TEXAS STATE VITA

I. Academic/Professional Background

Name: Laura Miriam Amwata

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Address:1250, Sadler Drive

Educational Background

Degree	Year	University	Major	Thesis/Dissertation
PhD	2024	Texas State University	Mathematics Education	In progress
MSC	2015	University of Nairobi	Applied Mathematics	Mathematical modeling of HIV-Malaria co-infection dynamics in Kenya.
Bachelors	2012	Kenyatta University	Bachelor of Education (Mathematics &Business Studies)	Upper Division

University Experience

Position	University	Dates
Doctoral Teaching Assistant	Texas State University	August 2024-Date
Adjunct Instructor	Rongo University College	September 2015-April 2016

D. Relevant Professional Experience

Position	Entity	Dates
High School Math and Business studies Teacher	Dr. Aloo Gumbi High School, Kenya	2017-2024
Consultant Tutor	CIAR Africa	2014

II. TEACHING

Texas State University-August 2024 to Present
Courses Taught: -Elementary Algebra.
-College Statistics &Algebra.

-Pre-calculus lab

Rongo University College-
Courses taught: -Special Method in Mathematics
-Linear Algebra 1

G. Teaching Professional Development Activities Attended

Organizer	Theme	Dates
Center for Mathematics, Science and Technology Education in Africa (CEMASTEA)	Inquiry-based learning in High School Mathematics	April 2018
CEMASTEA	Integrating ICT in Kenyan Mathematics Classrooms	April 2019
Ministry of Education/Teachers Service Commission	High School Teachers' Preparation for Competence-Based Curriculum Implementation	April 2023

III. SCHOLARLY/CREATIVE

A. Works Not in Print:

1. Papers Presented at Professional Meetings:

Amwata, L.,2015 Mathematical modelling of HIV-Malaria Co-infection Dynamics in Kenya *(Master's thesis presented at CIMPA conference in 2015)*

B. Consultancies:

Consultant Tutor, CIAR Africa (May -June 2014)

IV. SERVICE

A. Institutional

1. Department/School:
Subject Head Mathematics, Dr. Aloo Gumbi High School. (2018-2023)

B. Community:
Mentor; successfully offered mathematics tuition to high school students during the school holiday (2020-2024)

C. Service Honors and Awards:
Teaching Excellence Award Mathematics Department-Dr. Aloo Gumbi High School. (2023)