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## EDUCATION

- **Ph.D.** in Civil Engineering (Transportation), Clemson University, Clemson, SC, December 2010  
Dissertation: *Development of Guidance for States Transitioning to Advanced Safety Analysis Tools*  
Committee: Dr. Jennifer Ogle (Chair), Dr. Jeff Davis, Dr. Karen Dixon, Dr. Wayne Sarasua
- **Master of Science** in Civil Engineering, Clemson University, Clemson, SC, August 2008  
Thesis: *Assessment of Potential Data-Driven Approaches for Prioritizing Improvements to Georgia Roadways*  
Committee: Dr. Jennifer Ogle (Chair), Dr. Scott Brame, Dr. Mashrur Chowdhury
- **Bachelor of Science** in Civil Engineering, Osmania University, India, June 2006

## PROFESSIONAL EXPERIENCE

- *Assistant Professor*, Dept. of Civil & Environ. Engg., Florida International University, 2015-present
- *Research Associate*, Lehman Center for Transportation Research, FIU, 2011-2014
- *Postdoctoral Fellow*, Glenn Dept. of Civil Engineering, Clemson University, 2011-2011
- *Course Instructor*, Glenn Dept. of Civil Engineering, Clemson University, 2010-2011
- *Graduate Research Assistant*, Glenn Dept. of Civil Engineering, Clemson University, 2006-2010
- *Graduate Teaching Assistant*, Glenn Dept. of Civil Engineering, Clemson University, 2009-2010

## UNIVERSITY APPOINTMENTS

- *Member*, CEE Alumni Night Awards Selection Committee, FIU, 2018-2018
- *Member*, Library Committee, FIU, 2017 - present
- *Dissertation Advisor*, University Graduate School, FIU, 2016 - present
- *Graduate Faculty*, University Graduate School, FIU, 2012-2015

## SPONSORED RESEARCH PROJECTS

### **As Principal Investigator (Total PI Funding: \$2,121,601)**

1. *Developing Florida-specific Mobility Enhancement Factors (MEFs) and Crash Modification Factors (CMFs) for TSM&O Strategies*, Traffic Engineering and Operations Office, Florida Department of Transportation, \$215,000, 2018-2020.
2. *Evaluation of Photo Red Light Enforcement Program in the City of Miami Beach*, City of Miami Beach, \$13,500, 2018-2018.
3. *Technical and Research Support for ITS and Traffic Engineering Projects (LOA # 21)*, Florida Department of Transportation District Six, \$250,000, 2018-2019.
4. *Statewide Pedestrian and Bicyclist Focus Education and Enforcement Effort*, Center for Urban Transportation Research (CUTR) at University of South Florida, \$38,000, 2018-2020.
5. *Assessing the Benefits of Connected Vehicle Applications and Arterial Management Strategies*, Traffic Engineering and Operations Office, Florida Department of Transportation, \$140,000, 2018-2020.

