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### **Professional Preparation**

*Ph.D., Electrical Engineering*, University of Southern California, 1991  
*M.S., Materials Science*, Massachusetts Institute of Technology, 1982  
*B.A., Physics*, Hamilton College, 1979

### **Appointments**

- Rolf E. Hummel Endowed Chair Professor of Electronic Materials and Associate Chair of Research (2012 to present); Professor (2010 to present) Department of Materials Science and Engineering, University of Florida
- Associate Professor (August, 2005 to 2010) Department of Materials Science and Engineering, University of Florida
- Head of Materials and Devices Research (2001 to 2005) OSRAM Opto-Semiconductors, Inc.
- Program Manager (1996 to 2001) and Senior Staff Scientist (1993 to 1996) Motorola Corporate Research Labs
- Research Physicist (1991 to 1993) Hoechst Celanese Research Division

### **Awards and Synergistic Activities:**

- Distinguished Lecturer, IEEE Photonics Society, 2013
- Chartered Fellow of National Academy of Inventors, 2012
- Fellow of Optical Society of America (OSA), 2012
- Fellow of Institute of Electronic and Electrical Engineers (IEEE), 2011
- Fellow of International Society for Optics and Photonics (SPIE), 2009
- Rolf E. Hummel Professorship in Electronic Materials, 2012-present
- University of Florida Research Foundation Professorship award, 2011.
- Received Significant Achievement Awards from the DOE Solid State Lighting program in 2009 and 2010.
- University Faculty Excellence Award, 2010, 2011 and 2012.
- Editor-in-Chief, Materials Science and Engineering Reports (2012-present)
- Associate Editor, Organic Electronics (2013-present)
- Associate Editor, IEEE Journal of Display Technology (2007-present)

- Associate Editor, IEEE Journal of Photovoltaics (2010-present)
- Associate Editor, Materials Science and Engineering Reports (2007-2011)
- Associate Editor, SPIE Journal for Photonics for Energy (2010-present)
- Guest Editor, IEEE Journal of Special Topics in Quantum Electronics on Solid State Lighting, 2007
- Guest Editor, IEEE Journal of Display Technology on Transparent Electronics, 2009
- Guest Editor, IEEE/OSA Journal of Display Technology on Solid State Lighting, 2012
- Editor, Proceedings of SPIE Symposium on Organic Light Emitting Devices, 2006, 2007, 2008, 2009
- Conference Chair:
  - Symposium on Organic Electronics, MRS Fall, 2006
  - SPIE Symposium on OLED Materials and Devices, 2006-present
  - International Display Research Conference, Oct, 2008
  - CIMTEC Symposium on Materials and Technologies for Solid State Lighting, July, 2014
- OLED Science Panel Co-Chair, Department of Energy Basic Energy Sciences Solid State Lighting Workshop, May, 2006
- Program committee member:
  - SPIE Photonic Devices and Applications, August, 2007
  - SPIE Organic-based Chemical and Biological Sensors, August, 2007
  - Organic and inorganic LEDs for Solid State Lighting and Displays, Conference on Lasers and Electro-Optics (CLEO), 2007 and 2008
  - International Meeting on Information Displays (IMID), 2011, 2012