

## Curriculum Vitae

Aleksandar Stevanovic  
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### Education:

- Ph.D. Civil and Environmental Engineering  
University of Utah, Salt Lake City, December 2005  
Dissertation: *Assessing Deterioration of Pretimed, Actuated-Coordinated, and SCOOT Control Regimes in Simulation Environment*
- M.S. Civil and Environmental Engineering  
University of Utah, Salt Lake City, August 2003  
Thesis: *The Interstate 15 Design-Build Reconstruction: Evaluation of the User Delays*
- B.S.\* Faculty of Transport and Traffic Engineering  
University of Belgrade, Serbia, May 1998  
Thesis: *Study of Information Flows at the Belgrade International Airport*

\* A five-year program with B.S. thesis equivalent to (and nowadays officially recognized as) a M.Sc. program at the Air Transportation Department, College of Transport and Traffic Engineering, University of Belgrade, Serbia.

### Employment:

- 07/2009-present: **Assistant Professor**, Department of Civil, Environmental and Geomatics Engineering, Florida Atlantic University, Boca Raton, FL.
- 05/2007-06/2009: **Research Assistant Professor**, Department of Civil and Environmental Engineering, University of Utah, Salt Lake City, UT.
- 01/2006-05/2007: **Post Doctoral Research Associate**, Utah Traffic Lab, Civil and Environmental Engineering, University of Utah, Salt Lake City, UT.
- 01/2001-01/2006: **Research Assistant**, Utah Traffic Lab, Civil and Environmental Engineering, University of Utah, Salt Lake City, UT. Advisor: Dr. Peter T. Martin.
- 02/2000-01/2001: **Research Assistant**, Civil and Environmental Engineering, University of Delaware, Newark, DE. Advisor: late Dr. Shinya Kikuchi.
- 06/1998-02/2000: **Flight Operations Engineer**, Yugoslav Airlines, Belgrade, Serbia.

**Residence:** United States

**P.E. license:** P.E. License with the State of Utah (License #: 7124750-2202).

**Publications:***Published Refereed Journal Papers*

1. Stevanovic, A.Z., Olarte, C.L., Gallettebeitia, A., Gallettebeitia, B., and Kaisar, E. (2014). "Testing Accuracy and Reliability of MAC Readers to Measure Arterial Travel Times." *International Journal of Intelligent Transportation Systems Research*: Vol. 13, Issue 1 (2015), 50-62.
2. Jolovic, D., Stevanovic, A.Z., and Stevanovic, J. "Evaluation of a Practical Traffic Responsive Pattern Selection Signal System in Field-Like Simulation Environment." *Journal of Road and Traffic Engineering – Journal of the Road Association of Serbia "Via Vita"*, Vol. 59, No. 4 (2014) 5-10.
3. Parr, S., Kaisar, E., and Stevanovic, A. (2014). "Application of Transit Signal Priority for No-Notice Urban Evacuation." *Nat. Hazards Rev.*, 15(2), 167–170. Technical Note.
4. Shourijeh, M.T., Faghri, A., and Stevanovic, A.Z. "A Simulation-Based Planning Framework for Choosing Where to Implement Bus Signal Priority in Mixed-Mode Operations." *Transportation Research Record, Journal of the Transportation Research Board*, No. 2352 (2013) 31-40.
5. Stevanovic, A.Z., Stevanovic, J., and Kergaye, C. (2013). "Green Light Optimized Speed Advisory Systems - Impact of Signal Phasing Information Accuracy." *Transportation Research Record, Journal of the Transportation Research Board*, No. 2390 (2013) 53-59.
6. Stevanovic, A.Z., Kergaye, C., and Haigwood, J. "Assessment of Safety Benefits of an Adaptive Traffic Control System." *Journal of Road and Traffic Engineering – Journal of the Road Association of Serbia "Via Vita"*, No. 1 (2013) 5-11.
7. Parr, S.A., Mitrovic, N., and Stevanovic, A.Z. "Evaluating landside transportation operations for general aviation airports: estimating vehicle efficiency and pedestrian safety." *World Review of Intermodal Transportation Research*, Vol. 4 No. 1 (2013) 1-22.
8. Stevanovic, A.Z., Stevanovic, J., and Kergaye, C. "Optimizing Signal Timings to Improve Safety of Signalized Arterials." *Transportation Research C - Vol. 32* (2013) 159-178.
9. Stevanovic, A.Z., Kergaye, C., and Stevanovic, J. "Long-Term Benefits of Adaptive Traffic Control under Varying Peak-hour Weekday Traffic Flows." *Transportation Research Record, Journal of the Transportation Research Board*, No. 2311 (2012) 99-107.
10. Zlatkovic, M., Stevanovic, A.Z., Martin, P.T., and Tasic, I. "Evaluation of Transit Signal Priority Options for the Future 5600 W Bus Rapid Transit Line in West Valley City, UT." *Transportation Research Record, Journal of the Transportation Research Board*, No. 2311 (2012) 176-185.
11. Zlatkovic, M., Stevanovic, A.Z., and Martin, P.T. "Development and Evaluation of an Algorithm for Resolving Conflicting Transit Signal Priority Calls." *Transportation*

- Research Record, Journal of the Transportation Research Board, No. 2311 (2012) 167-175.
12. Stevanovic, A.Z., Kergaye, C., and Kaiser, E. "Field Evaluation of Signal Timings Developed by a Stochastic Signal Optimization Tool." Journal of Road and Traffic Engineering – Journal of the Road Association of Serbia "Via Vita", No. 1 (2012) 5-11.
  13. Stevanovic, A.Z., Kergaye, C., and Stevanovic, J. "Evaluating Robustness of Signal Timings for Conditions of Varying Traffic Flows." Transportation Research Record, Journal of the Transportation Research Board, No. 2259 (2011) 141-150.
  14. Zlatkovic, M., Martin, P.T., and Stevanovic, A.Z. "Predictive Priority for Light Rail Transit: University Light Rail Line in Salt Lake County, UT." Transportation Research Record, Journal of the Transportation Research Board, No. 2259 (2011) 168-178.
  15. Chaudhuri, P., Stevanovic, A.Z., and Martin, P.T. "Assessing the Accuracy and Reliability of Freeway Traffic Monitoring Stations using GPS Probe Vehicle Speed Data." World Review of Intermodal Transportation Research, Vol. 3 No.4 (2011) 338-352.
  16. Chaudhuri, P., Martin, P.T., Stevanovic, A.Z., and Zhu, C. "The Effects of Detector Spacing on Travel Time Prediction on Freeways." World Academy of Science, Engineering and Technology Vol. 4 (2010) 06-25.
  17. Mulandi, J., Stevanovic, A.Z., and Martin, P.T. "Cross-Evaluation of Signal Timing Optimized by Various Traffic Simulation and Signal Optimization Tools." Transportation Research Record, Journal of the Transportation Research Board, No. 2192 (2010) 147-155.
  18. Kergaye, C., Stevanovic, A.Z., and Martin, P.T. "Comparative Evaluation of Adaptive Traffic Control System Assessments through Field and Microsimulation." Journal of Intelligent Transportation Systems, Vol. 14, No. 2 (2010) 109-114.
  19. Zlatkovic M., Stevanovic, A.Z., Cevallos, F., and Johnson, H. "35M MAX: the first bus rapid transit system in Salt Lake County." World Review of Intermodal Transportation Research, Vol. 3 Nos. 1/2 (2010) 103-120.
  20. Stevanovic, A.Z., Stevanovic, J., Zhang, K., and Batterman, S. "Optimizing Traffic Control to Reduce Fuel Consumption and Vehicular Emissions: An Integrated Approach of VISSIM, CMEM, and VISGAOST." Transportation Research Record, Journal of the Transportation Research Board, No. 2128 (2009) 105-113.
  21. Stevanovic, A.Z., Stevanovic, J., and Martin, P.T. "Optimizing Signal Timings from Field – VISGAOST and VISSIM-ASC/3 Software-in-the-Loop Simulation." Transportation Research Record, Journal of the Transportation Research Board, No. 2128 (2009) 114-120.
  22. Stevanovic, A.Z., Abdel-Rahim, A., Zlatkovic, M. and Amin, E. "Microscopic Modeling of Traffic Signal Operations: Comparative Evaluation of Hardware-in-the-Loop and Software-in-the-Loop Simulations." Transportation Research Record, Journal of the Transportation Research Board, No. 2128 (2009) 143-151.

23. Kergaye, C., Stevanovic, A.Z., and Martin, P.T. "Comparison of Before/After versus On/Off Adaptive Traffic Control Evaluations: Park City Case Study." *Transportation Research Record, Journal of the Transportation Research Board*, No. 2128 (2009) 192-201.
24. Cottrell, D.W., Bryan, S., Chilukuri, B.R., Kalyani, V., Stevanovic, A., and Wu, J. "Transportation Infrastructure Maintenance Management: Case Study of a Small Urban City." *Journal of Infrastructure Systems ASCE*, Vol. 15 No. 2 (2009) 120-132.
25. Stevanovic A.Z., Martin P.T. "SCOOT and Coordinated Actuated Traffic Control Evaluated through Microsimulation". *Transportation Research Record, Journal of the Transportation Research Board*, No. 2080 (2008) 48-56.
26. Stevanovic, J., Stevanovic, A.Z., Martin, P.T., Bauer, T. "Stochastic Optimization of Traffic Control and Transit Priority Settings in VISSIM". *Transportation Research C*, Vol. 16 No. 3 (2008) 332-349.
27. Stevanovic, A.Z., Martin, P.T. "An Assessment of the Suitability of Microsimulation as a Tool for the Evaluation of Macroscopically Optimized Traffic Signal Timings." *Journal of Transportation Engineering ASCE*, Vol. 134 No. 2 (2008) 59-67.
28. Stevanovic, A.Z., Martin, P.T., and Stevanovic, J. "VISGAOST: VISSIM-based Genetic Algorithm Optimization of Signal Timings." *Transportation Research Record, Journal of the Transportation Research Board*, No. 2035 (2007) 59-68.
29. Vladislavljevic, I., Martin, P.T., and Stevanovic, A.Z. "Integration of Mathematical and Physical Simulation to Calibrate Car-Following Behavior of Unimpaired and Impaired Drivers." *World Review of Intermodal Transportation Research*, Vol. 1 No. 4 (2007) 403-418.
30. Stevanovic A.Z., Martin P.T., Disegni R. "Comparative Analysis of Travel Impacts between the Design Build and Traditional Building Methods". *Journal of Transportation Engineering ASCE*, Vol. 131 No. 9 (2005) 708-716.