6. *Exploring the Modified Procurement Framework for Expediting Florida Connected Vehicle (CV) Deployments*, Traffic Engineering and Operations Office, Florida Department of Transportation (Subcontract from University of North Florida), \$50,000, 2018-2019.
7. *Generation of SafetyAnalyst Import Files for Years 2015 and 2016*, State Safety Office, Florida Department of Transportation, \$39,941, 2018-2018.
8. *A Data-Driven Approach to Implementing Wrong-Way Driving Countermeasures*, Florida Department of Transportation, \$145,000, 2017-2018.
9. *Technical and Research Support for ITS and Traffic Engineering Projects (LOA # 17)*, Florida Department of Transportation District Six, \$277,342, 2017-2018.
10. *Doral Citywide Roadway Lighting Study*, City of Doral, \$14,915, 2017-2017.
11. *Use of Communication Technologies to Enhance Public Involvement in Transportation Projects*, Florida Turnpike Enterprise, Florida Department of Transportation, \$120,000, 2016-2018.
12. *Evaluation of Incident Response Improvements for Statewide Application: Learning from the New Regional Traffic Management Center in Jacksonville, FL*, Traffic Engineering and Operations Office, Florida Department of Transportation (Subcontract from University of North Florida), \$50,000, 2017-2018.
13. *Comparing Countermeasures for Mitigating Wrong-way Entries onto Limited Access Facilities*, Traffic Engineering and Operations Office, Florida Department of Transportation (Subcontract from University of South Florida), \$33,021, 2016-2017.
14. *Evaluation of Project Processes in Relation to Transportation Systems Management and Operations (TSM&O)*, Traffic Engineering and Operations Office, Florida Department of Transportation (Subcontract from University of North Florida), \$125,000, 2016-2018.
15. *Generation of 2011-2014 Input Data for SafetyAnalyst*, State Safety Office, Florida Department of Transportation, \$25,000, 2016-2016.
16. *Statewide Analysis of Bicycle Crashes*, State Safety Office, Florida Department of Transportation, \$150,000, 2015-2017.
17. *Quantifying the Accuracy of the Enhanced Interchange Safety Analysis Tool (ISATe) Crash Prediction Tools on Florida Freeways*, Systems Planning Office, Florida Department of Transportation, \$75,000, 2015-2016.
18. *Statewide Training of SafetyAnalyst in Florida*, Southeastern Transportation Research Innovation, Development and Education (STRIDE) Consortium, US DOT (via Univ. of Florida), \$20,000, 2015-2016.
19. *Development of a Web-based Decision Making Tool for the Highway Safety Manual Implementation*, The National Center for Transportation Systems Productivity and Management (NCTSPM), US DOT (via Georgia Institute of Technology), \$82,456, 2014-2017.
20. *Development and Implementation of Puerto Rico Strategic Highway Safety Plan*, Puerto Rico Highway and Transportation Authority (subcontract from Advanced Transportation Engineering Consultants, Inc.), \$82,426, 2014-2015.
21. *Improved Processes for Meeting the Data Requirements for Implementing the Highway Safety Manual and SafetyAnalyst in Florida*, State Safety Office, Florida Department of Transportation, \$175,000, 2012-2014.

**As Co-Principal Investigator (Total Co-PI Funding: \$645,069)**

1. *Effectiveness of Stationary Policy Vehicles with Blue Lights in Freeway Work Zones*, Office of Construction, \$ 275,717, 2017-2017 (PI: Albert Gan)

2. *Feasibility of Using Video Image Detectors for Ramp Signal Operations and Performance Monitoring* Florida Department of Transportation, \$150,000, 2014-2016 (PI: Albert Gan).
3. *Transportation Research Internship Program (TRIP)*, Southeastern Transportation Research Innovation, Development and Education (STRIDE) Consortium, US DOT (via University of Florida), \$4,367, 2016-2016 (PI: Albert Gan).
4. *Transportation Engineering Technical and Research Support Services*, Public Works Department City of Doral, \$100,000, 2016-2017 (PI: Albert Gan).
5. *Updating and Improving Methodology for Prioritizing Highway Project Locations on the Strategic Intermodal System (SIS)*, Intermodal Systems Development Office (District 1), Florida Department of Transportation, \$150,000, 2014-2016 (PI: Albert Gan).
6. *Evaluation of Signage Alternatives for Express Lane Facilities*, The National Center for Transportation Systems Productivity and Management (NCTSPM), USDOT (via Georgia Institute of Technology), \$85,000, 2013-2015 (PI: Albert Gan).
7. *Tier I University Transportation Center (UTC) Program Support*, The National Center for Transportation Systems Productivity and Management (NCTSPM), USDOT (via Georgia Institute of Technology), \$131,848, 2014-2016 (PI: Albert Gan).
8. *Crash Prediction Method for Freeway Facilities with High Occupancy Vehicle (HOV) and High Occupancy Toll (HOT) Lanes*, Florida Department of Transportation (subcontract from University of Florida), \$83,854, 2013-2015 (PI: Albert Gan).
9. *Feasibility of a Web-Based System for Police Report Review and Information Recording*, State Safety Office, Florida Department of Transportation, \$90,000, 2013-2016 (PI: Albert Gan).
10. *A Comprehensive Study to Reduce Pedestrian Crashes in Florida*, State Safety Office, Florida Department of Transportation, \$150,000, 2012-2013 (PI: Albert Gan).
11. *Roundabouts and Access Management*, Systems Planning Office, Florida Department of Transportation (subcontract from University of Florida), \$70,000, 2012-2013 (PI: Albert Gan).
12. *Pedestrian Safety Campaign Support and Data Collection of Driver and Pedestrian Behavior at Rectangular Rapid Flashing Beacon Locations*, Traffic Operations Office (District 6), Florida Department of Transportation, \$30,000, 2014-2014 (PI: Albert Gan).

