TEXAS STATE VITA

I. Academic/Professional Background

A. **Name:** Vivian Chidinma **Title**: Ms

B. Educational Background

Doctor of Philosophy (PhD), (In Progress)
Texas State University
Major: Postsecondary Student Success - Developmental Mathematics

Master of Science, 2024
Michigan Technological University
Major: Statistics
Master's Thesis: *A Longitudinal Exploration of the Dynamics in Marijuana Consumption Patterns Using Mixed Effects Models and Generalized Estimating Equations (GEE)*

Bachelor of Science (Education), 2018
University of Lagos
Major: Mathematics Education
Bachelor's Thesis: *The Role of ICT as a Tool for the Teaching and Learning of Mathematics*

C. University Experience

- **Mathematics Teaching Assistant,** Michigan Technological University, USA (2022–2023)
- **Doctoral Teaching Assistant (DTA),** Department of Mathematics, Texas State University, USA (Fall 2026)

II. TEACHING

B. Courses Taught:

Mathematics Teacher, Harmony Public Schools, Texas USA (2026)

- Middle school mathematics aligned with Texas mathematics curriculum standards.

Mathematics Teaching Assistant, Michigan Technological University, USA (2022–2023)

- Undergraduate calculus instruction and student support.

Mathematics Teacher, Accord Academy, Nigeria (2018–2019)

- Middle and high school mathematics aligned with curriculum standards.

Mathematics Teacher, AJE Comprehensive Junior High School, Nigeria (2017–2018)

- Middle school mathematics aligned with curriculum standards.

D. Courses Prepared and Curriculum Development:

- Developed lesson plans, instructional materials, and assessments for mathematics instruction across previous teaching positions.

G. Teaching Professional Development Activities Attended

Professional Development Sessions, Harmony Public Schools, Texas USA (2026)

- Participated in professional development activities focused on instructional strategies, classroom practices, curriculum implementation, and supporting student learning.

Teaching Practicum, University of Lagos, Nigeria (2017–2018)

- Completed supervised teaching practicum focused on mathematics instruction, lesson planning, classroom management, and assessment practices.

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):

10. Other Works in Print:

- A Longitudinal Exploration of the Dynamics in Marijuana Consumption Patterns Using Mixed Effects Models and Generalized Estimating Equations (GEE). Master's Thesis, Michigan Technological University, 2024. Published in Michigan Technological University Digital Commons.

D. Scholarly / Creative Fellowships, Awards, Honors:

- **Graduate Fellowship,** Department of Mathematical Sciences, Michigan Technological University (2024).
- **Certificate of Merit for Outstanding Academic Achievement in Linear Models,** Department of Mathematics, Michigan Technological University (2024).

E. Scholarly / Creative Professional Development Activities Attended:

- Short Course in Causal Diagrams, HarvardX (edX) (2020).