*Papers Submitted for Publication in Refereed Journals*

1. Hale, D.K., Park, B., Stevanovic, A., Su, P., Ma, J. (2014). "Optimality versus Run Time for Isolated Signalized Intersections." Conditionally accepted for publication in *Transportation Research C* (Call for papers in special issue on Optimization (OPT-i)).
2. Stevanovic, A., Stevanovic, J., So, J., and Ostojic, M. (2014). "Multi-Criteria Optimization of Traffic Signals: Mobility, Safety and Environment." Conditionally accepted for publication in *Transportation Research C* (Call for papers in special issue on Optimization (OPT-i)).
3. Stevanovic, A.Z., Zlatkovic, M., Stevanovic, J., Kergaye, C., Ostojic, M., and Tasic, M. I. (2014). "Multimodal Traffic Control for Large Urban Networks with Special Priority for Light Rail Transit." Accepted for presentation at the 94th TRB Annual Meeting, under review for publication in *Transportation Research Record*.

4. So, J., Stevanovic, A.Z., and Ostojic, M. (2014). "A Methodology to Estimate Volume to Capacity Ratios at Traffic Signals Based on Upstream Link Travel Times. Submitted for publication in Transportation Research C (Call for papers in "Big Data in Transportation and Traffic Engineering").
5. So, J., Stevanovic, A.Z. and Kergaye, C. (2014). "Variations in Travel Times by the Degree of Data Aggregation and Measuring Technique." Submitted for publication in IET Intelligent Transport Systems (Paper invited through the ITS World Congress (Detroit, USA) post-conference selection process).
6. Jolovic, D., Stevanovic, A.Z., Martin, P.T., and Glavic, D. "Optimal Design of Traffic Signal Phasing - Evaluation of Safety and Efficiency." Submitted for publication in IATSS Research – a journal of International Association of Traffic and Safety Sciences.

#### *Peer Reviewed Conference Papers*

1. Zlatkovic, M., Stevanovic, A.Z., Tasic, M. I., and Ostojic, M. (2014). "Multimodal Corridors Assessment with Transit Priority Enhancements: Case Study of the Future Airport Light Rail Line in Salt Lake City." Accepted for presentation at the 94<sup>th</sup> TRB Annual Meeting.
2. So, J., Stevanovic, A.Z., and Koonce, P.J.V. (2014). "Estimating Performance of Traffic Signals based on Link travel Times." Accepted for presentation at the 94<sup>th</sup> TRB Annual Meeting.
3. So, J., Stevanovic, A.Z. and Kergaye, C. (2014). "Variability in Travel Time Measurement Studies by the Degree of Data Aggregation." Presented at the 21<sup>st</sup> World Congress on Intelligent Transportation Systems, September 7-11, Detroit, USA.
4. So, J., Stevanovic, A.Z., Posadas, E. and Awad, R. (2014). "Field Evaluation of a Synchro Green Adaptive Signal System." Presented at 2<sup>nd</sup> T&DI Congress, June 8-11, 2014 in Orlando, FL.
5. Hale, D.K., Park, B., and Stevanovic, A.Z. (2014). "Optimality Versus Run Time for Isolated Signalized Intersections". Presented at the International Conference on Engineering and Applied Sciences Optimization, June 4-6, Kos Island, Greece.
6. Stevanovic, A.Z., Zlatkovic, M., Stevanovic, J., Kergaye, C., Tasic, I. and Ostojic, M. (2014). "Partial Traffic Signal Optimization for Large Multimodal Networks with Predictive Priority Strategies for Light Rail Transit." Presented at the International Symposium of Transport Simulation, June 1-4, Ajaccio, Corsica, France.
7. Stevanovic, A.Z., Stevanovic, J., and Kergaye, C. (2014). "Comparative Evaluation of Benefits from Traffic Signal Retiming and Green Light Optimized Speed Advisory Systems." Presented at 93<sup>rd</sup> TRB Annual Meeting, Transportation Research Board, Washington D.C.
8. Kergaye, C., Stevanovic, A.Z. and Jolovic, D. (2014). "A Review of Traffic Management Center Practices for Contemporary Technological and Service Improvements." Presented at 93<sup>rd</sup> TRB Annual Meeting, Transportation Research Board, Washington D.C.

9. Zlatkovic, M., and Stevanovic, A.Z. (2014). "Assessment of Impacts of Increased Train Frequency and Predictive Transit Priority on a LRT Corridor in Salt Lake City." Presented at 93<sup>rd</sup> TRB Annual Meeting, Transportation Research Board, Washington D.C.
10. Stevanovic, A.Z., and Zlatkovic, M. "Comparative Evaluation of InSync and TOD Signal Timings in Microsimulation Environment." Presented at the 20<sup>th</sup> World Congress on Intelligent Transportation Systems, October 14-18, 2013, Tokyo, Japan.
11. Stevanovic, A.Z., Stevanovic, J., and Kergaye, C. (2013). "Comparative Evaluation of Benefits from Traffic Signal Retiming and Green Light Optimized Speed Advisory Systems." Presented at the "Mobil.TUM 2013 – ITS for Connected Mobility" conference.
12. Stevanovic, A.Z. and Zlatkovic, M. (2012). "Evaluation of InSync Adaptive Traffic Signal Control in Microsimulation Environment." Presented at 92<sup>nd</sup> TRB Annual Meeting Transportation Research Board, Washington D.C.
13. Reza, Z., Zlatkovic, M., and Stevanovic, A.Z. (2012). "Effects of Queue Jumpers and Transit Signal Priority on Bus Rapid Transit." Presented at 92<sup>nd</sup> TRB Annual Meeting Transportation Research Board, Washington D.C.
14. Jolovic, D. and Stevanovic, A.Z. (2013). "Evaluation of VISSIM and FREEVAL to Assess an Oversaturated Freeway Weaving Segment." Presented at 92<sup>nd</sup> TRB Annual Meeting Transportation Research Board, Washington D.C.
15. Stevanovic, A.Z., and Gundogan, F. "Calibration of micro-simulation models for ITS applications." Presented at the 19<sup>th</sup> World Congress on Intelligent Transportation Systems, October 22-26, 2012, Vienna, Austria.
16. Jolovic, D., Stevanovic, A.Z., Rodriguez, J., and Kaiser, E. (2012). "Using Microsimulation and NGSIM Data Set to Validate HCM Methodology for Oversaturated Freeway Weaving Segments." Presented at the Traffic Flow Theory summer meeting, June 19-22, Ft. Lauderdale, FL.
17. Stevanovic, A.Z., Stevanovic, J., and Jolovic, D. (2012). "Retiming Traffic Signals to Minimize Surrogate Safety Measures on Signalized Road Networks." Presented at the 91<sup>st</sup> TRB Annual Meeting, Transportation Research Board, Washington D.C.
18. Stevanovic, A.Z., Kergaye, C., and Stevanovic, J. (2012). "Environmental Benefits of an Adaptive Traffic Control System: Assessment of Fuel Consumption and Vehicular Emissions." Presented at the 91<sup>st</sup> TRB Annual Meeting, Transportation Research Board, Washington D.C.
19. Mitrovic, N., Stevanovic, A.Z., and Jolovic, D. (2012). "Evaluating Traffic Impacts at LRT At-Grade Crossings using Schedule Design." Presented at the 91<sup>st</sup> TRB Annual Meeting, Transportation Research Board, Washington D.C.
20. Stevanovic, A.Z., Olarte, C.L., Gallettebeitia, A., Gallettebeitia, B., and Kaiser, E. "Testing Accuracy and Reliability of MAC Readers to Measure Arterial Travel Times."

