriculum Vitae (CV)

February 2020

Personal information

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Nationality: Kenyan
Marital Status: Widow with three children
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Personal mission statement

To have the attitude of gratitude, pray, work with integrity and be a blessing to myself and others

Statements I aspire to live by

“Call to me and I will answer you and show you great and mighty things which you do not know”

Jeremiah 33:3

“No person place or thing is my supply. The divine nature is my supply”

John Randolph Price

Career objectives

To be actively involved in students social and personal development

To contribute to community development starting with my family, relatives and the geographical community

Biographic summary

I am a lecturer at Kenyatta University, Department of Medical Laboratory Science. I earned my Doctorate degree from Kenyatta University in 2014 specializing in Laboratory Management. I have a Masters degree in Applied Immunology from Brunel University of West London and an HND in Medical Laboratory Science, Clinical Chemistry from Bristol Polytechnic, England.

I have vast teaching and training experience having started to train Laboratory workers at the Kenya Polytechnic in 1983. I have taught in several departments at the Kenyatta University namely, Biochemistry, Nutrition and Dietetics, Nursing, Department of Gender and Development studies and the Medical Laboratory Science Department. I currently teach Laboratory Management, Clinical Chemistry, Bioethics, Basic Biochemistry, First Aid and Epidemiology.

My research interests include Laboratory Management, Clinical Chemistry, First Aid and Bioethics.

Work experience

February 2015	Appointed as Warden, non-resident (female) students
January 2015:	Appointed Lecturer, Medical Laboratory Science Department, Kenyatta University
December 2014	Graduated Ph.D. School of Medicine Thesis "Assessment of the Quality of Medical Diagnostic Laboratory Service Provision in Kenya"
2008 – 2014:	Assistant Lecturer, Medical Laboratory Science Department. Kenyatta University
26 th March 1992 – 2008:	Assistant Lecturer, Biochemistry and Biotechnology Department. Kenyatta University
Areas of Specialization:	Clinical Chemistry, Immunology, Laboratory Management

I have vast teaching experience and have taught various units in the Department of Medical Laboratory Science, the Biochemistry and Biotechnology Department, Department of Nutrition and Dietetics, Department of Gender and Development Studies and Department of Nursing:

Units I am teaching and have taught in the Medical Laboratory Science department include: Clinical Chemistry, Laboratory Management Ethics and Law, Bioethics, Community health, Epidemiology, Pharmacognosy, and Immunology for undergraduate students

Epidemiology in the Masters program.

I taught a university common unit, HIV/AIDS and Drug abuse for the Department of Gender and development studies.

Units taught in the Biochemistry and Biotechnology department include: Basic Biochemistry, Endocrinology, Basic Metabolism, Ecological Biochemistry, the Cell and its External Environment, Biomembranes and Sub-cellular Organelles.

2014: taught in the Nursing department the unit: Sexually transmitted diseases and HIV/AIDS

1996-1999: taught Food biochemistry in the Department of Nutrition and Dietetics

Responsibilities in the Medical Laboratory Department include:

Academic Advisor first Year MLS Students

Student Mentor in the Mentoring program

In charge of the staff welfare committee

I have been the Departmental Teaching Timetabler during the periods

1992- 1997 and from 2005 to 2011

Departmental representative to the community outreach programme (COEP)

1991 –1992: Employed by Teachers Service Commission.

Kenya Polytechnic, Nairobi.

2002 Involved in writing the current K.I.E. /KMLTB Syllabus in Immunology and Virology

1986 – to 2009: Examiner in charge, Clinical Chemistry, Technical Section, Kenya National Examinations Council (KNEC)

1988: Harefield Hospital, London 3 months internship, Immunology Laboratory, (Under a work/study program). Was involved in: Tissue typing for transplantation
Analysis of drug levels in blood

1987-1992: Course Tutor, Ordinary Diploma, Medical Laboratory Sciences.

- Taught Clinical Chemistry, Biochemistry, Immunology and Entrepreneurship
Re-wrote the ordinary Diploma Clinical Chemistry Syllabus and Practical Schedules for Kenya Institute of Education (K.I.E.)

1986-1987: Lecturer, Chemical Pathology.

