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## **EDUCATION**

Ph.D. in Transportation, New Jersey Institute of Technology, Newark, NJ, 1999

M.S. in Transportation Engineering, Southwest Jiaotong University, Chengdu, China, 1992

B.S. in Material Science and Engineering, Southwest Jiaotong University, Chengdu, China, 1989

## **APPOINTMENTS**

Jul 2007 – present	Associate Professor, Department of Civil Engineering, University of Kentucky, Lexington, KY
Feb 2002 – Jun 2007	Assistant Professor, Department of Civil Engineering, University of Kentucky, Lexington, KY
Jul 2000 – Jan 2002	Visiting Assistant Professor, Department of Civil & Environmental Engineering, National Center for Transportation and Industrial Productivity, New Jersey Institute of Technology, Newark, NJ
Jan 1999 – Jun 2000	Principal Planner, New Jersey Center for Transportation Information and Decision Engineering, New Jersey Institute of Technology, Newark, NJ
May 1992 – Jul 1995	Lecturer, Department of Transportation Engineering, Southwest Jiaotong University, Chengdu, China

## **SELECTED PUBLICATIONS**

Zhang, X. and M. Chen (2018). Multi-Criteria Routing Problem with Asymmetrical Travel Time Distributions, *Journal of Intelligent Transportation Systems*. Vol.22, Issue 2, 87-98.

Castiglione, J., S. Roy, D. Cooper, B. Sana, M. Chen, and G. Erhardt. (2019) The Effect of Transportation Network Companies (TNCs) on Congestion in San Francisco, the 98th Annual Meeting of the Transportation Research Board, Washington, DC.

Song, W., S. Workman, A. Hadzic, X. Zhang, E. Green, M. Chen, R. Souleyrette, and N. Jacobs. (2018) FARSA: Fully Automated Roadway Safety Assessment, WACE'18, IEEE Winter Conference on Applications of Computer Vision 2018, Lake Tahoe, USA

Zhang, X. and M. Chen (2016) A Genetic Algorithm Based Routing Problem Considering the Travel Time Reliability under Asymmetrical Travel Time Distribution, *Journal of the Transportation Research Board*, No.2567.

## **SYNERGISTIC ACTIVITIES**

Served as PI and co-PI on a wide range of research projects, including:

Measuring Congestion for the Strategic Highway Investment Formula for Tomorrow, Kentucky Transportation Cabinet

Practices on Acquiring Proprietary Data for Transportation Applications, National Academies

Pilot Testing of SHRP2 Reliability Data and Analytic Tools, Federal Highway Administration  
Develop an Integrated Framework for Safety and Mobility Analysis, Southeastern Transportation  
Center, US Department of Transportation and University of Tennessee  
Improving the Quality of Traffic Records for Traffic Incident Management, Kentucky  
Transportation Cabinet  
Understanding the Effects of TNCs in San Francisco, San Francisco County Transportation  
Authority

Served on several technical committees of the Transportation Research Board of the National  
Academies, including Statewide Transportation Data and Information Systems and Urban  
Transportation Data and Information Systems.

Working with state and city officials on congestion management effort.

### **COLLABORATORS & OTHER AFFILIATIONS**

Co-Authors and collaborators: Dr. Reg Souleyrette, Dr. Eric Green, University of Kentucky

Graduate Advisors: Dr. Lazar Spasovic, New Jersey Institute of Technology, Newark, NJ

Graduate Co-Advisors: Dr. David Bernstein, James Madison University, Harrisburg, VA

PhD Advisees and Co-Authors:

Dr. Jingxin Xia, Southeastern University, Nanjing, Jiangsu Province, China

Dr. Meiwu An, St. Louis County Department of Highways and Traffic, Creve Coeur, MO

Dr. Xu Zhang, Kentucky Transportation Center, Lexington, KY.