- Presented at the 18<sup>th</sup> World Congress on Intelligent Transportation Systems, October 16-20, 2011, Orlando, FL.
21. Stevanovic, A.Z., Kergaye, C., and Kaiser, E. "Field Evaluation of Signal Timings Developed by a Stochastic Signal Optimization Tool." Presented at the 18<sup>th</sup> World Congress on Intelligent Transportation Systems, October 16-20, 2011, Orlando, FL.
  22. Stevanovic, A.Z., Kergaye, C., and Haigwood, J. "Assessment of Safety Benefits of an Adaptive Traffic Control System." Presented at the 3rd International Conference on Road Safety and Simulation, September 14-16, 2011, Indianapolis, Indiana, USA.
  23. Stevanovic, A.Z., Stevanovic, J. and Kergaye, C. "Optimizing Signal Timings to Improve Safety of Signalized Arterials." Presented at the 3rd International Conference on Road Safety and Simulation, September 14-16, 2011, Indianapolis, Indiana, USA.
  24. Stevanovic, A.Z., Stevanovic, J., Kergaye, C., and Martin, P. "Traffic Control Optimization for Multi-Modal Operations in a Large-Scale Urban Network." Presented at 2011 IEEE Forum on Integrated and Sustainable Transportation Systems, June 29<sup>th</sup> – July 1<sup>st</sup>, 2011, Vienna, Austria.
  25. Parr, S.A., Kaiser, E., and Stevanovic, A. "Examining the Level of Service Consequence of Transit Signal Priority during Urban Evacuation." *Procedia Social and Behavioral Sciences* 16 (2011) 588–599 (6th International Symposium on Highway Capacity and Quality of Service Stockholm, Sweden June 28 – July 1, 2011).
  26. Stevanovic, A., and Kergaye, C. (2010). "Evaluating Suitability of Microsimulation as a Tool to Replicate Variations in Field Traffic Flows." Presented at Traffic Flow Theory and Characteristics Committee (AHB45) Summer Meeting, July 7-9, 2010, Annecy, France.
  27. Chaudhuri, P., Martin, P.T., Stevanovic, A.Z., and Zhu, C. (2010). "The Effects of Detector Spacing on Travel Time Prediction on Freeways." Presented at ICURPT 2010: International Conference on Urban, Regional Planning and Transportation, June 28-30, 2010, Paris, France.
  28. Zlatkovic, M., Martin, P.T., and Stevanovic, A.Z. (2010). "Evaluation of Transit Signal Priority in RBC and ASC/3 Software-in-the-Loop Simulation Environment." Presented at the 89<sup>th</sup> TRB Annual Meeting, Transportation Research Board, Washington D.C.
  29. Nadimpalli, B., Martin, P.T., Chaudhuri, P., and Stevanovic, A.Z. (2010). "Road User Impacts Due to Speed Limit Reduction in Work Zones Which Tool Is Best: QuickZone or VISUM?" Presented at the 89<sup>th</sup> TRB Annual Meeting, Transportation Research Board, Washington D.C.
  30. Farhan, M., Stevanovic, A.Z., and Martin, P.T. (2010). "A Practical Perspective on the Benefits of Combined Traffic Assignment and Control Method." Presented at the 89<sup>th</sup> TRB Annual Meeting, Transportation Research Board, Washington D.C.
  31. Stevanovic, A.Z., Kergaye, C., and Martin, P.T. (2009). "SCOOT and SCATS: A Closer Look into Their Operations." Presented at the 88<sup>th</sup> TRB Annual Meeting, Transportation Research Board, Washington D.C.

32. Stevanovic, A.Z., Kergaye, C., and Martin, P.T. (2008). "A Field Evaluation of SCATS Adaptive Control in Park City, UT". Presented at the 15th World Congress on Intelligent Transportation Systems, New York, November 16-20, 2008.
33. Kergaye, C., Stevanovic, A.Z., Martin, P.T. (2008) "An Evaluation of SCOOT and SCATS through Microsimulation". Presented at 10th International Conference on Applications of Advanced Technologies in Transportation, Athens, Greece, May 2008.
34. Qi, C., Hou, Z-S., and Stevanovic, A. (2008) "A Self-adjusting Urban Traffic Control", Transportation and Development Innovative Best Practices (Proceedings of the 1<sup>st</sup> International Symposium on Transportation and Development Innovative Best Practices, Beijing, China, April 2008), pp. 302-307.
35. Vladislavljevic, I., Martin, P.T., Jovanovic, D. and Stevanovic, A.Z. (2008). "Evaluation of the Effectiveness of High Occupancy/Toll (HOT) Lanes on the I-15 in the Salt Lake City Metropolitan Region". Paper presented at 87<sup>th</sup> TRB Annual Meeting, Transportation Research Board, Washington D.C.
36. Stevanovic, A.Z., and Martin, P.T. (2006). "Assessing the Ageing of Pretimed Traffic Signal Control Using Synchro and SimTraffic." Paper presented at 85<sup>th</sup> TRB Annual Meeting, Transportation Research Board, Washington D.C.
37. Stevanovic, A.Z., Martin, P.T. (2006). "Evaluating the Reliability of Macroscopically Optimized Timing Plans Through Microsimulation." Paper presented at 85<sup>th</sup> TRB Annual Meeting, Transportation Research Board, Washington D.C.
38. Martin, P.T., Stevanovic, A.Z., and Lahon, D. (2006). "Developing a Forecasting Model for Managed Lanes Using Data from Utah's High Occupancy Vehicle (HOV) Lanes." Paper presented at 85<sup>th</sup> TRB Annual Meeting, Transportation Research Board, Washington D.C.
39. Lahon, D., Martin, P.T., Stevanovic, A.Z. (2005). "Traffic Impact, Safety Assessment and Public Acceptance of the High Occupancy Vehicle (HOV) Lanes in Utah's Salt Lake Valley." Paper presented at 84<sup>th</sup> TRB Annual Meeting, Transportation Research Board, Washington D.C.

*Conference Papers Reviewed by Abstract*

1. Ostojic, M., Stevanovic, A.Z., Zlatkovic, and M., Tasic, I. (2014). "Evaluation of the impacts of Light Rail Transit Predictive Priority on Multimodal Operations in Salt Lake City Downtown." To be presented at the 15<sup>th</sup> PTV User Group Meeting, October 7-8, Orlando, FL.
2. Stevanovic, A.Z., Zlatkovic, M., and Kergaye, C. (2014). "Operational Benefits of an Adaptive Signal Control Technology for Irregular Traffic Conditions." To be presented at the 11<sup>th</sup> International Congress on Advances in Civil Engineering, October 21-25, Istanbul, Turkey.

3. Stevanovic, A.Z. and Zlatkovic, M. (2014). "Operational Benefits of InSync Adaptive Signal Control for Nonrecurring Traffic Conditions." To be presented at the 21<sup>st</sup> World Congress on Intelligent Transportation Systems, September 7-11, Detroit, USA.
4. Zlatkovic, M., Tasic, I. Stevanovic, A.Z., and Ostojic, M. (2014). "Assessment of LRT and TSP Impacts on Urban Corridors in Salt Lake City." To be presented at the Intermountain Section ITE Annual Meeting, May 15-17, Jackson, WY.
5. Kergaye, C. and A.Z., Stevanovic (2013). "Highlights of Technological and Service Improvements for the UDOT Traffic Operation Center." Presented at the 9<sup>th</sup> ITS European Congress, Dublin, Ireland, June 4-7, 2013.
6. Stevanovic, A.Z., Stevanovic, J. and Kergaye, C. (2013). "Comparative Evaluation of Traffic Signal Optimization and Green Light Optimized Speed Advisory Systems." Presented at Mobil.TUM 2013 – International Scientific Conference on Mobility and Transport "ITS for Connected Mobility", 18-19 June 2013, Munich, Germany.
7. Chaudhuri, P., Stevanovic, A.Z., Stevanovic, J., and Martin, P.T. (2009). "Using Probe Vehicle Speed Data to Assess the Accuracy and Reliability of the Traffic Monitoring Stations on Freeways." Presented at the 16<sup>th</sup> World Congress on Intelligent Transportation Systems, Stockholm, Sweden, 2009.
8. Stevanovic, A.Z. (2009). "Review of Adaptive Traffic Control Deployments in Larger Cities." Presented at Mobil.TUM 2009 – International Scientific Conference on Mobility and Transport, 12-13 May 2009, Munich, Germany.
9. Vladislavljevic, I., Martin, P.T., and Stevanovic, A.Z. (2008). "A Six-Month Traffic Flow Evaluation of a High-Occupancy/Toll Lane Experiment on the I-15 in the Salt Lake City Metropolitan Region", Presented at the Freeway and Tollway Operations Conference, TRB/IPTTA, Fort Lauderdale, Florida, June 15-19, 2008.
10. Martin, P.T., Stevanovic, A.Z., and Dwivedi R. (2005). "Analyzing the Long Range Travel Impact of State Transportation Improvement Projects Using Travel Demand Modeling", Presented at the Institute of Transportation Engineers District 6 Annual Meeting (3rd place paper), April 20, 2005, Salt Lake City, Utah.

#### *Papers in Preparation*

1. Stevanovic, A.Z., Stevanovic, J., Kergaye, C. and Ostojic, M. "Impact of Green Light Optimized Speed Advisory Systems on Surrogate Safety Measures of Arterials." Submitted as an abstract for Road Safety & Simulation International Conference, Orlando, FL, October 6-8, 2015.
2. Jolovic, D., Stevanovic, A., Martin, P. T. "Combined Impact of Signal Phasing and Timing on Type and Severity of Vehicular Conflicts." Submitted as an abstract for Road Safety & Simulation International Conference, Orlando, FL, October 6-8, 2015.
3. Stevanovic, A.Z., Zlatkovic, M., Dakic, I. and Kergaye, C. "Evaluation of Adaptive Traffic Control through Performance Metrics based on High-Resolution Controller Data" To be submitted to the "Mobil.TUM 2015" - International Scientific Conference on

- Mobility and Transport – Technologies, Solutions and Perspectives for Intelligent Transport Systems, Munich, Germany, Jun 30- Jul 1, 2015.
4. Mladenovic, M.N., Stevanovic A.Z., and Glavic, D. “Guidelines for Development of Functional Requirements and Evaluation of Adaptive Traffic Control Systems.” To be submitted to the “Mobil.TUM 2015” - International Scientific Conference on Mobility and Transport – Technologies, Solutions and Perspectives for Intelligent Transport Systems, Munich, Germany, Jun 30- Jul 1, 2015.
  5. So, J., and Stevanovic, A.Z. “Identifying Traffic Signatures of Recurrent and Non-recurrent Traffic Events on Urban Arterials.” To be submitted to the ITS World Congress, Bordeaux, France, October 5-9, 2015.
  6. Stevanovic, A.Z., Zlatkovic, M., Dakic, I, and Kergaye, C. “When Adaptive Control brings more benefits - in recurring or nonrecurring traffic conditions?” To be submitted to the ITS World Congress, Bordeaux, France, October 5-9, 2015.
  7. Mladenovic, M.N., Stevanovic A.Z., and Stevanovic, J. (2014). “Traffic Signal Retiming for Irregular Network Configuration with Mixed User Flows: Stochastic Microsimulation Approach.” Paper’s destination to be determined.
  8. So, J., Ostojic, M., Stevanovic, A.Z., Sajjadi, S., and Ostojic, M. “Building, Calibrating, and Validating a Large-Scale High-Fidelity Microscopic Traffic Simulation Model.” Paper’s destination to be determined.

