TEXAS STATE VITA

I. Academic/Professional Background

A. Name:	Bright Yeboah	**Title:**	Mathematics Educator / Graduate Teaching Assistant

B. Educational Background

Degree	Year	University	Major	Thesis/Dissertation
M.A.	2025	University of Texas at El Paso	Teaching Mathematics	Research: Understanding Student-AI interaction in mathematics problem solving
B.Ed.	2018	Valley View University, Ghana	Mathematics	Research: Integrating Technology in Teaching and Learning Mathematics in Senior High Schools
Diploma	2013	Dambai College of Education (University of Cape Coast), Ghana	Basic Education	N/A

C. University Experience

- Graduate Teaching Assistant, Department of Mathematical Sciences, University of Texas at El Paso, January 2024 - December 2025.
- Supported undergraduate mathematics instruction by assisting with lectures, grading coursework, providing feedback, and offering academic support to students.
- Students tutored through the Mathematics Resource Center, Miner Math Jump Start workshop, and individualized undergraduate tutoring assignments.
- Applied mathematics education research strategies to classroom practice and student support.

D. Relevant Professional Experience

- Mathematics Teacher, Namong Senior High Technical School, Ghana, November 2018 - November 2023.
- Prepared approximately 200 students annually for the West Africa Senior School Certificate Examination under the Ghana Education Service curriculum.
- Used differentiated instruction, classroom management, feedback, parent communication, and extracurricular activities such as Math Club to support student learning.
- Mathematics Teacher, Kokodei D/A Junior High School, Ghana, 2014 - 2018.
- Delivered mathematics instruction, prepared students for the Basic Education Certificate Examination, monitored progress, and supported struggling learners.

E. Other Professional Credentials (licensure, certification, etc.)

- Certified Mathematics Teacher, National Teaching Council, Ghana, 2013 - present.
- Qualified Teacher Status, Department for Education, United Kingdom, 2023.

- Praxis Mathematics (5165), score: 167.

II. TEACHING

A. Teaching Honors and Awards

- Departmental Award for Academic and Research Excellence, MATM, University of Texas at El Paso, Fall 2025.
- Best Graduating Student, Dambai College of Education (University of Cape Coast), 2013.

B. Courses Taught

- Undergraduate mathematics support courses and tutoring sessions at the University of Texas at El Paso.
- Senior High School Mathematics under the Ghana Education Service curriculum.
- Junior High School Mathematics with emphasis on foundational concepts.
- National examination preparation for WASSCE and BECE mathematics.

C. Directed Student Learning (i.e. theses, dissertations, exit committees, etc.)

- Provided individualized mathematics tutoring for undergraduate students as assigned by supervisor.
- Tutored students at the Mathematics Resource Center and Miner Math Jump Start workshop.
- Mentored secondary students through Math Club and examination-preparation activities.

D. Courses Prepared and Curriculum Development

- Prepared lesson plans and instructional materials for junior high and senior high mathematics.
- Designed differentiated learning activities to support students across varied ability levels and learning modalities.
- Integrated classroom technology and AI-informed strategies to improve learning outcomes.
- Developed examination-preparation materials aligned with Ghana Education Service curriculum expectations.

E. Teaching Grants and Contracts

1. Funded External Teaching Grants and Contracts

None to date.

2. Submitted, but not Funded, External Teaching Grants and Contracts

None to date.

3. Funded Internal Teaching Grants and Contracts

None to date.

4. Submitted, but not Funded, Internal Teaching Grants and Contracts

None to date.

F. Other

- Organized Math Club activities to nurture students' interest in mathematics beyond the regular curriculum.
- Served as Secretary to the Mathematics Department at Namong Senior High Technical School in 2022.
- Led a 30-member men's sports team and supported school extracurricular activities.

G. Teaching Professional Development Activities Attended

- Workshop for Tutors at UTEP, 2025.
- Teachers-Teaching-Teachers Workshop, 2025.
- PLC Session on Professional Learning Community Handbook 1, National Teachers Standards, 2024.
- Professional Learning Community (PLC), 2023; NTC Workshop for Professional Development, 2023.

- Cybersecurity Training for Teachers, 2022; Professional Development for Teachers, GALOP, 2022; Teaching in Digital Age, 2022; Secondary Education Improvement Project, 2021.

III. SCHOLARLY/CREATIVE

1. Papers Presented at Professional Meetings

- Yeboah, B., & Lim, K. (2026). Understanding student-AI interactions in mathematical problem solving. Paper presented at the American Educational Research Association (AERA) Annual Meeting, Los Angeles, CA.

2. Invited Talks, Lectures, and Presentations

AERA Conference 2026

2026 NMMATYC Conference

3. Workshops

- Workshop University of Texas at El Paso Tutors
- Teachers –Teaching-Teachers Workshop –2025
- NTC Workshop for Teachers 2023
- Cybersecurity Training for Teachers 2022
- Teachng in Digital Age 2022
- Secondary Education Improvement Project (SEIP) workshop-2021

5. Other Works not in Print

a. Works "submitted" or "under review"

- Acquah, A., Okyere, E. Y., Akushia, A. E., Yeboah, B., Korsah, E., & Tillman, D. (2026). Exploring epistemic practices among diverse high school students in addressing global challenges through technology-driven projects. Submitted.

D. Scholarly / Creative Fellowships, Awards, Honors

Departmental Award for Academic and Research Excellence, MATM , University of Texas at El Paso, Fall 2025.

E. Scholarly / Creative Professional Development Activities Attended

- Teachers-Teaching-Teachers Workshop, 2025.
- Workshop for Tutors at UTEP, 2025.

F. Media Recognition

None to date.

IV. SERVICE

A. Institutional

1. University

- Graduate Teaching Assistant, University of Texas at El Paso, supporting undergraduate mathematics instruction and student learning.
- Tutor, Mathematics Resource Center and Miner Math Jump Start workshop.

2. Department/School

- Secretary, Mathematics Department, Namong Senior High Technical School, 2022.
- Led a 30-member men's sports team and supported school extracurricular activities.

B. Professional

- Certified Mathematics Teacher, National Teaching Council, Ghana.

- Qualified Teacher Status, Department for Education, United Kingdom.

C. Community

- Presiding Officer, Electoral Commission of Ghana, 2016 General Elections.
- Numeration Officer, Ghana Statistical Service, 2022 Population Census.
- District Secretary, Church of Pentecost USA Inc., El Paso District.

D. Organization Memberships

None to date.

E. Service Honors and Awards

- Best Graduating Student, Dambai College of Education (University of Cape Coast), 2013.

G. Service Professional Development Activities Attended

- Professional Learning Community (PLC), 2023.
- NTC Workshop for Professional Development, 2023.
- Cybersecurity Training for Teachers, 2022.