

CURRICULUM VITAE



Personal Information

Name: **Peter Gachaga Mwangi**
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Marital status: Married
Nationality: Kenyan
I.D NO 10880937
Year of Birth: 1st Sept, 1969
Religion Christian

Education Background

2019-to Date	UNIVERSITY of NAIROBI (PhD) Statistics
2003-2005	KENYATTA UNIVERSITY (Msc) Statistics
1991-1994	EGERTON UNIVERSITY (Bed Sci)
1986-1989	LESHAU SEC SCHOOL (KCSE)
1978-1985	OL BOLOSSAT PRY SCHOOL (KCPE)

Career Objective

Seeking an environment where my skills and experience can be shared and be enriched.

To work with the under-privileged in society in the field of Education while striving to attain the highest level of professionalism. To contribute positively to the growth and development of the organization through dedicated service, partnership with all stakeholders and by building my own capacity through work experience and further training.

PhD/MSC RESEARCH WORK

Master of science Research work

“Variance Function Estimation”

PhD research

“Currently writing my PhD research thesis in Statistics after successfully defending my research proposal.

1. “Wavelet Methods In Statistics For Curve Estimation; Some Recent Development and Their Application”

2. Proximate Determinants of Fertility Transition in Kenya and how They Can Be Used In Fertility Estimation (Modelling of factors affecting fertility decline using the Bongaarts proximate determinants)

Units covered in Masters level

Theory of estimation, Design and Analysis of Experiments1&2. Multivariate analysis 1&2, Stochastic Processes, Hypothesis testing, Sample surveys, Demographic techniques, Contingency table analysis, Survival analysis, Time series analysis, Statistical Genetics. Probability theory

Units covered in undergraduate level

Calculus 1&2, Basic Mathematics, Vectors and Mechanics, Linear algebra 1&2, Vector analysis, Mechanics, Probability and Statistics1&2, **Pascal (Computing 1&2)**, Real analysis 1&2, Ordinary Differential Equations 1&2, Complex analysis 1, Numerical analysis 1, Sampling methods 1 & 2, Quality control Methods, Theory of Estimation, Hypothesis testing, **Cobol Programming**, Topology, Measure theory, Partial differential equation 1, Time series analysis, Design and Analysis of experiments1&2.

Summary of Qualifications

Master of Science (**Statistics**)
Bachelor of Education Science (Mathematics).

Professional Body membership

Am a registered member of Kenya National Statistics Society (KNSS),

Personal Assessment

Hard working, Self-motivated, Dynamic, Self-disciplined, Takes responsibilities with seriousness.

Teamwork and Leadership skills:

I have excellent interpersonal skills and ability to establish and maintain effective working relations in multicultural, multiethnic environment. I am able to work with colleagues to achieve organizational goals and to place team agenda before my personal agenda. I have served as a leader in different capacities

Computer Work

Proficient in use of computer applications such as Microsoft office, Internet Programming Languages such as **Visual Basic, and C++, Statistic Packages (SPSS, S-PLUS, STATA, R ETC)**

Salary

Negotiable

References

- 1. Professor Sylvia Opiyo
Dean Of School of Pure Applied and Healthy Sciences

Muranga University of Technology

2. Dr John Mutuguta

Chairman of department

Mathematics and Actuarial science

Muranga University of Technology