*Other Published Articles*

1. Stevanovic A.Z., (2014) “Simulation-Based Tools for Performance Measures of Signalized Arterials”, SimSub Newsletter, TRB Joint Traffic Simulation Subcommittee, AHB45(1), pp. 36-37, January 2014.
2. Parr, S., Kaiser, E., and Stevanovic, A.Z. (2011). “Methodology to Assist Transit Evacuations in Urban Settings.” Published online in Journal of Homeland Security.
3. Vladislavljevic I., Martin P.T., Stevanovic A.Z., (2007) “Integration of Mathematical and Physical Simulation to Calibrate Car-Following Behavior of Unimpaired and Impaired Drivers”, SimSub Newsletter, TRB Joint Traffic Simulation Subcommittee, AHB45(1), pp. 9-11, July 2007.
4. Martin P.T., Stevanovic A.Z., (2007) “Adaptive Traffic Control Systems in the Micro Simulation Environment”, SimSub Newsletter, TRB Joint Traffic Simulation Subcommittee, AHB45(1), pp. 12, July 2007.
5. Stevanovic J., Stevanovic A.Z., Martin P.T., (2007) “VISGAOST – Optimization Tool for Transit Signal Priority”, SimSub Newsletter, TRB Joint Traffic Simulation Subcommittee, AHB45(1), pp. 16-18, July 2007.

*Contractual Reports*

1. Stevanovic A.Z., Jolovic, D., Ostojic, M. "Identifying Potential Technological and Service Improvements for UDOT Traffic Operations Center – Phase 2." Utah Department of Transportation, August, 2014.
2. Zlatkovic, M., Stevanovic, A., Tasic, I., and Ostojic, M. "400 South Corridor Assessment Final Report." Utah Department of Transportation, May, 2014.
3. Stevanovic A.Z., Sajjadi, S., So, J. "Demand Based Signal Retiming." Florida Department of Transportation, January, 2014.
4. Stevanovic A.Z., Zlatkovic, M. "Comparative Evaluation of InSync and Time-of-Day Signal Timing Plans under Normal and Varied Traffic Conditions." Rhythm Engineering, January, 2013.
5. Stevanovic A.Z., Jolovic, D. "Identifying Potential Technological and Service Improvements for UDOT Traffic Operations Center." Utah Department of Transportation, September, 2012.
6. Stevanovic A.Z., Mitrovic, N. "Evaluation of Light Rail Transit Impact on Traffic Operations at 1300 S & 2100 S Arterials in Salt Lake City, UT." Utah Transit Authority, December 2010.
7. Stevanovic, A. Adaptive Traffic Control Systems: Domestic and Foreign State of Practice - NCHRP Project 20-5: Synthesis Topic 40-03 – Transportation Research Board of the National Academy of Sciences, 2010.
8. Martin P.T., Nadimpalli, B. and Stevanovic A.Z. "Seismic Vulnerability & Emergency Response Analyses of UDOT Lifelines." Utah Department of Transportation, UTL-0110-105, October 2009.
9. Stevanovic A.Z., Zlatkovic, M. Nadimpalli, B. "A Passenger Survey to Comparatively Evaluate MAX (BRT) Buses and Conventional UTA Buses." Utah Transit Authority, UTL-0908-98, September 2008.
10. Stevanovic A.Z., Zlatkovic, M. "Transit Signal Priority for Bus Rapid Transit on 3500 South." Utah Transit Authority, UTL-0208-97, June 2008.
11. Martin P.T., Stevanovic A.Z., Chaudhuri, P. "Evaluation of Optimal Traffic Monitoring Station Spacing on Freeways." Utah Department of Transportation, UTL-0208-95, May 2008.
12. Martin P.T., Stevanovic A.Z., "SCATS Evaluation in Park City, UT" (Adaptive Traffic Control V), Utah Department of Transportation, UTL-1107-92, December 2007.
13. Martin P.T., Stevanovic A.Z., VISUM Online (OTACHAT), Utah Department of Transportation, UTL-0306-86, December 2006.
14. Martin, P.T., Stevanovic, A. Z. "Evaluation of the Adaptive Traffic Control System in Park City, UT", UTL-0505-83, July 2006.

15. Martin P.T., Stevanovic A.Z., Adaptive Signal Control IV, Utah Department of Transportation, UTL-0505-83, June 2005.
16. Martin P.T., Stevanovic A.Z., I-15 Reconstruction in Ogden Utah, Evaluation of Various Traffic Maintenance Plans, Utah Department of Transportation, UTL-0305-82, June 2005.
17. Martin P.T., Lahon D., Stevanovic A.Z., Review of the Effectiveness of the High Occupancy Vehicle (HOV) Lanes Extension, Utah Department of Transportation, UTL-0405-79, June 2005.
18. Martin P.T., Lahon D., Cook K., Stevanovic A.Z., Traveler Information Systems, Evaluation of UDOT's ATIS Technologies, Utah Department of Transportation, UTL-0205-78, June 2005.
19. Martin P.T., Knopp M., Chen Y., "Delay On-Line", Utah Department of Transportation, UTL-0504-77, May 2004.
20. Martin P.T., Mitra A., Stevanovic A.Z., Evaluation Design-Build vs. Traditional Contracting Methods for STIP Projects, An Assessment of Travel Impact & Delay Cost, Utah Department of Transportation, UTL 06040-76 , June 2004.
21. Martin P.T., Lahon D., Stevanovic A.Z., High Occupancy Vehicle Lanes Evaluation II, Traffic Impact, Safety Assessment, and Public Acceptance, Utah Department of Transportation, UTL-1003-70, July 2004.
22. Martin P.T., Dharmavaram G., Stevanovic A.Z., Evaluation of UDOT's Video Detection Systems, System's Performance in Various Test Conditions, Utah Department of Transportation, UTL-1003-71, July 2004.
23. Martin P.T., Stevanovic A.Z., Adaptive Signal Control III, Utah Department of Transportation, UTL-1203-73, December 2003.
24. Martin, P.T., Stevanovic, A.Z., Disegni, R. "Assessing the user Impacts of Fast Track Highway Reconstruction", UTL-1001-50, July 2003.
25. Martin, P.T., Kalyani, V., Stevanovic, A.Z. "Evaluation of Advanced Warning Signs at High Speed Signal Intersections", UTL-0902-62, July 2003.
26. Martin, P.T., Perrin, J., and Stevanovic, A. "Evaluation of UTA TRAPEZE paratransit software", Utah Transit Authority, June 2001.
27. Kikuchi, S., Miljkovic, D., and Stevanovic, A. "A Model for Predicting Transit Ridership at Individual Stops", University of Delaware - Delaware Transportation Institute, Report # 128, December 2001.

## Conference and Seminar Presentations:

### *Moderated Sessions*

1. “Adaptive Signal Control Technologies in the World of Connected and Automated Vehicles” – A special interest session at Intelligent Transportation Systems World Congress, Detroit, MI, USA, September 7-11, 2014.
2. “Advances in Signal Timing” – 92<sup>nd</sup> Annual Meeting of the Transportation Research Board, Session 541, Washington, DC, January 13-17, 2013.
3. “AM05: User's Perspectives on Calibration and Validation of Traffic Simulation Models” – An annual meeting session at Intelligent Transportation Systems World Congress, Orlando, FL, USA, October 16-20, 2011.
4. “SS22: Adaptive Traffic Control Systems: Present and Future” – a special interest session at Intelligent Transportation Systems World Congress, Orlando, FL, USA, October 16-20, 2011.
5. “TS91: V2I Deployment Initiatives” – a technical/scientific session at Intelligent Transportation Systems World Congress, Orlando, FL, USA, October 16-20, 2011.
6. SimSub Subcommittee Meeting – Held at Traffic Flow Theory and Characteristics Committee (AHB45) Summer Meeting, July 7-9, 2010, Annecy, France.
7. “Emerging Issues in Traffic Signal Systems: Air Quality and Traffic Signal Systems in an IntelliDrive World” – Workshop sponsored by TRB Standing Committees AHB10 and AHB25, TRB 89th Annual Meeting, Washington DC, January 10-14, 2010.
8. “TS065 New business to attract service providers” – a technical session at Intelligent Transportation Systems World Congress, Stockholm, Sweden, September 21-25, 2009.

### *Webinars*

1. Stevanovic, A.Z. “Adaptive Signal Control Implementation.” Webinar “Adaptive Traffic Control Systems Approaches” organized by Institute of Transportation Engineers, October 14, 2014.
2. Stevanovic, A.Z. “Adaptive Signal Control Systems – Current Trends and Operational Benefits.” Webinar “Is ASCT Cost-Effective and Operationally Effective?” organized by Institute of Transportation Engineers, February 25, 2014.
3. Stevanovic, A.Z. “Adaptive Signal Control Systems – Current Trends and Operational Benefits.” Webinar “Is ASCT Cost-Effective and Operationally Effective?” organized by Institute of Transportation Engineers, December 4, 2013.
4. Stevanovic, A.Z. “Comparative Evaluation of InSync and Time-of-Day Signal Timing Plans.” Webinar Organized by Rhythm Engineering, May 29, 2013.
5. Stevanovic, A.Z. “Evaluation of InSync and TOD Signal Timings in Simulation.” Oregon ITE & ITS Simulation Roundtable, ODOT Region 1, April 10, 2013.

