# **Professional background**

*Department of Materials Science, The University of Tennessee* — August 2004 to present

– Professor

*Department of Materials Science, Harbin Institute of Technology* — January 2004 to present

– Consulting Professor

*Department of Materials Science, Shanghai University* — January 2005 to present

– Consulting Professor

*Lawrence Livermore National Laboratory* —August, 1992 to July 2004

– Senior Research Fellow, Principal Investigator of R&D projects

Visiting Professor, Stanford University —January 2000 to March 2000

Visiting Scientist, Oak Ridge National Laboratory – April 2000 to June 2000

Visiting Professor, The University of Tokyo, August 2000 to September 2000

Visiting Professor, Massachusetts Institute of Technology, November 2000

*Lockheed Missiles and Space Co., Inc.*

– Group Leader of the Metallurgy Department, January 1986 to August 1992.

– Senior Fellow of Lockheed Research Laboratory, January 1989

* Senior Staff Scientist, January 1989 to 1992
* Staff Scientist, February 1986 – December 1982 to February 1986

– Scientist – Research Associate, July 1980 to July 1982.

*Stanford University*

– Consulting Professor, Materials Science and Engineering Department, Teaching Graduate Course *Strength and Microstructure*, 1988 to1992.

– Postdoctoral Fellow, Materials Science and Engineering Department, February 1980 to June 1980.

## Failure Analysis Associates, Palo Alto, California

– Metallurgical Consultant. Responsible for determining the causes of failure of engineering structures, June 1979 to July 1980.

# **Professional Affiliation and Services**

Fellow, The Minerals, Metals & Materials Society, 2004

Fellow, ASM International, 1992

ISI Highly-cited Materials Scientist, 2003

Board Member, International Advisory Board on Superplasticity, 1999 to present

Associate Editor, Journal of Intermetallics, 2001 to present

Editorial Board, Materials Characterization

Committee Member, *International Materials Reviews Committee,* 1990 to present

National Materials Advisory Board, Panel for Review of AFOSR proposals, 1994 and 2002.

NSF Panel for proposal review, May 2005.

Society Member: The Minerals, Metals & Materials Society, Materials Research Society, American Ceramic Society.