#### **As Principal Researcher**

1. *Development of a White Paper on Capabilities and Potential Applications of Crowd Monitoring Systems*, Florida Department of Transportation District 4 ITS Office, \$46,467, 2014-2015.
2. *Extraction of Basic Roadway Information for Non-State Roads in Florida*, State Safety Office, Florida Department of Transportation, \$120,000, 2013-2015.
3. *Analysis of Movable Bus Stop Boarding and Alighting Areas*, Public Transit Office, Florida Department of Transportation, \$110,667, 2012-2013.
4. *Digital Advertising Billboards and Driver Distraction*, in Partnership with University of Alabama at Birmingham, Research and Innovation Technology Administration (RITA), USDOT (via Georgia Institute of Technology), \$43,000, 2012-2015.
5. *Synthesis of the Advance in and Application of Fractal Characteristics of Traffic Flow*, Traffic Engineering and Operations Office, Florida Department of Transportation, \$40,000, 2012-2013.
6. *In-Service Performance Evaluation (ISPE) for G4 (1S) Strong-Post W-Beam Guardrail and Cable Median Barrier*, Roadway Design Office, Florida Department of Transportation, \$284,796, 2011-2012.
7. *Before and After Safety Study of Roadways Where New Medians Have Been Added*, Systems Planning Office, Florida Department of Transportation, \$225,000, 2011-2012.

8. *Best Practices in the Use of Hybrid Static-Dynamic Signs*, Traffic Engineering Office (District 4), Florida Department of Transportation, \$150,000, 2011-2012.
9. *Standardization of Crash Analysis in Florida*, State Safety Office, Florida Department of Transportation, \$142,726, 2010-2011.
10. *Preparing Florida for SafetyAnalyst Deployment*, State Safety Office, Florida Department of Transportation, \$298,266, 2010-2012.
11. *An Integrated Database and Analysis System for the Evaluation of Freeway Corridors for Potential Ramp Signaling*, ITS Office (District 6), Florida Department of Transportation, \$180,000, 2010-2011.
12. *CUSIM: Sustainable Infrastructure Model*, Glenn Department of Civil Engineering, Clemson University, \$125,200, 2010-2011.
13. *The Relationship of South Carolina DOT Damage Claims and Lawsuits to Roadway Engineering Safety Issues*, South Carolina Department of Transportation, \$247,949, 2009-2011.
14. *Motor Vehicle Crash Analysis: Descriptive Trend Analysis and Assessment of Potential Data-Driven Approaches for Prioritizing Improvements to Georgia Roadways*, Georgia Department of Transportation, \$226,666, 2007-2008.
15. *Support for the Elimination of Roadside Hazards in an Acceptable Clear Zone through the Use of Collision Data*, South Carolina Department of Transportation, \$258,043, 2007-2008.
16. *Simulation of Roadway Design Treatments for Rural to Urban Transition Areas*, Oregon State University/Oregon Department of Transportation, \$44,988, 2006-2007.

