CURRICULUM VITAE

Stephen Muteti Mbunzi
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PERSONAL PROFILE

A statistician with the required research and data analysis skills including reporting of statistical analysis, contributing to and reviewing research publications together with monitoring and evaluation of any project/ institution work.
A well trained, professional and lecturer.

Key Skills

Able to accurately analyze data statistically, audit and validate reports. Capable of planning field activities, share and harmonize the same at regular meetings, hence a team player. Able to provide advice on research projects, supervise and set up surveys.

Objectives

To work/ teach in any institution as a Statistician, Lecturer or Researcher and enable it achieve its goals.

EXPERIENCE

CURRENTLY

Lecturer
University of Embu: March, 2013 to date.
Director, Timetabling University of Embu

Duties and Responsibilities
- Overseeing Preparation of University's Teaching & Exam Timetable
- Teaching Statistics
- Research work
- Setting and moderation of exams.
- Supervising students in writing their research papers.
- Offering career guidance to students.
- Supervising and marking students' examination.

Jun 2007 – Sept 2007: International Livestock Research Institute (ILRI)
Graduate Fellow**: Duties and Responsibilities**
- Carrying out Mixed Model Analysis for the Estimation of components of Genetic Variation in lamb weaning weight using R statistical package.
- Writing an R user guide for Research Methods Group in ILRI.

Aug 2006 – May 2007: <u>INADES – Formation International – Machakos</u>
Monitoring and Evaluation Officer:

Sept. 1996 – Oct 2005: <u>Kitangani Sec. School</u>
HOD Mathematics/ Chemistry KNEC Examiner

DATA ANALYSIS STRENGTHS

Able to analyze data using **SPSS**, **R** , ArchGIS and **WinBUGS**.

EDUCATION QUALIFICATION

PhD in Science (Biostatistics),
Jomo Kenyatta University of Agriculture and Technology   **2013 - Present**
<u>Research Area</u>
Modeling Jigger Infestation using Image Analysis.

Master of Science in Statistics, University of Nairobi.   **Sept 2005-Aug. 2007**
<u>Research Area</u>
Review of Methods of Estimating Parameters in
Nonlinear Mixed Effects (NLME) Models.

Bachelor of Education, Math and Chem., Egerton University   **Feb 1992 - Dec 1996**
Second class Honors Upper Division

PUBLICATIONS

1. Effects of irrigated and rain fed conditions on infestation levels of thrips (Thysanoptera: Thripidae) infesting Dolichos lablab (L.) in Eastern Kenya
2. Mixed Model Analysis Using **R**
3. Review of Methods of Estimating Parameters in Nonlinear Mixed Effects (NLME) Models
4. Severity of Infestation Levels of Tunga Penetrans in Central Kenya. A Bayesian Cumulative Logit Model.

REFEREES

Prof. Thomas Achia,
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