

## Curriculum Vitae

### Personal information

Surname / First names **MUTUA, David Nzioka**  
Address P.O Box 17823-00100, Nairobi, Kenya  
Mobile 0720 261 585  
E-mail mutua.david@ku.ac.ke  
Gender Male

### Work experience

Date	September 2011- to date
Position held	Part-time Lecturer
Main activities and responsibilities	Teaching and evaluation of students in class and laboratory sessions of: Proteins and enzymes: First year Biochemistry students Basic metabolism I: First year Biochemistry students Biochemical pharmacology I & II: Biochemistry & Biotechnology students Forensic Techniques IV: Fourth year Forensic science students Bio-membranes and Subcellular organelles: Second year Molecular and Cell biology students Concepts in Biotechnology: Third year Analytical chemistry students Forensic pharmacology: Third-year forensic science students Biotechnology and Health: Fourth-year Community Resource Management students Histopathology and cytology 1: Third-year forensic science students Biochemical genetics
Name of employer	Kenyatta University
Dates	July 2010 – September 2011
Occupation or position held	Assistant Research Officer
Main activities and responsibilities	Isolation and characterization of microorganisms, substrate utilization studies, formulation of microbial consortia, bio-prospecting for alternative medicine (phytochemistry analysis, assessment of histological, haematological and biochemical parameters in management and treatment of anaemia and diabetes mellitus)
Name and address of employer	Kenyatta University
Type of sector	Academic Institution

Dates	Jan 2007 - July 2010
Occupation or position held	Assistant Research Officer
Main activities and responsibilities	Development and evaluation of sequencing batch reactor (SBR) for treatment of high strength wastewater (Performance evaluation of microorganisms, formulation of a microbial consortia, bioaugmentation of a SBR with efficient microorganisms)
Name and address of employer	Swedish International Development Cooperation Agency (SIDA)/Department of Research Cooperation (SAREC) under the East African Regional Programme and Research Network for Biotechnology, Biosafety and Biotechnology Policy Development (BIO-EARN)
Type of sector	Research Organization
<b>Education and training</b>	
Dates	2005-2011
Title of qualification awarded	Master of Science in Medical Biochemistry
Principal subjects/occupational skills covered	Molecular Basis of Health, Biochemical Pathology, Biochemistry of Protozoans, Biochemistry of Helminthes, Biochemistry of Antimicrobial Action, Genetic & Developmental Aspects of Disease, Molecular Aspects of Disease, Microbial Biotechnology, Advanced Laboratory Methods, Laboratory Data Management, Biostatistics & Research Methodology.
Name and type of organisation providing education and training	Kenyatta University
Dates	2001 – 2005
Title of qualification awarded	Bachelor of Science in Biochemistry (Second Class, Upper division)
Principal subjects/occupational skills covered	Structure of Biomolecules, Introduction to genetics, Proteins & Enzymes, Basic Metabolism, Fundamentals of Inorganic Chemistry, Organic Chemistry, Laboratory Techniques, Advanced cellular and Molecular Biology, Analytical Biochemistry, Introduction to Immunology, Biochemistry of Microorganisms, Biochemistry of Plant Carbohydrates, Biochemical Endocrinology, Medical Biochemistry, Biochemistry of Special Organs, Biochemical Pharmacology, Applied Microbial Biochemistry, Biochemistry of Tumours, Vitamin Biochemistry, Food Biochemistry, Mechanism of Immunology and Computer Application in Biosciences.
Name and type of organisation providing education and training	Kenyatta University
<b>Personal skills and competences</b>	
Social skills and competences	Team spirit, obtained through collaborative participation in interdepartmental teaching and research  Ability to adapt to multicultural environments, gained through graduate research study completed in Makerere University, Uganda, and various international conferences attended
Organisational skills and competences	Project and team management skills; experience gained in research projects financed by SIDA/SAREC under the BIOEARN, and AICAD programmes
Computer skills and competences	Excellent command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™)
Page 2/3 - Curriculum vitae of Mutua David Nzioka	16 <sup>th</sup> March, 2015

## References

Eliud Nyaga Mwaniki Njagi,  
Professor of Biochemistry and Biotechnology,  
Kenyatta University, P.O Box 43844-00100,  
Nairobi, Kenya;  
Tel: +254-020-8710901/8711278 ext 57456  
Fax: +254-020-8711759  
E-mail: njageliudku@gmail.com  
Mobile: +254 711279171;  
+254 715490915

Dr. George O. Orinda  
Department of Biochemistry and Biotechnology,  
Kenyatta University, PO Box 43844,  
Nairobi, Kenya  
Tel: +254-020-870901-19  
E-mail: rudevsol@yahoo.com  
Fax: +254-020-8711759  
Mobile: +254 722433529

Dr. Steven Runo  
Department of Biochemistry and Biotechnology,  
Kenyatta University, PO Box 43844-00100,  
Nairobi, Kenya  
Tel: +254-020-8710901/8711278 ext 57456  
E-mail: smruno@gmail.com  
Fax: +254-020-8711759  
Mobile: +254-727-346-496