

## ABET FACULTY VITAE (2 Page)

**Name:** Srinivas S. Pulugurtha

### **Education:**

- Ph.D., Civil Engineering, University of Nevada, Las Vegas (UNLV), 1998
- M.Tech., Civil Engineering, Indian Institute of Technology Kanpur-India, 1995
- B.Tech., Civil Engineering, Nagarjuna University-India, 1992

### **Academic Experience:**

- UNC Charlotte, Professor, July 2014 – Present, Full-Time
- UNC Charlotte, Director IDEAS Center, October 2013 – Present, Full-Time
- UNC Charlotte, Graduate Program Director, July 2012 – Present, Full-Time
- UNC Charlotte, Associate Professor, July 2009 – June 2014, Full-Time
- UNC Charlotte, Assistant Professor, July 2005 – June 2009, Full-Time
- UNC Charlotte, Assistant Director and Senior Research Associate CTPS, 2005 – Present, Full-Time
- UNLV, Assistant Director and Assistant Research Professor of Transportation Research, September 1998 – August 2005, Full-Time

### **Non-Academic Experience:**

- Consulting Engineering Services (India) Private Limited, Transportation Analyst, January 1995 – August 1995, Full-Time

### **Certifications or Professional Registrations:**

- Registered Professional Engineer – North Carolina (License #: 031890)

### **Current Membership in Professional Organizations:**

- American Society of Civil Engineers (ASCE) (since 1998)
- American Society for Engineering Education (ASEE) (since 2005)
- Chi Epsilon, National Civil Engineering Honor Society (since 2005)
- Institute of Transportation Engineers (ITE) (since 1995)
- Intelligent Transportation Systems (ITS) America & Nevada Chapter (2000 - 2005)
- Transportation Research Board (TRB) (since 1998)

### **Honors and Awards:**

- Best Research Paper Award (Paper Title: Spatial Variations in Pedestrian and Bicycle Level-of-Service (LOS) for Infrastructure Planning and Resource Allocation) by American Society of Civil Engineers (ASCE) Transportation & Development Institute (T&DI) hosted Green Streets, Highway, and Development Conference, Austin, TX (2013)
- William States Lee College of Engineering Teaching Excellence Award at Graduate Level, UNC Charlotte (2010)
- Best Paper Award (Paper Title: Evaluating Ground Holding Policy Implications in Real-Time Using Genetic Algorithms), Student Paper Competition held in Conjunction with the 25<sup>th</sup> American Society of Civil Engineers (ASCE) International Air Transportation Conference, Austin, TX (1998)

**Service Activities (Within and Outside of the Institution):**

- University Committees (Graduate Program Director Advisory Council; Campus Sustainability Executive Committee; Faculty Competitive Grants Committee)
- College of Engineering (COE) Committees (3 different COE committees; Parliamentarian for College of Engineering Faculty Organization; Chaired two COE committees: Graduate Teaching Award Committee in 2011 and College Review Committee during 2011-12 fiscal year).
- Civil & Environmental Engineering (CEE) Department Committees (9 different CEE committees; Focus Area Improvement Team (FAIT) Coordinator / Leader since 2006; Faculty Advisor of ITE Student Chapter since 2006; Chaired 2012-13 Transportation Engineering Faculty Search Committee).
- Professional Organizations / Societies and Committees (8 different professional organizations / societies; 9 professional committees and 3 task force committees; 12 conference organizing / steering / scientific committees - Chaired or co-Chaired 7 of them; Chair of ASCE T&DI Planning, Finance & Economics Committee since fall 2007).
- Editorial / Advisory Board and Reviewer (Editorial Board of a Journal, Executive Committee of a Journal, International Advisory Board of a Transportation Research Group, Advisory Council of an Alliance (non-profit) as well as Assistant Editor-in-Chief of a Journal; Reviewed 242 journal papers for 27 different journals, 45 conference papers for 20 different conferences, several abstracts, and 7 proposals for 6 different agencies).

**Select Publications and Presentations (Last Five Years):**

1. Spivey, Heath and Srinivas S. Pulugurtha. (2016). Visibility of Two-Wheelers Approaching Left Turning Vehicles Compared to Other Hazards Under Nighttime Conditions at Urban Signalized Intersections. *Journal of Transportation Research Board, National Research Council, Transportation Research Record Series*, (in press).
2. Pulugurtha, Srinivas S. and S. Sujith Balaram Mahanathi. (2015). Assessing Spatial and Temporal Effects due to a Crash on a Freeway Through Traffic Simulation. *Case Studies on Transport Policy Journal*, (in press).
3. Kusam, Prasanna R. and Srinivas S. Pulugurtha. (2015). Spatial Proximity and Dependency to Model Urban Travel Demand. *Journal of Urban Planning and Development*, (in press).
4. Pulugurtha, Srinivas S., Rahul C. Pinnamaneni, Venkata R. Duddu and R. M. Zahid Reza. (2015). Comparative Evaluation of Technologies and Data Sources to Capture Travel Time at Section-Level on Urban Streets. *Journal of Transportation Research Forum*, Vol. 54, No. 3, pp. 5-22.
5. Washing, E. Matthew and Srinivas S. Pulugurtha. (2015). Energy Demand and Emission Production Comparison of Electric, Hydrogen, and Hydrogen-Hybrid Light Rail Trains. *International Journal of Rail Transportation*, Vol. 4, No. 1, pp. 55-70.

**Recent Professional Development Activities:**

- TRB 2015 and TRB 2014 Annual Meeting, Washington, DC
- Transportation Land Use Air Quality Conference, Charlotte, NC, 2014
- 2014 T&DI World Congress, Orlando, FL
- 2014 ASCE T&DI Leadership Workshop, Tampa, FL