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### **Current Positions**

- 2015/08~ President, National Chung Hsing University, Taiwan
- 2007/08~ Distinguished Professor, Department of Materials Science and Engineering, National Chung Hsing University, Taiwan
- 2016/07~ Member of the Board of Directors, Industrial Technology Research Institute, Taiwan
- 2016/07~ Member of the Board of Directors, Aerospace Industrial Development Corporation, Taiwan
- 2017/02~ Chairman, Foundation of College Entrance Examination Center, Taiwan
- 2017/03~ President, Academia-Industry Consortium for Central Taiwan Science Park, Taiwan

### **Education**

- 1988/02-1990/05 Ph. D. in Materials Science and Engineering, Cornell University, Ithaca, NY, USA
- 1985/09-1988/02 M. S. in Materials Science and Engineering, Cornell University, Ithaca, NY, USA
- 1977/09-1981/06 B. S. in Materials Science and Engineering, Tsing Hua University, Hsinchu, Taiwan

### **Experiences**

- 2011/05-2015/05 President, Chinese Institute of Engineers-Taichung Charter, Taiwan
- 2009/08-2015/07 Dean, College of Engineering, National Chung Hsing University, Taiwan
- 2009/08-2011/12 Vice President, The International Thin Films Society, Singapore
- 2008/01-2011/05 Director, Office of the National Human Resource Development Program for Nanoscience and Nanotechnology, Taiwan
- 2007/12-2010/12 Director, Division of Materials Engineering, National Science Council, Taiwan
- 2007/12-2010/12 Board Member, Taiwan Society for Metal Heat Treatment, Taiwan

2006/08-2008/07	Executive Board Member, Taiwan Microscopy Society, Taiwan
2006/01-2007/12	President, Taiwan Association for Coating and Thin Films Technology
2005/10-2009/09	Board Member, Taiwan Association for Hydrogen Energy and Fuel Cells, Taiwan
2005/08-2009/07	Board Member, The Corrosion Engineering Association of the Republic of China, Taiwan
2004/08-2009/07	Dean, Office of Research and Development, National Chung Hsing University, Taiwan
2003/09-2007/12	Director, Mid-South Regional Center of the National Human Resource Development Program for Nanoscience and Nanotechnology, Taiwan
2003/05-2007/04	Board Member, Chinese Institute of Engineers-Taichung Charter, Taiwan
2000/01-2009/12	Board Member, Materials Research Society-Taiwan (MRS-T), Taiwan
1999/08-2003/07	Chairman, Department of Materials Science and Engineering, National Chung Hsing University, Taiwan
1998/08-2007/07	Professor, Department of Materials Science and Engineering, National Chung Hsing University, Taiwan
1997/08-2006/07	Board Member, Taiwan Microscopy Society, Taiwan
1993/08-1998/07	Associate Professor, Institute of Materials Engineering, National Chung Hsing University, Taiwan
1990/09-1993/08	Sr. Research Engineer, Analytical Laboratory, Dow Chemical Co., USA
1983/06-1985/05	Products Engineer, Department of Metallurgy, China Steel Co., Taiwan

### **Honors and Awards**

	<a href="#">Fellow, The Institution of Engineering and Technology, UK</a>
	<a href="#">Fellow, The Institution of Materials, Minerals and Mining, UK</a>
	<a href="#">Fellow, Australian Institution of Energy, Australia</a>
	<a href="#">Distinguished MS&amp;E Alumni Award, Cornell University, Ithaca, NY, USA</a>
2014	Special Contribution Award, Taiwan Association for Coating and Thin Film Technology, Taiwan
2014	Excellence Award of Poster Paper, IUMRS-ICEM International Electronic Materials, Taipei, Taiwan
2011	Organizer, Symposium: Energy and Green Materials, The 12th IUMRS International Conference in Asia, Taipei, Taiwan

2011 Best Paper Award, The 2011 TACT International Conference, Taipei, Taiwan

2010 Plenary Lecturer, 「K-12 NanoEducation International Benchmark Workshop」, National Science Foundation, Washington DC, USA

2010 Organizer, Symposium: Thin Film Materials and Technology, The 11th IUMRS International Conference in Asia, Qingdao, China

