**Curriculum Vitae**

**Faculty Name:** Emmanuel A. Appiah

**Work Address:** P.O. Box 519; MS 1060
Prairie View, TX 77446

**Position Title:** Assistant Professor
**Office Location:** W.R. Banks 320
**Office Phone:** 936-261-1980
**Email Address:** emappiah@pvamu.edu

**Education:**

| Degree and Area of Study | Institution Name | Degree Date |
|---|---|---|
| PhD., Mathematics | University of South Florida | 2018 |
| MA., Mathematics with concentration in Statistics | University of South Florida | 2012 |
| BSc., Mathematics and Computer Science | University of Ghana | 2006 |

**Teaching Experience**

| Position Title | Institution Name | Position Dates (Beginning and End) |
|---|---|---|
| Assistant Professor | Prairie View A&M University | 2019-Present |
| Instructor | West Virginia Wesleyan College | 2018-2019 |
| Instructor | University of South Florida | 2017-2018 |

**Professional Publications:**

Appiah, E. A., Ladde, G. S., & Ladde, J. G. (2022). Stochastic interconnected hybrid dynamic modeling for time-to-event processes. *Stochastic Analysis and Applications*, 1-43.

Appiah, E. A., & Manukure, S. (2021). An integrable soliton hierarchy associated with the Boiti–Pempinelli–Tu spectral problem. *Modern Physics Letters B*, *35*(17), 2150282.

Appiah, E. A., Ladde, G. S., & Ladde, J. G. (2021). 10 Innovative interconnected nonlinear hybrid dynamic modeling for time-to-event processes. *Mathematics for Reliability Engineering*, 175-236.

EA Appiah and GS Ladde. Linear hybrid deterministic dynamic modeling for time-to-event process: State and parameter estimations: International Journal of Statistics and Probability, 5(6): 32, 2016

Solomon Manukure, Wen-Xiu Ma, and Emmanuel Appiah. A tri-hamiltonian formulation of a new soliton hierarchy associated with so (3, R). Applied Mathematics Letters, 39:28(30), 2015

**Undergraduate Research Supervision**

Cultivating Undergraduates for STEM PhDs (CUSP) Initiative (PVAMU)-Johns-Hopkins University Vivien Thomas Scholars Initiative (VTSI) Partnership)
Research Mentor 2022-

Research supported by the PVAMU Division of Research & Innovation
*Dynamic Algorithms for Time-t-event Processes 2020-2021*

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|---|---|
| **Additional Trainings/Skills:** | Statistical Package: R and Python (Pandas), Tableau, Power BI.<br><br>Software Skills: Microsoft Office Applications; Language/Tools – Matlab, Maple |