

CURRICULUM VITA

EDUCATION

- Ph.D. Electrical Engineering, Iowa State, Ames, Iowa, 1976
- M.S. Electrical Engineering, Purdue University, West Lafayette, USA, 1970
- B.S. Electrical Engineering, Southern University, Baton Rouge, USA, 1963

EXPERIENCE (*List all pervious teaching and administrative positions held relative to Higher Ed.*)

- Prairie View A&M University
Professor, 1981 – Present
Courses: Electronics I, Electronics II, Electronic Lab, Network Theory I, Network theory II, Circuit lab, Signal & Systems, Senior Design Project I, Senior Design Project II, Field Theory
- Coordinator of undergraduate program, 2007 to Present

PROFESSIONAL, TECHNICAL AND WORK-RELATED EXPERIENCE AND SKILLS

Member of ASEE;

Member IEEE

PROFESSIONAL ACHIEVEMENTS AND PUBLICATIONS (*5-7 most recent*)

- 1- Warsame H. Ali, Penrose Cofie, Charlie Tolliver, Cajetan Akujuobi, and L. Shieh, “Design and Digital Implementation of PID Controller for Nonlinear Motors”, ASEE-GSW Annual Conference , The University of Texas - Pan American March 28 - 30, 2007.
 - 2- Ali, W.H., Y.P. Zhang, C. M. Akujuobi, C. L. Tolliver, and L. S. Shieh, “DSP- based controller design for the PMDC motor”, *International Journal of Modeling and Simulation*, 2004, Vol. 26, No. 2, 2006, pp. 2337-2354.
 - 3- Zhang, Y. P., C. M. Akujuobi, W. H. Ali, , C. L. Tolliver ,and L. S. Shieh, ,”Load disturbance resistance speed controller design for PMSM”, *IEEE Trans. On Industrial Electronics*, Vol. 53, No. 4, 2006, pp 1198-1208.
 - 4- C. L. Tolliver “ System, Apparatus and Method of Detecting Unknown chemical compounds” Declaration for Utility or Design Patent Application 2008
 - 5- C.L. Tolliver “ System, Apparatus and Method of Smart Police Probe” Declaration for Utility or Design Patent Application 2009
- Patent 76057709-B2 for Z-Ray
 - Patent 200602266102 Tolliver Police Probe
 - Served as a committee member of Master thesis.