2010 Councilor, 「Central Government Science and Technology Development Committee」, Taiwan

2010 Distinguished Research Award, Distinguished Academia-Industry Collaboration Award, National Chung Hsing University, Taichung, Taiwan

2010 Best Paper Award, The 2010 Annual Conference of the Chinese Society for Materials Science, Kaohsiung, Taiwan

2009 Vice President, Thin Films Society (International), Singapore

2009 Distinguished Academia-Industry Collaboration Award, National Chung Hsing University, Taichung, Taiwan

2009 Best Paper Award, The 2009 Annual Conference of the Chinese Society for Materials Science, Hualien, Taiwan

2008 Keynote Speaker, 「Global Nanoscale Science and Engineering Education (GNSEE)」, National Science Foundation, Washington DC, USA

2008 Co-Chair, The 4th International Conference on Technological Advances of Thin Films & Surface Coatings, Singapore

2008 Distinguished Service Award, Taiwan Association for Coating and Thin Film Technology, Hsinchu, Taiwan

2007 Distinguished Research Award, National Chung Hsing University, Taichung, Taiwan

2007 Distinguished Professor, National Chung Hsing University, Taiwan

2007 Session Chair, The 13th International Symposium on Plasticity 2007, Alaska, USA

2006 Distinguished Research Award, National Chung Hsing University, Taichung, Taiwan

2006 Distinguished Preceptor Award, Outstanding Teaching Award, College of Engineering, National Chung Hsing University, Taiwan

2006 Best Paper Award, The 2006 Annual Conference of the Chinese Society for Materials Science, Tainan, Taiwan

2006 Best Paper Award, Taiwan Association for Coating and Thin Film Technology, Nantou, Taiwan

2005 Best Photograph Award, The 25th Asia-Pacific Advanced Electron Microscopy Conference, Taipei, Taiwan

2005	Chair, The 2005 Annual Meeting of The Corrosion Engineering Association of the Republic of China, Taichung, Taiwan
2004	Best Paper Award, The 3rd Asia Chemical Vapor Deposition Conference, Taipei, Taiwan
2003	The 1st Prize in National Nanotechnology Innovation Contest, Ministry of Education, Taiwan
2002	Distinguished Service Award, Chinese Materials Science Society, Taiwan
2002	Distinguished Achievement Award, The Corrosion Engineering Association of the Republic of China, Taiwan
2001	Chair, The 2001 Annual Meeting of Chinese Materials Science Society, Taichung, Taiwan
2001	Distinguished Service Award, Taiwan Association for Thin Films and Coating Technology, Taiwan
1999	The 20th Century Outstanding Educator and Materials Scientist in the World, England
1999	The Marquis Who's Who in the World, New Jersey, USA
1999	Young Faculty Research Award, National Chung Hsing University, Taiwan
1993-2000	Outstanding Research Award, National Science Council, Taiwan
1993	Best Paper Award, ANTEC '93, Society of Plastics Engineers (SPE), USA
1992	President Quality Performance Award, Dow Chemical USA
1992	Outstanding Paper Award, International Microelectronics Conference in Yokohama, Japan
1991	General Manager's Quality Performance Award, Michigan Division of Dow Chemical USA
1989	Scholarships from Materials Research Society and JEOL USA
1985-1990	Fellowships from National Science Foundation and Office of Naval Research, USA
1981	Elected Member, Phi Tau Phi Scholastic Honor Society

### **Fields of Specialty**

Nano-structured materials and Nanocharacterization, Thin Films and Coating Technology; Fuel cells and Renewable Energy; Nano Education

### **Professional Affiliations**

The Electrochemical Society (USA); Materials Research Society (USA); American Society for Engineering Education (ASEE); American Society for Metals (USA); Thin Films Society (Singapore); Materials Research Society-Taiwan; Taiwan Association

for Thin Films and Coating Technology; Chinese Institute of Engineers; Taiwan Society for Metal Heat Treatment; Taiwan Microscopy Society; The Corrosion Engineering Association of the Republic of China; Taiwan Association for Hydrogen Energy and Fuel Cells

**Publications:** SCI 148 referred papers, 235 conference papers, 7 books or chapters, and 16 patents.