## PUBLICATIONS

### Journal Papers Under Review (7 in total)

1. Nafis, S., and Alluri, P. (in 1<sup>st</sup> review) “Wrong-way Driving Crash Injury Analysis Using Decision Rules,” *Journal of Intelligent Transportation Systems: Technology, Planning, and Operations*.
2. Wu, W., Alluri, P., Ponnaluri, R., and Hagen, L. (in 1<sup>st</sup> review) “Macroscopic Spatial Analysis of Wrong-way Driving Crash Hotspots,” *Accident Analysis & Prevention Journal*.
3. Alluri, P., Wu, W., Ponnaluri, R., and Hagen, L. (in 1<sup>st</sup> review) “A Data-Driven Approach to Implementing Wrong-way Driving Countermeasures,” *Journal of Intelligent Transportation Systems: Technology, Planning, and Operations*.
4. Kitali, A., Alluri, P., Sando, T., and Wu, W. (in 2<sup>nd</sup> review) “Identification of Secondary Crash Risk Factors using Penalized Logistic Regression Model”. *Transportation Research Record: Journal of the Transportation Research Board*.
5. Kitali, A., Alluri, P., and Sando, T. (in 2<sup>nd</sup> review) “Impact of Primary Incident Spatiotemporal Influence Thresholds on the Detection of Secondary Crashes”. *Transportation Research Record: Journal of the Transportation Research Board*.
6. Raihan, A., Alluri, P., Wu, W., and Gan, A. (in 2<sup>nd</sup> review) “Estimation of Bicycle Crash Modification Factors (CMFs) on Urban Facilities using Zero Inflated Negative Binomial Models,” *Accident Analysis & Prevention Journal*.
7. Vargas, H., Raihan, A., Alluri, P., and Gan, A. (in 2<sup>nd</sup> review) “Jurisdiction-specific versus SafetyAnalyst-default Safety Performance Functions: A Case Study on Two-lane and Multi-lane Arterials”. *Transportation Research Record: Journal of the Transportation Research Board*.

**Refereed Journal Papers (30 in total)**

1. Salum, J., Kitali, A., Bwire, H., Sando, T., and Alluri, P. (2018) "Severity of Motorcycle Crashes in Dar es Salaam, Tanzania," Accepted, *Traffic Injury Prevention Journal*.
2. Haule, H., Sando, T., and Alluri, P. (2018) "Impact of Co-location of Response Agencies on the Traffic Incident Timeline," *Advances in Transportation Studies Journal*, Vol. 46, pp. 67-80.
3. Kitali, A., Alluri, P., Sando, T., Haule, H., Kidando, E., and Lentz, R. (2018). "Likelihood Estimation of Secondary Crashes using Bayesian Complementary Log-log Model," Accepted, *Accident Analysis & Prevention Journal*.
4. Haule, H., Sando, T., Lentz, R., Chuan, C., and Alluri, P. (2018) "Evaluating the Impact and Clearance Duration of Freeway Incidents," Accepted, *International Journal of Transportation Science and Technology*.
5. Saha, D., Alluri, P., Wu, W., and Gan, A. (2018). "Spatial Analysis of Macro-Level Bicycle Crashes Using Conditional Autoregressive Models," *Accident Analysis & Prevention Journal*, Vol. 118, pp. 166-177.
6. Kitali, A., Kidando, E., Martz, P., Alluri, P., Sando, T., Moses, R., and Lentz, R. (2018). Evaluating Factors Influencing the Severity of Three-plus Multiple-vehicle Crashes Using Real-Time Traffic Data," In Press, *Transportation Research Record: Journal of the Transportation Research Board*.
7. Tang, L., Gan, A., Cevallos, F., and Alluri, P. (2018) "Characteristics of Bus Transit Vehicles in the United States: A 30-Year National Trend Analysis," In Press, *Transportation Research Record: Journal of the Transportation Research Board*.
8. Alluri, P., Gan, A., and Liu, K. (2018). "Statewide Implementation of SafetyAnalyst: The Florida Experience," *Journal of Transportation Safety & Security*, 10(6), pp. 525-544.
9. Raihan, M. A., and Alluri, P. (2017). "Impact of Roadway Characteristics on Bicycle Safety," *ITE Journal*. 87(9), pp. 33-40. (Recipient of 2017 ITE Daniel B. Fambro Student Paper Award).
10. Alluri, P., Gan, A., Saha, D., and Fernandez, L. (2017). "Evaluation of Signage Alternatives for Express Lane Facilities: A Focus Group Study," *Transportation Research Record No. 2616: Journal of the Transportation Research Board*, pp. 114-121.
11. Gan, A., Alluri, P., Raihan., M. A., Liu, K., Saha, D., and Jung, R. (2017). "An Automated System for Prioritizing Highway Improvement Locations and Analyzing Project Alternatives," *Transportation Research Record No. 2654: Journal of the Transportation Research Board*, pp. 65-75.
12. Saha, D., Alluri, P., and Gan, A. (2017). "A Bayesian Procedure for Evaluating the Frequency of Calibration Factor Updates in Highway Safety Manual (HSM) Applications," *Accident Analysis and Prevention Journal*, Vol. 98, pp. 74-86.
13. Gan, A., Liu, K., and Alluri, P. (2016). "An Integrated System for Rural National Transit Database (NTD)," *Transportation Research Record No. 2539: Journal of the Transportation Research Board*, pp. 167-177.
14. Alluri, P., Gan, A., and Haleem, K. (2016). "Safety Impacts of Converting Two-Way Left-Turn Lanes to Raised Medians and Associated Design Concerns," *Journal of the Transportation Research Forum*, 55(2), pp. 33-48.
15. Saha, D., Alluri, P., and Gan, A. (2016). "A Random Forests Approach to Prioritize Highway Safety Manual (HSM) Variables for Data Collection," *Journal of Advanced Transportation*, Vol. 50, pp. 522-540.
16. Alluri, P., Haleem, K., Gan, A., and Mauthner, J. (2016). "Safety Performance Evaluation of Cable Median Barriers on Freeways in Florida," *Traffic Injury Prevention Journal*, 17(5), pp. 544-551.

