



Lih J. Chen, Ph.D.
Independent Director of UMC
(NYSE: UMC, TSE: 2303)

Vita

Education

- Ph.D. in Physics, University of California, Berkeley, USA (1974)
- B.S. in Physics, National Taiwan University (1968)

Professional Experiences

- President, National Tsing Hua University (2010-2014)
- Deputy Minister, National Science Council (2008-2010)
- Vice Chancellor for Research and Development, University System of Taiwan (2006-2008)
- Dean, College of Engineering, National Tsing Hua University (1999- 2005)
- Director and Chairman, Department of Materials Science and Engineering, National Tsing Hua University (1982-84)
- Associate Director, Materials Science Center, National Tsing Hua University (1984-85)
- Professor, Department of Materials Science and Engineering, National Tsing Hua University (1979-present)
- Associate Professor, Department of Materials Science and Engineering, National Tsing Hua University (1977-79)
- Research Associate, Materials Department, University of California, Los Angeles (1974-77)
- Councilor, Academia Sinica (2011-2020)
- President, Phi Tau Phi Honor Society (2011-2013)
- President, Association of East Asia Research Universities (2011-2013)
- Second Vice President, International Union of Materials Research Societies (1999-2001)
- President, Microscopy Society, Taiwan (1999-2001)
- President, Chinese Society for Materials Science (1995-99)
- Founding President, Chinese Federation of Materials Societies in Taiwan (1998-99)

Honors and Awards

- Member, Academia Sinica (2006-)
- Distinguished Chair Professor, National Tsing Hua University (2006-)
- Member, Russian International Academy of Engineering (2013)
- Fellow, Taiwan Vacuum Society (2011)
- Fellow, Materials Research Society (MRS) (2011)
- The Electrochemical Society (ECS) Electronics and Photonics Division (EPD) Award (2010)
- Fellow, Chinese Society for Materials Sciences (2009)
- Member, The Academy of Sciences for the Developing World (TWAS) (2009)
- Distinguished Alumni Award, Department of Physics, National Taiwan University (2009)
- The Mineral, Metallurgy and Materials Society (TMS) 2008 William Hume-Rothery Award (2008)
- Fellow, American Vacuum Society (2001)

Areas of Research Interest

- Synthesis and applications of low-dimensional nanomaterials, atomic scale structures and dynamic processes of advanced materials, metallization in integrated circuits devices.