**RAM M. PENDYALA**

**Professor**, Sustainable Engineering and the Built Environment

**Senior Sustainability Scientist** - Global Institute of Sustainability

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**Education**

Ph.D., Civil Engineering (Transportation), University of California-Davis, December 1992.

M.S., Civil Engineering (Transportation), University of California-Davis, June 1990.

B.Tech., Civil Engineering, Indian Institute of Technology-Madras, June 1988

**Employment and Professional Experience (last 25 years)**

Professor, Sustainable Engineering and the Built Environment, ASU, 2006-2014 & 2016-present.

Frederick R. Dickerson Chair Professor, School of Civil and Environmental Engineering, Georgia Institute of Technology, 2014-2016

Senior Sustainability Scientist - Global Institute of Sustainability, ASU, 2011-Present.

Asst/Assoc/Professor, Civil & Environmental Engineering, Univ of South Florida, 1994-2006.

Assistant Professor, Civil Engineering, University of Louisiana at Lafayette, 1992-1994.

**Fields of Interest and Expertise**

(1) Multimodal transportation systems planning; (2) Activity-travel behavior analysis; (3) Transportation demand modeling and forecasting; (4) Mobility analytics and visualization; (5) Statistical and econometric analysis of transportation data; (6) Dynamic mobility management; (7) Travel survey methods and data collection; (8) Built environment – transportation – energy connections

**5 Recent Relevant Publications (from over 200)**

1. Garikapati, V. M., Pendyala, R. M., Morris, E. A., Mokhtarian, P. L., and McDonald, N. (2016). Activity Patterns, Time Use, And Travel of Millennials: A Generation in Transition? *Transport Reviews*, 36(5), pp. 558-584.

2. Pinjari, A. R., Augustin, B., Sivaraman, V., Imani, A. F., Eluru, N., and Pendyala, R. M. (2016). Stochastic Frontier Estimation of Budgets for Kuhn–Tucker Demand Systems: Application to Activity Time-Use Analysis. *Transportation Research Part A*, 88, pp. 117-133.

3. Shin, J., Bhat, C. R., You, D., Garikapati, V. M., and Pendyala, R. M. (2015). Consumer Preferences and Willingness to Pay for Advanced Vehicle Technology Options and Fuel Types. *Transportation Research Part C*, 60, pp. 511-524.

4. Garikapati, V. M., You, D., Pendyala, R. M., Jeon, K., Livshits, V., and Vovsha, P. S. (2015). Tour Characterization Framework Incorporating Activity Stop–Sequencing Model System. *Transportation Research Record: Journal of the Transportation Research Board*, 2494, pp. 77-86.

5. Archer, M., Paleti, R., Konduri, K., Pendyala, R., & Bhat, C. (2013). Modeling the connection between activity-travel patterns and subjective well-being. *Transportation Research Record: Journal of the Transportation Research Board*, 2382, pp. 102-111.

**Graduate Student Supervision/Advising**

**Graduated:** 10 PhDs (includes 2 women), 50 Masters; **Current Supervision**: 4 PhDs

**Recent Honors and Awards**

Pyke Johnson Award for Best Paper in Planning and Environment, Transportation Research Board of the National Academies, 2011 and 2013

Invited Speaker, Distinguished Lecture Series, Department of Civil and Environmental Engineering, Florida International University, 2015

Invited Keynote Speaker at 5 International/National Conferences, 2014-2016