



# 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  
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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*

**Additional  
Trainings/Skills:**

Statistical Package: R and Python (Pandas), Tableau, Power BI.

Software Skills: Microsoft Office Applications; Language/Tools – Matlab, Maple