6. Stevanovic, A.Z. "Current Practice in Optimization of Signal Timings and Impact on Fuel Consumption." Webinar organized by Transportation Research Board, June 17, 2011.
7. Stevanovic, A.Z. "Understanding the Impacts of Microscopic Traffic Simulation Calibration." TRB Webinar: Microscopic Traffic Simulation Models – Why and How to Calibrate them?" Webinar organized by Transportation Research Board, May 11, 2011.
8. Stevanovic, A.Z. "Adaptive Traffic Control Systems: Domestic and Foreign State of Practice (NCHRP Synthesis 403)." Webinar Organized by Rhythm Engineering, June 24, 2010.

#### *Invited Presentations and Talks*

1. Stevanovic, A.Z. (2015). "Utilizing Connected-Vehicle-Like Data to Calibrate and Validate Microsimulation Models for Traffic Management Decision Support Systems." SimSub Workshop: Using Simulation for Decision Support Systems: Past, Present, and Future. To be presented at the 94th TRB Annual Meeting, January, 2015, Washington D.C.
2. Stevanovic, A.Z. (2015). "Traffic Signal Optimization based on Surrogate Safety." TSSC Simulation Subcommittee AHB25(3) Meeting. To be presented at the 94th TRB Annual Meeting, January, 2015, Washington D.C.
3. Stevanovic, A.Z. (2014). "Arterial Performance Measures: Monitoring and Triggering of Congestion Alarms." District 10/ FL State ITE Annual Meeting, November 5-7, 2014, Boca Raton, FL.
4. Stevanovic, A.Z. (2014). "Adaptive Signal Control - Cost Effectiveness and Operational Effectiveness." ITE Annual Meeting and Exhibit, August 10-13, 2014, Seattle, WA.
5. Stevanovic, A.Z. (2014). "Adaptive Traffic Control Systems - Current Trends and Future Developments." Seminar talk at Research Centre for Integrated Transport Innovation at the School of Civil and Environmental Engineering of the University of New South Wales, May 22, 2014, Sydney, Australia.
6. Stevanovic, A.Z. (2014). Speaker at the Final Conference Panel Session. Final Conference of the EU COST Action 'MULTITUDE', December 4-6, 2013, Naples, IT.
7. Stevanovic, A.Z. (2013). "Field Evaluation of Synchro Green on Glades Rd, in Boca Raton." ITS Florida Technical Forum, October 10-11, 2013, Orlando, FL.
8. Stevanovic, A.Z. (2013). "Evaluation of signal timings optimized by VISTRO – A case study." PTV User Group Meeting, October 1-2, 2013, Portland, OR.
9. Stevanovic, A.Z. (2013). "Comparative Evaluation of Traffic Signal Optimizations and Green Light Optimized Speed Advisory Systems." Traffic Signal Systems Committee (AHB25) Summer Meeting, July 21-23, 2013, Portland, OR.

10. Stevanovic, A.Z. (2013). "Adaptive Control for Extraordinary and Ordinary Conditions." ITE Northeastern District Annual Meeting, Northampton, MA, May 22-24, 2013.
11. Stevanovic, A.Z. (2013). "InSync Adaptive vs. Time-Of-Day Optimized Signal Timings." MOVITE Annual Spring Meeting, Kansas City, MO, April 24-26, 2013.
12. Stevanovic, A.Z. (2013). "Evaluating InSync Performance in Microsimulation." ITS America, 23<sup>rd</sup> Annual Meeting and Expo, Nashville, TN, April 22-24, 2013.
13. Stevanovic, A.Z. (2013). "Evaluating InSync Performance in Microsimulation – SR421 Volusia County, FL." 2nd Annual Traffic Event, Evans, GA, April 11, 2013.
14. Stevanovic, A.Z. (2012). "Evaluating InSync Performance in Microsimulation." Transpo 2012, Bonita Springs, FL, October 29, 2012.
15. Stevanovic, A.Z. (2012). "Two-stage Process to Make Your Adaptive Traffic Control Deployment a Success." ITS Florida Technical Forum, Orlando, FL, June 26, 2012.
16. Stevanovic, A.Z. (2012). "Simulating InSync Performance." GroupSync – InSync User Group Meeting, Kansas City, MO, June 14, 2012.
17. Stevanovic, A.Z. (2011). "User's Perspectives on Calibration and Validation of Traffic Simulation Models" – an annual meeting session at Intelligent Transportation Systems World Congress, Orlando, FL, October 16-20, 2011.
18. Stevanovic, A.Z. (2011). "Adaptive Traffic Control Systems: Present and Future" – a special interest session at Intelligent Transportation Systems World Congress, Orlando, FL, October 16-20, 2011.
19. Stevanovic, A.Z. (2011). "The Future of Transportation: An Academic Perspective." South Florida Women's Transportation Seminar, Sheraton, Ft. Lauderdale, FL, March 16, 2011.
20. Stevanovic, A.Z. (2011). "Current Practice in Optimization of Signal Timings and Impact on Fuel Consumption." Workshop: Simulation Modeling and Analysis of Effect of Operational Improvements on Greenhouse Gas Emissions: Integrating U.S. EPA MOVES Model and Other Power-Based Emission Models with Simulation Models, Transportation Research Board Annual Meeting, Washington D.C., January 2011.
21. Stevanovic, A.Z. (2010). "Adaptive Traffic Control Systems: Domestic and Foreign State of Practice." Intelligent Transportation Society of California – 2010 Annual Conference & Exhibition, Berkeley, CA, November 15-16, 2010.
22. Stevanovic, A.Z. (2010). "Retiming of Traffic Signals on Glades Rd." Broward County Transportation System Management & Operations Task Meeting, FDOT, Ft. Lauderdale, FL, June 17, 2010.
23. Stevanovic, A.Z. (2010). "Retiming of Traffic Signals on Glades Rd." – Palm Beach ASCE Chapter Meeting, Florida Atlantic University, Boca Raton, FL, April 13, 2010.

24. Stevanovic, A.Z. (2009). "Current Research on Retiming of Traffic Signals." Broward County Transportation System Management & Operations Task Meeting, FDOT, Ft. Lauderdale, FL, December 17, 2009.
25. Stevanovic, A.Z. (2009). "Adaptive Traffic Control Practices in US." ITS Florida Technical Forum, Orlando, FL, December 9, 2009.
26. Stevanovic, A.Z. (2009). "Optimizing Traffic Signal Timings to Reduce Fuel Consumption, Green House Gases, and Vehicular Emissions." Florida Energy Systems Consortium – Energy efficiency and conservation, education and outreach, policy. Tampa, FL.
27. Stevanovic, A.Z. (2009). "Role of Urban Traffic Control in Sustainable Transportation." Invitation to present at special session of the 16th ITS World Congress – "What can Urban Traffic Control really do to improve safety and protect the environment?" September 2009, Stockholm, Sweden.
28. Stevanovic, A.Z. (2009). "Sustainable Traffic Control – Present and Future." Presented at Traffic Signal Systems Committee Summer Meeting, July 2009, Raleigh, NC.
29. Stevanovic, A.Z. (2009). "Current State of Practice in Adaptive Traffic Control Systems." Presented at 3rd Meeting of German Road and Transportation Research Association's Working Group for Network Urban Traffic Control, May 14th 2009, Munich, Germany.
30. Zlatkovic, M.T., Stevanovic, A.Z., and Martin, P.T. (2009). "Vehicle Infrastructure Integration (VII) in VISSIM Applied to Signalized Intersection Operations." Presented at PTV Vision International Users Group Meeting, May 1, 2009, Portland, OR.
31. Stevanovic, A.Z. (2008). "Optimizing ASC/3 Signal Timings through SILS." Presented at Traffic Signal Systems Committee Summer Meeting, July 19-21, 2008, Livonia, MI.
32. Stevanovic, A.Z. (2008). "SCOOT and SCATS Adaptive Traffic Control Systems – Differences and Similarities." Presented at Traffic Operation Center, Belgrade Department of Transportation, May 20, 2008, Belgrade, Serbia.
33. Stevanovic, A.Z. and Martin, P.T. (2007). "Integration of SCOOT and SCATS in VISSIM Environment." Presented at PTV Vision International Users Group Meeting, May 24-25, 2007, Park City, UT.
34. Stevanovic, A.Z., Stevanovic, J., and Martin, P.T. (2007). "Optimization of Transit Signal Priority Settings and General Signal Timings Using VISGAOST – Woodward Avenue Case Study." Presented at PTV Vision International Users Group Meeting, May 24-25, 2007, Park City, UT.
35. Martin, P.T., Stevanovic, A.Z. (2007). "Applications and Benefits of Adaptive Traffic Control Systems in Oversaturated Conditions." Presented at the TRB Workshop on Operating Traffic Signal Systems in Oversaturated Conditions, January 21, 2007, Washington D.C.

36. Vladislavljevic, I., Stevanovic, A.Z., and Martin, P.T. (2006). "Integration of Physical and Mathematical Simulations to Assess the Impact of Drivers Making Cell Phone Conversations on the Car Following Behavior on Urban Freeways." Presented at PTV Vision International Users Group Meeting, May 18-19, 2006, St. Louis, MO.
37. Stevanovic, A.Z. (2006). "The First VISUM Online North-American Installation in the Utah Traffic Lab." Presented at PTV Vision International Users Group Meeting, May 18-19, 2006, St. Louis, MO.
38. Stevanovic, A.Z., Stevanovic, J., and Martin, P.T. (2006). "Optimization of Pre-Timed Signal Timing Plans Using Genetic Algorithms in VISSIM." Presented at PTV Vision International Users Group Meeting, May 18-19, 2006, St. Louis, MO.
39. Stevanovic, A.Z. (2004). "Adaptive Traffic Control Systems – Applications in the U.S." Presented at Biannual Conference of Traffic and Transportation Engineers at Traffic and Transportation College of the University of Belgrade, December 27-28, 2004, Belgrade, Serbia.

