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CURRICULUM VITA

EDUCATION

- Ph.D. Electrical Engineering, University of Houston, Houston, TX 1984
- M.S. Electrical Engineering, University of Toronto, Toronto, Canada, 1978
- B.S. Electrical Engineering, Univ. of Science & Technology, Kumasi, Ghana, 1974

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

- Prairie View A&M University
Professor, 1997 – Present
Courses: Electronics I, Electronics II, VLSI Design, Network Theory II, Signal & Systems, Communications Theory, Internship I, Internship II, Senior Design & Professionalism, Thesis, Doctoral Research, Doctoral Dissertation
- Department Head, 1997 to Present

PROFESSIONAL, TECHNICAL AND WORK-RELATED EXPERIENCE AND SKILLS

- Assoc. Director, Center for applied Radiation Research, 1995 - 2000.
- ABET Program Evaluator, 2002 to present
- Senior Member of the Institute of Electrical and Electronics Engineers
- Registered Professional Engineer in the State of Texas

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

- Attia, J (2010). PSPICE and MATLAB for Electronics: An Integrated Approach, 2nd Edition, CRC Press.
- Attia, J (2004). Electronics and Circuit Analysis Using MATLAB, 2nd Edition, CRC Press.
- “O. Chukwuma and J. Attia (2009): Single Event Transients in Scaled CMOS Operational Amplifiers, Proceedings of 10th European Conference on Radiation Effects on Components and Systems (RADECS 2009), Bruges, Belgium, September 14 – 18, 2009.
- S. Binzaid and J. O. Attia (2009): Compound Active-Region-Cutout-Enclosed-Layout-Transistor for Space Electronic Applications”, International Review of Physics (IREPHY), , August 2009.
- “Modeling and Simulation of Advanced Mixed Signal System;” funded by National Science Foundation; Grant amount of \$1Million, Duration: 2005 to 2009. Other investigators: Drs. Akujuobi, , Sadiku and Qian.