17. Alluri, P., Saha, D., and Gan, A. (2016). "Minimum Sample Sizes for Estimating Reliable Highway Safety Manual (HSM) Calibration Factors," *Journal of Transportation Safety & Security*, 8(1), pp. 56-74.
18. Alluri, P., Gan, A., Diaz, A., and Steiner, R. (2015). "Safety Impacts of Access Management Features near Roundabouts," *Transportation Research Record No. 2517: Journal of the Transportation Research Board*, pp. 28-36.
19. Haleem, K., Alluri, P., and Gan, A. (2015). "Analyzing Pedestrian Crash Injury Severity at Signalized and Non-Signalized Locations," *Accident Analysis & Prevention Journal*, Vol. 81, pp. 14-23.
20. Alluri, P., Gan, A., Haleem, K., and Mauthner, J. (2015). "Safety Performance of G4 (1S) W-beam Guardrails versus Cable Median Barriers on Florida's Freeways," *Journal of Transportation Safety & Security*, 7(3), pp. 208-227.
21. Saha, D., Alluri, P., and Gan, A. (2015). "Prioritizing Highway Safety Manual's Crash Prediction Variables Using Boosted Regression Trees," *Accident Analysis & Prevention Journal*, Vol. 79, pp. 133-144.
22. Tang, L., Gan, A., and Alluri, P. (2014). "Automatic Extraction of Number of Lanes from Geo-Rectified Aerial Images," *Transportation Research Record No. 2460: Journal of the Transportation Research Board*, pp. 86-96.
23. Suksawang, N., Alluri, P., Gan, A., Meneses, K., Cevallos, F., Haleem, K., and Saha, D. (2014). "Use of Movable Bus Stop Loading Pads: Feasibility and Design Alternatives," *Journal of Public Transportation*, 17(4), pp. 157-173.
24. Haleem, K., Gan, A., Alluri, P., and Saha, D. (2014). "Identifying Safety Practices and Needs of Local Transportation and Law Enforcement Agencies," *Journal of the Transportation Research Forum*, 53(1), pp. 83-99.
25. Lu, J., Haleem, K., Alluri, P., Gan, A., and Liu, K. (2014). "Developing Local Safety Performance Functions versus Calculating Calibration Factors for SafetyAnalyst Applications: A Florida Case Study," *Safety Science*, Vol. 65, pp. 93-105.
26. Wang, T., Gan, A., and Alluri, P. (2013). "Estimating Annual Average Daily Traffic for Local Roads for Highway Safety Analysis," *Transportation Research Record No. 2398: Journal of the Transportation Research Board*, pp. 60-66.
27. Lu, J., Haleem, K., Alluri, P., and Gan, A. (2013). "Full versus Simple Safety Performance Functions: A Comparison Based on Urban Four-Lane Freeway Interchanges in Florida," *Transportation Research Record No. 2398: Journal of the Transportation Research Board*, pp. 83-92.
28. Stanford, M., Benson, L., Alluri, P., Martin, W., Klotz, L., Ogle, J., Kaye, N., Sarasua, W., and Schiff, S. (2013). "Evaluating Student and Faculty Outcomes for a Real-World Capstone Project with Sustainability Considerations," *Journal of Professional Issues in Engineering Education and Practice*, 139(2), pp. 123-133.
29. Alluri, P. and Ogle, J. (2012). "Road Safety Analysis in the United States: States' Current Practices and Their Future Direction," *Transportation Research Record No. 2318: Journal of the Transportation Research Board*, pp. 7-15.
30. Crisler, M., Brooks, J., Ogle, J., Guirl, C., Alluri, P. and Dixon, K. (2008). "Effect of Wireless Communication and Entertainment Devices on Simulated Driving Performance," *Transportation Research Record No. 2069: Journal of the Transportation Research Board*, pp. 48-54.