- Taught Chemical Pathology at Higher and Ordinary Diploma levels.

1984 –1995: Assistant Lecturer, Chemical Pathology.

- Taught Clinical Chemistry at Higher and Ordinary Diploma levels.
Taught Biochemistry at Higher Diploma level.

1983 Employed by Teachers Service Commission as a Graduate Teacher.

Post Kenya Polytechnic Nairobi. Applied Sciences Department

- Taught Clinical Chemistry at Higher and Ordinary Diploma level.
Taught Biology and Chemistry at Junior Technician level.

1980 –1982 Laboratory worker Mater Misericordiae Hospital

Publications

Book: The Mugikuyu woman, Neno publishers and book sellers (ISBN 978-9966-804-71-6).

KNL/LIB/1376/Vol. 1

23/01/2019

Mageto, VM; Mathenge, SM; Njorge, W; *Uropathogens antibiotics resistance patterns among type 2 diabetic patients in Kisii Teaching and Referral Hospital, Kenya* Pan African Medical Journal 2018;30:286

Peris Murugi Mureithi, Dr. Syprine Otieno, Dr.Wachuka Njoroge; *Relationship between sources of reproductive information and prevalence of risky sexual behaviour among secondary school adolescents in Thika West Sub-County, Kiambu County*, May 2019

Njenga, KJ; Kahato, MN; Magutu, V; Njoroge, W; *Evaluation of Anemia Among Defered Prespective Blood Donors at Kenyatta National Hospital, Kenya* JMSCR Volume 7 issue 1 January 2019

Scholastica Gatwiri Mathenge, Wachuka Gathigia Njoroge, Onesmus Muia Mutuku ; *Assessment of selected antibiotics in untreated wastewater and vegetables in urban and peri-urban farms in eastern Nairobi city, Kenya*, July 2018

Mathenge, SG; Njoroge, WG; Mutuku, OM; *Assesment of Selected Heavy Metals in Soil and Untreated Waste Water Used For Irrigation in Urban and Peri-Urban Farms in Eastern Nairobi City County, Kenya* JMSCR Volimme 6 issue 8 August 2018

Njoroge, W; *Assesment of Laboratory Practitioners Competency in Kenya* JMSCR Volume 6 issue 8 August 2018

Dr.Wachuka Njoroge; *Assessment of the Quality of Medical Laboratory Service Provision in Kenya*, October 2014

Poster Display

Mageto, VM; Mathenge, SG; Njoroge, W; *Urinary Tract Infections and Antibiotics Sensitivity among Non-insulin Dependant Diabetes Mellitus Patients* ASLM 2018 Abuja, Nigeria

Student supervision:

Supervised the following Graduated MSc students:

Ephantus K. Muturi (P150/CE/28083/2013): Asymptomatic bacteria among pregnant women attending antenatal clinic of Gatundu level five hospital, Kiambu county.

Mageto Vincent Mogaka (P150/CE/25571/2014: Urinary tract infections and antimicrobial sensitivity among non-insulin dependent diabetes mellitus patients visiting Kisii Teaching and Referral Hospital in Kenya.
Grant awarded by National Research Fund 2016 call.

Njenga John K. (HSB 331-3261/2016) Evaluation of Anemia Among Deferred Prospective Blood Donors and Kenyatta National Hospital Kenya

Supervising student with corrections cleared awaiting graduation:

Peris Murugi Mureithi (Q139/CTY/PT/ 27377/2014): Relationship between age appropriate reproductive information and prevalence to risky sexual behavior among secondary school adolescents in Thika West Kiambu Kenya. Presented proposal to department, still at the development stage.

Supervising student submitted thesis awaiting defence:

Mwangi, J. Kibuchi: A study on exploring connections between *Klebsiella pneumoniae* and hospital associated infections in AIC Kijabe hospital, Kiambu county. Collecting data

Supervising the following registered PhD candidates:

Njenga John Kariuki: The effects of storage time on biochemical and hematological parameters of blood collected by National blood Transfusion Service, Kenya

Onesmus Mutuku: Validation of Manual liquid based cytology and detection of high risk human papilloma virus in residual samples from HIV positive women

Seminars and Conferences

December 3-5 2018 International academic conference University of Freiburg conference: Oral presentation: Sustainable Solutions For Drug Abuse in Universities in Kenya, Considering Laws and Policies

