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Work History

- 2009– Assistant Professor, Angelo State University, Department of Physics. Teaching: introductory and advanced undergraduate physics courses (both theoretical and experimental), introductory and advanced physical science (non-majors).
- 2002–2009 Assistant Professor, Angelo State University, Department of Physics. Teaching: introductory and advanced undergraduate physics courses (both theoretical and experimental), introductory and advanced physical science (non-majors).
- 2001–2002 Visiting Assistant Professor, Trinity University, Department of Physics and Astronomy. Teaching: Introductory physics labs (for both major and non-majors), introductory astronomy labs, and advanced undergraduate electricity and magnetism.
- 1996–2001 Chief Scientist, Scientific Measurement Systems, Inc. Duties: Design of new detector systems, analysis of image data, feasibility studies for customers.
- 1993–1996 Senior Staff Scientist, Integrated Diagnostic Measurement Corp. Duties: Simulations for existing and proposed radiation-based gaging devices, software for computed tomography reconstruction.
- 1991–1992 Research Fellow, University of Texas at Austin, Department of Physics. Participation: SSC simulations for the GEM detector, hardware design and modification for a K-meson experiment at BNL.
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Education

- 1997 graduate Software Project Management, Software Quality Institute, UT Austin
- 1991 Ph.D. High Energy Nuclear Physics, Purdue University
- 1981 M.S. Physics, University of Illinois at Urbana-Champaign
- 1980 Sc.B. Physics, Brown University
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Professional Affiliations

American Association of Physics Teachers (AAPT)
American Physical Society (APS)
Health Physics Society (HPS)
Institute of Electrical and Electronics Engineers (IEEE)