**Full-Paper Refereed Proceedings (45 in total)**

1. Gonzalez, M., Alluri, P., and Raihan, M. A. (2018). "Prioritizing Locations for Installing Street Lights: A Case Study on the City of Doral," Proceedings of the 97<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC.
2. Sando, T., Alluri, P., Ponnaluri, R., and Ackert, M. (2018) "States' Existing Practices in Mainstreaming TSMO in the Project Development Process," Proceedings of the 97<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC.
31. Haule, H., Sando, T., Alluri, P., Lentz, R., and Chuan, C., (2018) "Evaluating the Impact and Clearance Duration of Freeway Incidents," Proceedings of the 97<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC (Revised version was submitted for publication in the *International Journal of Transportation Science and Technology*).
3. Wu, W., Gan, A., and Alluri, P. (2018). "Feasibility of Using Police Crash Records as a Potential Data Source for Acquisition and Continued Updates of Posted Speed Limits," Proceedings of the 97<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC.
4. Alluri, P., Saha, D., Gan, A., and Wang, H. (2018). "Decision Support System for Selecting Highway Safety Manual (HSM) Methods," Proceedings of the 97<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC.
5. Kitali, A., Kidando, E., Martz, P., Alluri, P., Sando, T., Moses, R., and Lentz, R. (2018). Evaluating Factors Influencing the Severity of Three-plus Multiple-vehicle Crashes Using Real-Time Traffic Data," Proceedings of the 97<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC (Revised version will be published in *Transportation Research Record: Journal of the Transportation Research Board*).
6. Ogle, J., Alluri, P., Zang, C., Rajabi, M., Sarasua, W., and Bendigeri, V. (2018). "Methods to Define Homogeneous Segments and Assign Crashes for Highway Safety Manual Applications," Proceedings of the 97<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC.
7. Tang, L., Gan, A., Cevallos, F., and Alluri, P. (2018) "Characteristics of Bus Transit Vehicles in the United States: A 30-Year National Trend Analysis," Proceedings of the 97<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC (Revised version will be published in *Transportation Research Record: Journal of the Transportation Research Board*).
8. Salum, J., Kitali, A., Bwire, H., Sando, T., and Alluri, P. (2018) "Factors Influencing the Severity of Motorcycle Crashes in Dar es Salaam," Proceedings of the 97<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC (Revised version was submitted for publication in *Traffic Injury Prevention Journal*).
9. Gan, A., Alluri, P., and Wang, H. (2017). "Prototype System for Collection of Safety Data from Police Crash Reports," Proceedings of the 96<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC.
10. Alluri, P., Gan, A., Saha, D., and Fernandez, L. (2017). "Evaluation of Signage Alternatives for Express Lane Facilities: A Focus Group Study," Proceedings of the 96<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC (Revised version was published in *Transportation Research Record: Journal of the Transportation Research Board*).
11. Gan, A., Alluri, P., Raihan, M. A., Liu, K., Saha, D., and Jung, R. (2017). "An Automated System for Prioritizing Highway Improvement Locations and Analyzing Project Alternatives," Proceedings of the 96<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC (Revised version was published in *Transportation Research Record: Journal of the Transportation Research Board*).
12. Saha, D., Alluri, P., Wu, W., and Gan, A. (2017). "Analysis of Bicycle Crashes with Spatial Autocorrelation: A Comparison of Conditional Autoregressive Models," Proceedings of the 96<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC.

