

CURRICULUM VITA

EDUCATION

- Ph.D. Electrical Engineering, University of Houston, Houston, TX
- M.S. Electrical Engineering, Texas A&M University, College Station, TX 1983
- Diploma EE, University of Essen, Germany, 1978
- B.S. Electrical Engineering, University of Science & Tech, Ghana, 1971

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

- Prairie View A&M University
Instructor of EE , 1991 – Present
Courses: Power Electronics, Power Systems Engineering, , Electromechanical Energy Conversions, Control Systems Engineering, Signals and Systems, Electronics I, Network Theory I, Network theory II, Circuit lab, Senior Design Project I, Senior Design Project II, Computer Applications.
- Advisor IEEE Prairie View A&M University 1994 to 2007.

PROFESSIONAL, TECHNICAL AND WORK-RELATED EXPERIENCE AND SKILLS

Member IEEE, ISA, Sigma Xi; Registered PE, Texas; Participant in TI Summer Faculty Program;
Active in Energy Research with several publications and a patent.

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

- 1- Y. Zhang, P. Cofie, C. Akujuobi, A Ajuzie,” Real-Time Network Induced Delay Compensation with Digital Redesign Technique”, IEEE RAM 2010
 - 2- P. Cofie, L. S. Shieh, Y. Chang, C. Liu , “Digital Modeling and PID Controller Design for MIMO Analog Systems with Multiple Delays in States, Inputs and Outputs” Circuits Systems and Signal Processing, 2009.
 - 3- Warsame H. Ali, Penrose Cofie, Jiang Zhang, and Vaman “ Digital Cascaded Design for MIMO Analog Systems with Multiple I/O Delays” ASME 2010
 - 4- 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.
 5. R. D. Boyd, P. Cofie, M, Strahan, “ High Heat Flux Removal Using Subcooled Flow Boiling in a Single Side Heated Channel”, International Journal of Heat and Mass Transfer, 2006.
 6. R. D. Boyd, P. Cofie, Martin R, Zhang H. “Single Side Heated Mono-block High Heat Flux Removal Using Water Sub-cooled Flow Boiling.” ASME Journal of Heat and Mass Transfer, 2007
- Who’s who in America Teachers Award , Marquis 2009.
 - Who’s who in America Teachers Award, Marquis, 2007.
 - **US Patent No.: 6,824,305 B1**, granted 11/30/2004 for Local Wall Heat Flux/ Temperature Meter Invention
 - Outstanding Electrical Engineering Faculty, 2003
 - Thermal Science Research Center Award of Excellence, 2003