*Participation at Panels, Roundtables, and Workshops*

1. Panel for Concept of Operations for New Jersey Statewide Application of Adaptive Traffic Control Systems. New Jersey Department of Transportation, December 3, 2014, Trenton, NJ.
2. Infrastructure Night, October 23<sup>rd</sup>, Boca Raton. Member of the CEGE panel to meet with FL DOT Secretary Mr. Ananth Prasad.
3. The 1<sup>st</sup> Serbian Road Congress, June 5-6, 2014, Belgrade, Serbia. Member of Congress' Scientific Committee.
4. AASHTO Subcommittee on Systems Operations and Management, May 5-8, 2014, Nashville, TN.
5. Florida Automated Vehicle University Roundtable Meeting – February 6, 2014, Tallahassee, FL.
6. Florida Automated Vehicles Summit 2013 – November 14-15, Tampa, FL.
7. USDOT ITS University Workshop, September 26-27, 2013, Washington, D.C.
8. Traffic Signal Systems Committee (AHB25) Summer Meeting, July 21-23, 2013, Portland, OR.
9. 9<sup>th</sup> ITS European Congress, Dublin, Ireland, June 4-7, 2013.
10. 2nd Annual Traffic Event - April 11, 2013, Evans, GA.
11. UTC Conference for the Southeastern Region - April 4-5, 2013, Orlando, FL.
12. Tau Beta Pi District 5 Conference, March 2-3, 2013, Savannah, GA.

13. FHWA ATDM Workshop, June 18<sup>th</sup>, 2012, Ft. Lauderdale, FL.
14. GroupSync – InSync User Group Meeting, June 13-15, 2012, Kansas City, MO.
15. NCHRP Project 03-103 Focus Group Meeting, June 24, 2011, Orlando, FL, USA.
16. NCHRP Project 03-103, 2<sup>nd</sup> Panel Meeting, December 13, 2010, Irvine, CA.
17. NCHRP Project 03-103, 1<sup>st</sup> Panel Meeting, September 2-3, 2010, Washington DC.
18. Traffic Signal Systems Committee (AHB25) Summer Meeting, July 18-20, 2010, Moscow, ID.
19. National Science Foundation Workshop, Florida Institute of Technology, March 9, 2010, Melbourne, FL.

**Student Supervision:**

1. Ivana Vladislavljevic – PhD at University of Utah. Graduated in Spring 2009. Member of the supervisory committee.
2. Cameron Kergaye – PhD at University of Utah. Graduated in Spring 2009. Member of the supervisory committee.
3. Piyali Chaudhuri – PhD at University of Utah. Graduated in Spring 2011. Member of the supervisory committee.
4. Milan Zlatkovic – PhD at University of Utah. Graduated in Spring 2012. Member of the supervisory committee.
5. Benjamin Shepherd – MS at University of Utah. Graduated in Fall 2008. Member of the supervisory committee.
6. Milan Zlatkovic – MS at University of Utah. Graduated in Spring 2009. Member of the supervisory committee.
7. Bhagavan Raju Nadimpalli - MS at University of Utah. Graduated in Fall 2009. Member of the supervisory committee.
8. Linda Hess – MS at Florida Atlantic University. Graduated in Fall 2009. Member of the supervisory committee.
9. Scott Alexander Parr – MS at Florida Atlantic University. Graduated in Spring 2010. Member of the supervisory committee.
10. Steve Cherry – MS at Florida Atlantic University. Graduated in Spring 2010. Member of the supervisory committee.
11. Nikola Mitrovic – MS at Florida Atlantic University. Graduated in Spring 2011. Chair of the supervisory committee.

12. Claudia Olarte – MS at Florida Atlantic University. Graduated in Spring 2011. Member of the supervisory committee.
13. Alvaro Galletebeitia – MS at Florida Atlantic University. Graduated in Fall 2011. Member of the supervisory committee.
14. Borja Galletebeitia – MS at Florida Atlantic University. Graduated in Fall 2011. Member of the supervisory committee.
15. Ioannis Psarros – MS at Florida Atlantic University. Graduated in Spring 2012. Member of the supervisory committee.
16. Mary Anise – MS at Florida Atlantic University. Graduated in Spring 2012. Member of the supervisory committee.
17. Benazir Portal Palomo – MS at Florida Atlantic University. Graduated in Spring 2012. Member of the supervisory committee.
18. Dusan Jolovic – MS at Florida Atlantic University. Graduated in Spring 2012. Chair of the supervisory committee.
19. Reza Rashid – MS at Florida Atlantic University. Graduated in Summer 2012. Chair of the supervisory committee.
20. Konstantinos Kapetanakis - MS at Florida Atlantic University. Graduated in Spring 2014. Member of the supervisory committee.
21. Marija Ostojic – MS at Florida Atlantic University. From Fall 2013. Chair of the supervisory committee.
22. Soheil Sajjadi – Post-doctoral research associate. From June 2013. Supervisor.
23. Jaehyun So – Post-doctoral research associate. From June 2013. Supervisor.
24. Dusan Jolovic – PhD at New Mexico State University. From Fall 2013. Member of the supervisory committee.
25. Natasha Petrovska – PhD at Florida Atlantic University. From January 2014. Chair of the supervisory committee.
26. Igor Dakic – MS at Florida Atlantic University. From January 2015. Chair of the supervisory committee.

**Teaching** (*Courses Taught*):

- CGN 4930 – Computer Applications in Civil Engineering (FAU)
  - Spring 2013, Fall 2013
- CGN 6930 – Sustainable Transportation Systems (FAU)

- Spring 2012, Fall 2012
- TTE 3004 – Introduction to Transportation Engineering (FAU)
  - Fall 2011, Spring 2012, Fall 2012, Spring 2013, Fall 2013, Spring 2014, Fall 2014, Spring 2015
- CGN 6930 – Transportation System Analysis (FAU)
  - Fall 2010, Fall 2011, Spring 2013
- CGN 6930 – Quantitative Methods in Transportation Engineering
  - Spring 2015
- TTE 6815 – Highway Engineering (FAU)
  - Fall 2010, Spring 2014
- CGN 6930 – Traffic Signal Systems (FAU)
  - Fall 2014
- CGN 6930 - Seminar in Transp. Plan. & Management (FAU)
  - Spring 2010, Spring 2011
- TTE 6526 – Airport Planning & Design (FAU)
  - Spring 2010, Spring 2011
- CGN 2327 – Fundamentals of AutoCAD (FAU)
  - Fall 2009, Summer 2010, Spring 2012, Fall 2012
- CVEEN 5530/6530 – Quantitative Methods in Transportation (U of Utah)
  - Fall 2008
- CVEEN 7545 – Transportation Modeling (U of Utah)
  - Fall 2006, Fall 2007
- CVEEN 3520 – Traffic Engineering (U of Utah) – Fall 2006

### **Mentoring Awards:**

1. Jolovic, D. (2012). “Use of Microsimulation to Assess HCM 2010 Methodology for Oversaturated Freeway Weaving Segments.” Role – advisor of a student whose paper won the **1<sup>st</sup> prize for Gold Coast ITE Spring 2012 Book Scholarship Program.**
2. Reza, R.M.Z. (2012). “Impact of Queue Jumpers and Transit Signal Priority on Bus Rapid Transit.” Role – advisor of a student whose paper won the **2<sup>nd</sup> prize for Gold Coast ITE Spring 2012 Book Scholarship Program.**
3. Parr, S.A., Chery, S., Mitrovic, N., Olarte, C., Sanon, J., and Zhao, Y. (2010) “Improving Pedestrian and Traffic Flows to Accommodate Existing Environmental Requirements at Vero Beach General Aviation Airport.” Role - advisor to team of graduate students

whose paper won the **2<sup>nd</sup> place in Federal Aviation Authority Design Competition for Universities** (in the Airport Management and Planning Challenge).

#### *Teaching Workshops Attended*

1. USDOT ITS University Workshop, US Department of Transportation – Joint Program Office, September 25-26, 2014, Washington, D.C.
2. USDOT ITS University Workshop, US Department of Transportation – Joint Program Office, September 26-27, 2013, Washington, D.C.
3. Faculty Learning Community: Criteria and Strategies for Student Success During Their Academic Careers and Beyond, Center for Teaching and Learning, Florida Atlantic University, Fall 2013.
4. Faculty Learning Community: Teaching Online Courses for Creativity and Critical Thinking, Center for Teaching and Learning, Florida Atlantic University, Fall 2012.
5. CEL 1001 eLearning Designer/Facilitator Certification Course, Center for eLearning, Florida Atlantic University, Fall 2011.
6. Faculty Learning Community: Assessment, Center for Teaching and Learning, Florida Atlantic University, Fall 2011.
7. Faculty Learning Community: Quantitative Reasoning, Center for Teaching and Learning, Florida Atlantic University, Fall 2010.
8. Faculty Learning Community: Critical Thinking, Center for Teaching and Learning, Florida Atlantic University, Fall 2009.
9. Teaching the Millennial Learner (Part 2: Applying Specific Best Practices for Millennial Learners), Center for Teaching and Learning Excellence, University of Utah, January 30, 2009.
10. Maximizing the Effectiveness of Group Work in Higher Education, Center for Teaching and Learning Excellence, University of Utah, December 12, 2008.
11. Teaching the Millennial Learner (Part 1: Getting to Know the Millennial Learner), Center for Teaching and Learning Excellence, University of Utah, October 31, 2008.
12. Internationalizing Your Course at the University of Utah, Center for Teaching and Learning Excellence, University of Utah, September 26, 2008.
13. Preparing for the First Day Workshop, Center for Teaching and Learning Excellence, University of Utah, August 14, 2008.

#### *Research Trainings Attended*

1. Advanced SCATS Training, Roads and Maritime Services, New South Wales, Sydney, Australia, May 19-21, 2014.

2. Phase I SBIR/STTR Proposal Preparation Workshop, Boca Raton, FL, September 16, 2010.
3. Advanced VISSIM Training, PTV America, Orlando, FL, April, 2004.