13. Raihan, M. A., Alluri, P., Gan, A., and Jung, R (2016). "Application of the Analytic Network Process (ANP) in Prioritizing Highway Improvement Locations," Proceedings of the 95<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC (Revised version was submitted for publication in *Transportation Journal*).
14. Gan, A., Liu, K., and Alluri, P. (2016). "An Integrated System for Rural National Transit Database (NTD)," Proceedings of the 95<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC (Revised version was published in *Transportation Research Record: Journal of the Transportation Research Board*).
15. Fartash, H., Alluri, P., Gan, A., Lavasani, M., and Haleem, K. (2016). "Performance of Rectangular Rapid Flashing Beacons (RRFBs) at Midblock Pedestrian Crossings," Proceedings of the 95<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC.
16. Srinivasan, S., Haas, P., Alluri, P., Gan, A., and Bonneson, J. (2016). "Crash Prediction Method for Freeway Segments with High Occupancy Vehicle (HOV) Lanes," Proceedings of the 95<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC.
17. Haleem, K., Alluri, P., and Gan, A. (2016). "Investigating Fractal Characteristics in Crash Trends for Potential Traffic Safety Prediction," Proceedings of the 95<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC.
18. Sadeghvaziri, E., Haleem, K., Alluri, P., Fartash, H., and Gan, A. (2016). "Effects of Different Guide Signs on Driver Behavior at Express Lane Entrance: A Driving Simulation Study," Proceedings of the 95<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC.
19. Alluri, P., Gan, A., Diaz, A., and Steiner, R. (2015). "Safety Impacts of Access Management Features in the Vicinity of Roundabouts," Proceedings of the 94<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC (Revised version was published in *Transportation Research Record: Journal of the Transportation Research Board*).
20. Alluri, P., Gan, A., and Liu, K. (2015). "Preparing Input Data for SafetyAnalyst Implementation: The Florida Experience," Proceedings of the 94<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC (Revised version was submitted for publication in *Journal of Transportation Safety & Security*).
21. Alluri, P., Saha, D., and Gan, A. (2015). "Prioritization of Highway Safety Manual (HSM) Data Variables using Random Forest Algorithm," Proceedings of the 94<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC (Revised version was published in *Journal of Advanced Transportation*).
22. Sisiopiku, V., Islam, M., Haleem, K., Gan, A., and Alluri, P. (2015). "Investigation of the Potential Relationship between Crash Occurrence and the Presence of Digital Advertising Billboards in Alabama and Florida," Proceedings of the 94<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC.
23. Alluri, P., Gan, A., and Haleem, K. (2014). "Pedestrian Safety at Signalized Intersections," Proceedings of the 2<sup>nd</sup> ASCE Transportation and Development Institute (T&DI) Congress, Orlando, FL, pp. 458-466.
24. Haleem, K., Gan, A., and Alluri, P. (2014). "Exploration of Fractal Characteristics in Crash Data," Proceedings of the 2<sup>nd</sup> ASCE Transportation and Development Institute (T&DI) Congress, Orlando, FL, pp. 487-497.
25. Lu, J., Haleem, K., Gan, A., and Alluri, P. (2014). "Safety Performance Functions for Florida's Freeways," Proceedings of the 2<sup>nd</sup> ASCE Transportation and Development Institute (T&DI) Congress, Orlando, FL, pp. 321-331.
26. Alluri, P., Gan, A., and Haleem, K. (2014). "Safety Impacts of Converting Two-Way Left-Turn Lanes to Raised Medians and Associated Design Concerns," Proceedings of the 93<sup>rd</sup> Annual Meeting of the



