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Professional Preparation

- B. S. in Physics, University of Science and Technology of China (1992)
- M. S. in Applied Physics, Harvard University (1993)
- Ph. D. in Applied Physics, Harvard University (1997)
- Postdoctoral Fellow, Delft University of Technology, The Netherlands (1997-2000)

Appointments

- Associate Professor of Physics, The University of Texas at Austin (09/2007 – present)
- Assistant Professor of Physics, The University of Texas at Austin (01/2001 – 08/2007)
- Affiliated with Texas Materials Institute, and Center for Nano- and Molecular Science and Technology

Honors and Awards

- Alfred P. Sloan Fellowship (2002-2004)
- Outstanding Young Researcher Award (2002), Overseas Chinese Physics Association
- Outstanding Overseas Young Scholar, Natural Science Foundation of China (2002-2005)

Services

- Reviewer for Science, Nature, Phys. Rev. Lett., Phys. Rev. B, Appl. Phys. Lett., Adv. Mater., Nano Lett., JACS, PNAS, J. Mater. Res., and Nanotechnology
- Proposal reviewer for National Science Foundation and Department of Energy
- Proposal review panelist for National Science Foundation and Civilian Research and Development Foundation

Current Research Interests

- Electronic and thermal transport in nanostructures
- Molecular electronics
- Magnetism and superconductivity at the nanoscale
- Novel nanofabrication techniques
- Scanned probe microscopy of nanostructures.