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CURRICULUM VITA

EDUCATION

- Ph.D. Physics, University of Michigan, Ann Arbor, MI 1991
- B.S. Physics, University of Pittsburgh, Pittsburgh, Pennsylvania, 1984

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

- Prairie View A&M University
Professor, 2010 – present
Graduate Coordinator Dept. of Electrical and Computer Engineering, 2015 - present
Associate Professor, 2003 – 2010
Courses: Physical Principles of Solid State Devices (Physical Electronics),
Electromagnetic Field Theory, Photonic and Electronic Materials and Devices, Advanced
Quantum Devices, Advanced Photonics, Nuclear Applications
- Teaching Assistant, 1984-1987, University of Michigan
Courses: Introductory Physics & Introductory Astronomy labs and recitations

PROFESSIONAL, TECHNICAL AND WORK-RELATED EXPERIENCE AND SKILLS

- Director, NASA Center for Radiation Engineering and Science for Space Exploration,
2008 – present.
- Director, Center for applied Radiation Research, 2000 – present.

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

- S. Kyatsandra and R. Wilkins, "Total ionizing dose x-ray radiation effects on
MWCNT/PMMA thin film composites", IEEE Transaction on Nanotechnology, Vol. 14
152-158 (2015).
- U. S. Patents: #7,407,640, "Functionalized Carbon Nanotube-Polymer Composites and
Interactions with Radiation", 2014.
- 2014: NASA Group Achievement Award, University Research-1 Team (payload to the
International Space Station), NASA Johnson Space Center, September 2014.
- Researcher of the Year, College of Engineering, 2008-2009.