Authors: Dr. Wachuka Gathigia Njoroge, Melissa Wanjiku Muindi and Dr. Stephen Gachie Njoroge

July 20 2018 The First Kiriri Women's University of Science and Technology Research Conference: Constraints Implementing Drug Abuse Laws and Policies in Universities in Kenya

Authors: Melissa Wanjiku Muindi and Dr. Wachuka Gathigia Njoroge

July 7-9 2017 Biennial Infectious Disease Conference (BID Con) 2017: Oral presentation: Urinary tract infections and antimicrobial sensitivity among non-insulin dependent diabetes mellitus patients

Authors: Vincent Mageto, Dr. Scholastica Mathenge, Dr. Wachuka Gathigia Njoroge

29th September – 2nd October, 2015 1st Global Conference on Patient Centered Care Patient Centered Care: Training and Delivery of Universal Healthcare

Presented three papers:

Medical laboratory service provision: What do Kenyan patients want?

Assessment of the laboratory design specifications that address the health care needs of patients

Assessment of laboratory practitioner's competence enabling them provide patient-centered care.

March 2014 Facilitator in HIV Consolidation Workshop KU/UON

May 2013 Teaching Methodology workshop: Centre of Teaching Excellence and Evaluation

May 2009: The digestive diseases week workshop McCormick Place Illinois, USA

11th April 2008 Workshop on Guidelines for Training of Medical Laboratory Technicians/Technologists/Scientists in Kenya

10th - 12th April 2007 Kenya Institute of Education Conference on Integration of HIV/AIDS Sexual and Reproductive Health in Africa
Paper: “ HIV/AIDS education at Kenyatta University- what do students want”
Poster: HIV/AIDS in Kenyatta University

March 2006 Senior Examiners Workshop, Railway Training Institute, Nairobi
2002 Part of the technical team of experts involved in writing the current K.I.E. /KMLTB Syllabus in Immunology and Virology

1986 –1989: Teacher Education Programme:
Pedagogical workshops, Kenya Polytechnic
1974 –1975: St. John’s Ambulance Brigade First Aid course

Education

Jan 2020- date	Amani Counselling Centre and training institute Diploma in Psychological counselling
Sept 2019	Amani Counselling Centre and training institute Basic counseling course
December 2014	Graduated Ph.D. Thesis “Assessment of the Quality of Medical Diagnostic Laboratory Service Provision in Kenya”
October 1988:	Brunel University of West London Master of Science, Applied Immunology
July 1983:	Bristol Polytechnic, England Higher Diploma, Medical Laboratory Sciences, Clinical Chemistry
December 1979:	Tumu Tumu Girls High School - EAACE
1972 –1975:	Kenya High School - EACE
1964 – 1971:	Nairobi Primary School – CPE

Professional Body

Certificate of Registration, 10425: The Kenya Medical Laboratory Technicians and Technologists Board

Hobbies and interests

Community Service: Member of Mathira Scholars Forum; Adopted Tumu Tumu Primary School

My husband, children and myself(our family members) were among the first Non- Internally Displaced Persons (IDPs) Kenyan at the Jamuhuri Showground in a care giving capacity. We started a feeding program kitchen to cook for the IDPs and organized temporary shelter at Jamuhui park. When the Red Cross came to supply food we worked together with The Hare Krishna, African Evangelistic Enterprises,(and other faith based organizations), and the Red Cross (and other donor agencies), to feed the IDPs until the camp was closed. We then were actively involved in the process of resettling the IDPs. I was referred to as “Mama Jamuhuri” by the Kibera residents. We were involved in business start-ups for many IDPs. Our family is still actively involved in charity work involving community development in Kibera slums and Ngando in Dagoretti.

2010: acted as Pepi in a production “ When It Rains” Directed by George Muigai

2006: acted as Mrs. Quickly (one of the lead actors) in Shakespeare’s Merry Wives of Windsor at the Phoenix Players, Professional Center, Nairobi Directed By Ian Mbugua

2000 Trained as a Christian Lay Counselor at the Nairobi Chapel

I am a Mizizi- plug in facilitator at the Nairobi Chapel