**Awarded Research Grants (PI, Co-PI, or the first author (FA)):**

1. Manual on Performance of Traffic Signal Systems: Assessment of Operations and Maintenance, Florida Department of Transportation (\$ 220,919); September 2014 – June 2016. (PI)
2. Demand Based Signal Retiming – Real-World Implementation, Florida Department of Transportation (\$ 248,651); June 2013 – July 2015. (PI)
3. Identifying Potential Technological and Service Improvements for UDOT Traffic Operations Center, Phase 2, Utah Department of Transportation (\$ 15,050); June 2013 – June 2014. (PI)
4. 400 South Corridor Assessment Study – Utah Transit Authority and Utah Department of Transportation, flow through University of Utah (\$ 49,999); March 2013 – May 2014. (PI)
5. MRI: Development of Instrumentation to Support Multi-Technology Vehicular Networking Systems Research, National Science Foundation (\$ 472,577); August 2012 – July 2015. (Co-PI)
6. Demand Based Signal Retiming, Florida Department of Transportation (\$ 146,993); March 2012 – September 2013. (PI)
7. Prioritizing Plans for Structural Repair/Retrofit of Highway Appurtenances for fit Category-V Hurricanes based on the Criticality and Vulnerability of Urban Highways, (with D.V. Reddy, FAU), Florida Atlantic University Mentoring Program, (\$ 2,000); January 2012 – January 2013. (PI)
8. Identifying Potential Technological and Service Improvements for UDOT Traffic Operations Center, Utah Department of Transportation (\$ 18,794); November 2011 – June 2013. (PI)
9. Acquisition of SCATSIM - Software for Adaptive Traffic Control – Florida Atlantic University Technology Fee Grant (\$ 14,000); March 2011 – March 2013. (PI)
10. Evaluation of LRT impact on Traffic Operations at 1300 S & 2100 S Arterials in Salt Lake City – Utah Transit Authority and Florida Atlantic University (\$ 66,983); September 2009 – December 2010. (PI)
11. Adaptive Traffic Control Systems: Domestic and Foreign State of Practice - NCHRP Project 20-5: Synthesis Topic 40-03 – National Academy of Sciences (\$ 35,000); October 2008 – November 2009. (PI)

12. Evaluation of LRT and BRT Impact on Traffic Operations in Salt Lake City Metropolitan Region – Utah Transit Authority and Mountain-Plains Consortium (\$ 230,000); July 2008 – June 2010. (PI)
13. Express Lanes Genetic Algorithm Modeling and Evaluation (ELGAME2) – Utah Department of Transportation and Mountain-Plains Consortium (\$ 157,000); October 2007 – October 2008. (Co-PI)
14. Evaluation of the Bus Rapid Transit Line on 3500 South Corridor – Utah Transit Authority and Mountain-Plains Consortium (\$ 50,000); June 2007 – July 2008. (PI)
15. Seismic Vulnerability and Emergency Response Analyses of UDOT Lifelines – Utah Department of Transportation (\$ 40,000); June 2007 – July 2008. (Co-PI)
16. Calibration of the I-15 VISSIM model for the Evaluation of High Occupancy Toll (HOT) lanes – Utah Department of Transportation and Mountain-Plains Consortium (\$ 90,000); June 2006 - July 2007. (FA)
17. Evaluation of the Reconstruction Alternatives on 4500 S Corridor in Salt Lake Valley – Utah Department of Transportation (\$ 30,000); June 2007 – December 2007. (FA)

**Pending Research Grants (Submitted or *To be Submitted*):**

1. CAREER: Integrated Adaptive Traffic Control and Route Guidance under Heterogeneous Cooperative Vehicle Infrastructure Environment – National Science Foundation (\$533,370); September 2015 – September 2020. (PI)
2. Evaluation of Advanced Traffic Management Systems on SR 112/41<sup>st</sup> Street– City of Miami Beach (\$97,642); January 2015 – January 2016. (PI)
3. Accessing Information about Transportation Systems Management and Operations Performance Measurement – National Cooperative Highway Research Program (\$99,900); February 2015 – February 2016. (PI with Co-PIs from University of Maryland, University of Washington, and University of Florida).
4. *Development of Minimum Standards for Event-Based Data Collection Loggers and Performance Measure Definitions for Signalized Intersections, Florida Department of Transportation (\$ 250,000); February 2015 – May 2016. (PI)*
5. *400 South Corridor Assessment Study (Continuation) – Utah Transit Authority and Utah Department of Transportation, flow through University of Utah (\$51,500); February 2015 – February 2016. (PI)*
6. *Identifying Congestion Causes on Arterial Roadways – Insights from Two Case Studies, Leidos/Federal Highway Administration (\$50,000); January 2015 – June 2015. (PI)*

**Research Awards:**

1. Nominated for FAU Researcher of the Year 2014 Award, in category of Assistant Professors, by College of Engineering and Computer Science (only one nomination per category in each college). Runner-up at the university level.

2. FAU Distinguished Investigator for 2013. A recognition given by FAU Division of Research (Sponsored Program Office) to top 35 Principal Investigators university-wide.
3. Nominated for FAU Researcher of the Year 2013 Award, in category of Assistant Professors, by College of Engineering and Computer Science (only one nomination per category in each college). Passed departmental and college levels as the best researcher in the same category.

**Consulting Activity:**

1. Online Course on “Adaptive Traffic Control Systems” for Tech Transfer Program at the Institute of Transportation Studies, University of California, Berkeley. February 2015. Co-instructor.
2. Pershing Adaptive Traffic Control Project for the City of Stockton. Sub-consulting for Stantec. December 2014 - . Lead Evaluator of Adaptive Traffic Control Systems.
3. SCATS Professional Training for NJ DOT. Nov-Dec 2014. Sole instructor; developed and executed 5-day training course.
4. National ITS Architecture for Turkish General Directorate of Highways. Sub-consulting for EMAY International Engineering and Consultancy Inc. Nov 2013 – Dec 2014. Technical assistance to describe US ITS practices.
5. DDOT Transit Signal Priority Simulation Research for the District (of Columbia) Department of Transportation. Sub-consulting for Kittelson Associates Inc. May 2014 - . Technical assistance to develop optimal TSP timing plans.
6. Evaluation of Adaptive Signal Control Technologies for New Jersey Department of Transportation. November 2011 – February 2012. Principal Investigator.
7. Pilot Adaptive Traffic Control System (ATCS) for the South Fair Oaks Avenue Corridor (Pasadena). Sub-consulting for DKS Associates. December 2010. Lead Evaluator of Adaptive Traffic Control Systems.
8. Bellevue Advanced Traffic Management System. Sub-consulting for DKS Associates. June-December 2009. Lead Evaluator of Adaptive Traffic Control Systems.
9. Adaptive Traffic Control Systems: Domestic and Foreign State of Practice - NCHRP Project 20-5: Synthesis Topic 40-03 – National Academy of Sciences – October 2008 – November 2009. Principal Investigator.
10. Decatur Blvd (Las Vegas, NV) Rehabilitation Project: Reconstruction Impact on Traffic Operations. Prepared for SemMaterials. September - October, 2007. Principal Investigator.
11. SCOOT Professional Training – Two-day comprehensive training presented to traffic engineers of Orange and Collier counties in Florida. December 5-6, 2006. Co-Instructor.

**Auxiliary Appointments:**

1. University of California Berkeley, Tech Transfer Program at the Institute of Transportation Studies, Instructor; since 2014.
2. New Mexico State University, Graduate faculty scholar for PhD supervisory committees; since 2013.
3. University of Central Florida, Graduate faculty scholar for PhD supervisory committees; since 2010.
4. University of Utah, Graduate faculty scholar for PhD and MS supervisory committees; since 2006.

**Scholarly Service:***FAU Committees*

1. Member of the Florida Statewide Course Numbering System's Transportation and Logistics Discipline Committee.
2. Member of the FAU (University-wide) Engineering/Math Committee.
3. Member of the FAU College of Engineering and Computer Science Research Committee.
4. Member of the FAU College of Engineering and Computer Science Search Committee for Associate Dean for Research.
5. Member of the Department of Civil, Environmental, and Geomatics Engineering Graduate and Research Committee.
6. Member of the Department of Civil, Environmental, and Geomatics Engineering Resource Committee.

*Involvement in NCHRP Projects*

1. Member of the project panel on NCHRP 03-103 – Update of the Traffic Signal Timing Manual (2010-2012).
2. Member of the expert panel on NCHRP 03-97 – Traffic Signal Analysis with Varying Demands and Capacities (2010-2011).
3. Leader of the task group to develop NCHRP Research Problem Statements on behalf of the Traffic Signal Systems Committee (AHB25) 2008-2013. Initiated, developed, and submitted statements for several NCHRP projects which were funded.

*Reviewer of Journal Papers Submitted to (in alphabetic order):*

1. Advances in Engineering Software
2. Computer-Aided Civil and Infrastructure Engineering
3. Computers & Operations Research
4. IET Intelligent Transport Systems
5. IEEE Intelligent Transportation Systems Society Conference
6. IEEE Intelligent Transportation Systems Transactions and Magazine
7. International Journal of Sustainable Transportation
8. International Journal of Transportation
9. International Symposiums on Transportation and Traffic Theory
10. ITS America Annual Meeting
11. ITS World Congress
12. Journal of Advanced Transportation
13. Journal of Intelligent Transportation Systems
14. Journal of Transportation Engineering, ASCE
15. KSCE Journal of Civil Engineering (Korean)
16. Kuwait Journal of Science and Engineering
17. Put i saobraćaj (tran. Road and Traffic; a Serbian journal for road transportation)
18. Road Safety and Simulation Conference
19. Scientific Research and Essays
20. Transportmetrica B: Transport Dynamics
21. Transportation Research Board Annual Meeting papers
22. Transportation Research Part C

### *Membership*

1. Chair of Research Subcommittee of the TRB Committee of Traffic Signal Systems - AHB25, Transportation Research Board.
2. Member of Editorial Board of "Road and Traffic" - Serbian journal for road transportation.
3. Member, Committee of Traffic Signal Systems - AHB25, Transportation Research Board.
4. AHB25 Committee's liaison with ASCE Committee on Advanced Technology in Transportation.
5. Web Administrator and Member, Joint Simulation Sub-Committee - AHB45 (1), Transportation Research Board.

