



Jianming Ma, Ph.D., P.E.

Traffic Operations Division
Texas Department of Transportation
9500 N. Lake Creek Parkway
Austin, TX 78717
Phone: (512) 923-6456
E-Mail: mjiming@gmail.com

BIOGRAPHICAL SUMMARY

Jianming Ma holds a Ph.D. degree in Civil Engineering from the University of Texas at Austin. Dr. Ma coordinates connected and automated vehicle activities at the Texas Department of Transportation (TxDOT), whether demonstration, pilot projects, national studies and university research. Dr. Ma has over twenty years of professional and research experience in connected and automated vehicle (CAV), econometric modeling, human factors, intelligent transportation systems (ITS), and traffic safety. He has over 40 technical papers and reports published in the above mentioned areas. He is the Research Coordinator for the Transportation Research Board (TRB) Committee on Safety Data, Analysis and Evaluation (ANB20) and a member of SAE DSRC Technical Committee. He also sits on TRB's Traffic Speed and Safety – Cross-cutting Issues Joint Subcommittee (ANB20-5) and TRB Active Traffic Management Joint Subcommittee (AHB20-5). Dr. Ma has been invited to serve on numerous research panels such as TxDOT, the National Cooperative Highway Research Program (NCHRP), the Strategic Highway Research Program 2 (SHRP2), the American Association of State Highway and Transportation Officials (AASHTO) CAV Working Group, the Vehicle to Infrastructure (V2I) Deployment Coalition, and the Connected Vehicle Pooled Fund Study (CVPFS). Dr. Ma serves as Edit-in-Chief for the International Journal of Vehicular Telematics and Infotainment Systems (IJVTIS)

QUALIFICATION & CONTRIBUTION

Active in COTA committees, conferences, and activities, Dr. Ma has been strongly promoting cooperation and collaboration between overseas transportation professionals and their counterparts in China. Since he was elected to the COTA Board of Directors (BOD) in 2011, Dr. Ma has successfully organized and chaired a number of international conferences, workshops, and symposiums. For example, Dr. Ma served as the Chair of the Organizing and Executive Committee for both CICTP2012 and CICTP2014. As COTA Vice President, Dr. Ma chaired the CICTP2016 Sponsorship Committee and raised more than \$15,000 to sponsor and support CICTP2016. During his tenure as COTA Treasurer, he revamped COTA financial rules to more effectively manage the COTA financial operations, better assist administrative needs, and more timely manage cash flow for all COTA activities and events; Dr. Ma has also served as a bridge between COTA and governmental agencies, associations as well as research institutions in China to promote COTA, and expand its global influence and reputation; he has provided numerous support and guidance to the organizing committees of COTA summer conferences and winter symposiums.

ENVISIONED COMMITMENT

I don't know if you have read COTA Mission Statement, but that statement resonates with me. A loose quote from the statement is "the main objectives of COTA include:

- 1) Enhance connections among Chinese transportation professionals;
- 2) Promote transport development China;
- 3) Improve networking and collaboration among COTA members; and
- 4) Serve as a platform to exchange information and knowledge among transportation professionals."

I envision that COTA will continue leading overseas Chinese transportation professionals to help address transportation challenges and contribute to better quality of life for our society. I am very passionate about our transportation profession and COTA. My term as the COTA board member is ending in January 2017. I hope to continue using my experience and passion to advance COTA as a strong leader in overseas Chinese transportation communities, a primary information and knowledge base, and a platform for networking and professional collaboration. With strong connections in both the U.S. and China, I can help promote COTA and expand its global influence and reputation. Contributing to COTA has been very rewarding, I look forward to an opportunity of continuing serving on the COTA BOARD. If I had the opportunity, I would work closely with other COTA board members, COTA members and other Chinese transportation groups in continuing to carry on COTA's success and growth.

Please feel free to contact me at mjming@gmail.com or (512) 923-6456 if any additional information is needed.

ENDORSEMENT

- Dr. Yinhai Wang (Past COTA President), Professor, The University of Washington
- Mr. Jason Wang (Past COTA President), Senior Transportation Specialist, ARC
- Dr. Ping Yi (Past COTA President), Professor, The University of Akron
- Dr. Guohui Zhang (COTA BOD), Assistant Professor, University of Hawaii at Manoa
- Dr. Lei Yu (Past COTA President), Professor, Texas Southern University
- Dr. Yu Zhang (COTA President), Associate Professor, The University of South Florida