DEPARTMENT OF MATHEMATICS

Name of Faculty/Staff: Mr. Michael Oduor Otieno

Designation/Rank: Assistant Lecturer

Laikipia University: School of Science and Applied Technology

Email: motieno@laikipia.ac.ke

Educational Background:

PhD (Biostatistics), Moi University, Kenya (2017 to date)

Masters of Science in Statistics, Egerton University, Kenya (2014)

Bachelors in Education Science (First Class Honors) Egerton University, Kenya (2005)

Brief Auto-biography of the Faculty/Staff

A qualified Lecturer and Researcher with high level of analytical capacity and organizational skills. Excellent interpersonal, writing and oral presentation skills. Excellent ability to plan, organize work, supervise and keen on innovation. Excellent computer skills in word processing, spread sheet and data processing and presentation applications. (MS-word, Excel, Access, PowerPoint, SPSS, SAS, R, TSMod, MATLAB and STATA).

Selected publications

1. Akuno, A., Otieno, M.O., Mwangi, C.W. and Bichanga, L.A. (2015). *Statistical Models for Forecasting Tourists' Arrival in Kenya.* Open Journal of Statistics, **5, 60 – 65.**

2. Otieno, M.O., Mwangi, J.W. and Islam, A.S. (2012). *Forecasting Performance of ARMA and ARFIMA Models in Short Time Series: An Analysis of Kenyan Political Opinion Poll Data.* International Journal of Applied Science and Technology. **Vol., 2, No. 9, 111 - 123**

Research Interest

Time Series Analysis (Linear and Non-Linear), Mathematical Statistics, Biostatistics, Statistical Analysis and Statistical Computing.