6. Eminent Engineer, Tau Beta Pi Florida Epsilon (inducted in fall 2012).
7. Member, Transportation Research Board (TRB)
8. Member, Institute of Transportation Engineers (ITE)
9. Member, American Society of Civil Engineers (ASCE)
10. Member, Transportation and Development Institute (TD&I)
11. Member of the ASCE Committee on Advanced Technology in Transportation.
12. Member of Intelligent Transportation Society of Florida.
13. Friend of several TRB committees (Traffic Flow Theory, Freeway Operations, Highway Capacity and Quality of Service, etc.), Transportation Research Board.
14. Former member, Institute for Operations Research and Management Sciences (INFORMS)
15. Former member of Florida Airport Council.

**Appearances in Media:**

1. Lore Khazem, "FAU networking research to improve road safety", University Press, FAU Newspaper, October 20, 2012. <http://upressonline.com/2012/10/fau-networking-research-to-improve-road-safety/>
2. Angel Streeter, "Glades Road in Boca Raton gets new traffic control, but little improvement", Sun Sentinel, February 1, 2014. <http://touch.sun-sentinel.com/#section/-1/article/p2p-79100908/>

**Participation at Professional Meetings & Conferences:**

1. Florida Automated Vehicles Summit 2014 – December 15, Orlando, FL.
2. Panel for Concept of Operations for New Jersey Statewide Application of Adaptive Traffic Control Systems. New Jersey Department of Transportation, December 3, 2014, Trenton, NJ.
3. District 10/ FL State ITE Annual Meeting, November 5-7, 2014, Boca Raton, FL.
4. Infrastructure Night, October 23<sup>rd</sup>, Boca Raton. Member of the CEGE panel to meet with FL DOT Secretary Mr. Ananth Prasad.
5. USDOT ITS University Workshop, US Department of Transportation – Joint Program Office, September 25-26, 2014, Washington, D.C.

6. Intelligent Transportation Systems World Congress, Detroit, MI, USA, September 7-11, 2014.
7. ITE Annual Meeting and Exhibit, August 10-13, 2014, Seattle, WA.
8. Traffic Signal Systems Committee (AHB25) Summer Meeting, July 23-24, 2014, Salt Lake City, UT.
9. FSITE Summer Meeting, Clearwater, FL, June 25-27, 2014.
10. The 1<sup>st</sup> Serbian Road Congress, June 5-6, 2014, Belgrade, Serbia.
11. International Symposium on Transport Simulation, June 1-4, Ajaccio, Corsica, France.
12. Advanced SCATS Training, Roads and Maritime Services, New South Wales, Sydney, Australia, May 19-21, 2014.
13. AASHTO Subcommittee on Systems Operations and Management, May 5-8, 2014, Nashville, TN.
14. Florida Automated Vehicle University Roundtable Meeting – February 6, 2014, Tallahassee, FL.
15. Transportation Research Board – 93<sup>rd</sup> Annual Meeting, January 12-16, 2014, Washington, D.C.
16. Final Conference of the EU COST Action ‘MULTITUDE’, December 4-6, 2013, Naples, Italy.
17. Florida Automated Vehicles Summit 2013 – November 14-15, Tampa, FL.
18. 20th ITS World Congress on Intelligent Transportation Systems, October 14-18, 2013, Tokyo, Japan.
19. ITS Florida Technical Forum, October 10-11, 2013, Orlando, FL.
20. PTV User Group Meeting, October 1-2, 2013, Portland, OR.
21. USDOT ITS University Workshop, September 26-27, 2013, Washington, D.C.
22. Traffic Signal Systems Committee (AHB25) Summer Meeting, July 21-23, 2013, Portland, OR.
23. Mobil.TUM 2013 - International Scientific Conference on Mobility and Transport “ITS for Connected Mobility”, 18-19 June 2013, Munich, Germany.
24. 9<sup>th</sup> ITS European Congress, Dublin, Ireland, June 4-7, 2013.
25. ITE Northeastern District Annual Meeting, Northampton, MA, May 22-24, 2013.
26. MOVITE Annual Spring Meeting, Kansas City, MO, April 24-26, 2013.

27. ITS America, 23<sup>rd</sup> Annual Meeting and Expo, Nashville, TN, April 22-24, 2013.
28. 2nd Annual Traffic Event - April 11, 2013, Evans, GA.
29. UTC Conference for the Southeastern Region - April 4-5, 2013, Orlando, FL.
30. Tau Beta Pi District 5 Conference, March 2-3, 2013, Savannah, GA.
31. Transportation Research Board – 92<sup>nd</sup> Annual Meeting, January 2013, Washington, D.C.
32. Transpo 2012, October 29, Bonita Springs, FL.
33. ITS Florida Technical Forum, June 26<sup>th</sup>, 2012, Orlando, FL.
34. Traffic Flow Theory Summer Meeting, June 19-22, 2012, Ft. Lauderdale, FL.
35. FHWA ATDM Workshop, June 18<sup>th</sup>, 2012, Ft. Lauderdale, FL.
36. GroupSync – InSync User Group Meeting, June 13-15, 2012, Kansas City, MO.
37. Transportation Research Board – 91<sup>st</sup> Annual Meeting, January 2012, Washington, D.C.
38. 18th World Congress on Intelligent Transport Systems, October 16-20, 2011, Orlando, FL, USA.
39. IEEE Forum on Integrated and Sustainable Transportation Systems, June 29 – July 1, 2011, Vienna, Austria.
40. NCHRP Project 03-103 Focus Group Meeting, June 24, 2011, Orlando, FL, USA.
41. 2011 ASCE Southeast Student Conference, Tennessee Technological University, March 24-26, 2011, Cookeville, TN.
42. South Florida Women’s Transportation Seminar, Sheraton, March 16, 2011, Ft. Lauderdale, FL.
43. Transportation Research Board - 90<sup>th</sup> Annual Meeting, January 2011, Washington, D.C.
44. NCHRP Project 03-103, 2<sup>nd</sup> Panel Meeting, December 13, 2010, Irvine, CA.
45. Intelligent Transportation Society of California – 2010 Annual Conference & Exhibition, November 15-16, 2010, Berkeley, CA.
46. NCHRP Project 03-103, 1<sup>st</sup> Panel Meeting, September 2-3, 2010, Washington DC.
47. Traffic Signal Systems Committee (AHB25) Summer Meeting, July 18-20, 2010, Moscow, ID.
48. Traffic Flow Theory and Characteristics Committee (AHB45) Summer Meeting, July 7-9, 2010, Annecy, France.

49. International Conference on Urban Regional Planning and Transportation (ICURPT 2010), June 28-30, 2010, Paris, France.
50. National Science Foundation Workshop, Florida Institute of Technology, March 9, 2010, Melbourne, FL.
51. Transportation Research Board - 89<sup>th</sup> Annual Meeting, January 2010, Washington, D.C.
52. Broward County Transportation System Management & Operations Task Meeting, FDOT, December 17, 2009, Ft. Lauderdale, Florida.
53. ITS Florida Annual Meeting and Technical Forum, December 8-9, 2009, Orlando, Florida.
54. Florida Energy Systems Consortium, September 29-30, 2009, University of South Florida, Florida.
55. 16th ITS World Congress on Intelligent Transportation Systems, September 2009, Stockholm, Sweden.
56. Transportation Research Board - Traffic Signal Systems Committee (AHB25) Summer Meeting, July 2009, Raleigh, NC.
57. 3<sup>rd</sup> Meeting of German Road and Transportation Research Association's Working Group for Network-wide Urban Traffic Control, 14 May 2009, Munich, Germany.
58. Mobil.TUM 2009 – International Scientific Conference on Mobility and Transport, 12-13 May 2009, Munich, Germany.
59. Transportation Research Board - 88<sup>th</sup> Annual Meeting, January 2009, Washington, D.C.
60. 15<sup>th</sup> World Congress on Intelligent Transportation Systems, November 2008, New York, NY.
61. Transportation Research Board - Traffic Signal Systems Committee (AHB25) Summer Meeting, July 2008, Livonia, MI.
62. 10<sup>th</sup> International Conference on Applications of Advanced Technologies in Transportation (AATT), May 2008, Athens, Greece.
63. Transportation Research Board - 87<sup>th</sup> Annual Meeting, January 2008, Washington, D.C.
64. PTV User Group Meeting, May 2007, Park City, UT.
65. Transportation Research Board - 86<sup>th</sup> Annual Meeting, January 2007, Washington, D.C.
66. PTV User Group Meeting, May 2006, Saint Louis, MO.
67. Transportation Research Board - 85<sup>th</sup> Annual Meeting, January 2006, Washington, D.C.

68. Transportation Research Board - 84<sup>th</sup> Annual Meeting, January 2005, Washington, D.C.
69. ITE Intermountain Section - Annual Meeting, May 2004, Jackson Hole, WY.
70. Transportation Research Board - 81<sup>st</sup> Annual Meeting, January 2002, Washington, D.C.
71. ITE District 6 Annual Meeting, Summer 2001, Albuquerque, NM.
72. ITE Intermountain Section - Annual Meeting, May 2001, Jackson Hole, WY.