Ming Lin

Distinguished University Professor
University of Maryland at College Park

Awards and Honors and Year Received

2022: Fellow of National Academy of Inventors
2020: Member of ACM SIGGRAPH Academy
2012: IEEE Fellow
2011: ACM Fellow
2010: IEEE Virtual Reality Technical Achievement Award

Involvement in CRA Activities

- Board of Director, Computing Research Association Women (now CRA-WP), 2016-present
- Co-Chair, CRA-W Distributed Research Experience for Undergraduates (DREU) Program, 2016-present
- Invited speaker and mentor, CRA-WP Graduate Cohort Workshop 2010-2022
- Invited speaker and mentor, CRA-WP Career Mentoring Workshop 2016, 2018
- Co-Chair, CCC Workshop on Discovery and Innovation on Smart & Pervasive Health 2016
- Invited Participant, CCC/CRA Roadmap Workshop on Healthcare and Medical Robotics 2008

Other Relevant Experience

1995-1997: Founding Program Manager of Computer Science and Discrete Mathematics at Army Research Office (ARO) to start new funding initiatives to support university research in Computer Science and Discrete Math at ARO, with oversight of multiple major research centers & programs (including MURI, HBCU, STTR, SBIR, etc).
1996-2023: General/Program/Paper (Co-)Chair of over 30 ACM/IEEE Conferences, including ACM SIGGRAPH Asia 2023.
2011-2014: Editor in Chief of IEEE Transactions on Visualization and Computer Graphics – introduced hybrid publication model for multiple IEEE VGTC conferences that increased both conference attendance and journal impact factors
2015-2018: IEEE Computer Society (CS) Board of Governor
2015-2020: Founding Chair of ACM SIGGRAPH Doctoral Dissertation Award Committee

Research Interests

AI/Machine Learning, Computer Graphics, Geometric Modeling, Robotics, and Virtual Reality

Personal Statement

The field of computing is constantly evolving; our society is experiencing challenges from unprecedented demands in education, research, and workforce (re-)training. Seamless coordination should be explored between academia, industry, government, and non-profits. In addition to industry engagement with Adobe, Amazon, Intel, and Microsoft, my 30 years of experiences, including Department Chair, founding CS program director, entrepreneur of successful startups, chairs, advisory board & steering committee members of conferences, publications, international communities, government, and tech companies, well position me to understand issues and benefits associated with these changes and various alternatives to address diverse issues in current economic & geopolitical environments.