- Transportation Research Board, Washington, DC (Revised version was published in *Journal of the Transportation Research Forum*).
27. Alluri, P., Echezabal, E., Diaz, A., and Gan, A. (2014). “Businesses’ Reaction to Conversion from Two-way Left-turn Lanes to Raised Medians,” Proceedings of the 93<sup>rd</sup> Annual Meeting of the Transportation Research Board, Washington, DC.
  28. Tang, L., Gan, A., and Alluri, P. (2014). “Automatic Extraction of Number of Lanes from Geo-Rectified Aerial Images,” Proceedings of the 93<sup>rd</sup> Annual Meeting of the Transportation Research Board, Washington, DC (Revised version was published in *Transportation Research Record: Journal of the Transportation Research Board*).
  29. Saha, D., Alluri, P., Haleem, K., Gan, A. and McCarthy, D. (2014). “Evaluation of Hybrid Static-Dynamic Sign Designs: A Focus Group Study,” Proceedings of the 93<sup>rd</sup> Annual Meeting of the Transportation Research Board, Washington, DC.
  30. Suksawang, N., Alluri, P., Gan, A., Meneses, K., Cevallos, F., Haleem, K., and Saha, D. (2014). “Feasibility and Design of Movable Bus Stop Boarding and Alighting Pads,” Proceedings of the 93<sup>rd</sup> Annual Meeting of the Transportation Research Board, Washington, DC (Revised version was published in *Journal of Public Transportation*).
  31. Haleem, K., Gan, A., Alluri, P., and Saha, D. (2014). “Identification of Safety Practices, Issues, and Needs of Local Transportation and Law Enforcement Agencies,” Proceedings of the 93<sup>rd</sup> Annual Meeting of the Transportation Research Board, Washington, DC (Revised version was published in *Journal of the Transportation Research Forum*).
  32. Alluri, P., Haleem, K., and Gan, A. (2013). “In-service Performance Evaluation of Cable Median Barriers on Florida’s Limited Access Facilities,” Proceedings of the 92<sup>nd</sup> Annual Meeting of the Transportation Research Board, Washington, DC (Revised version was published in *Traffic Injury Prevention Journal*).
  33. Ma, M., Alluri, P., and Gan, A. (2013). “Development of a Geographic Information System for SafetyAnalyst for Location Selection and Output Visualization,” Proceedings of the 92<sup>nd</sup> Annual Meeting of the Transportation Research Board, Washington, DC.
  34. Tang, L., Gan, A., and Alluri, P. (2013). “A Framework for Automatic Identification and Extraction of Travel Lane Information from Geo-Rectified Aerial Images Using Support Vector Machine,” Proceedings of the 92<sup>nd</sup> Annual Meeting of the Transportation Research Board, Washington, DC.
  35. Saha, D., Gan, A., Haleem, K., Alluri, P., and Delgado, F. (2013). “Use of Hybrid Static-Dynamic Signs: A State-of-the-Practice Review,” Proceedings of the 92<sup>nd</sup> Annual Meeting of the Transportation Research Board, Washington, DC.
  36. Wang, T., Gan, A., and Alluri, P. (2013). “Estimating Annual Average Daily Traffic for Local Roads for Highway Safety Analysis,” Proceedings of the 92<sup>nd</sup> Annual Meeting of the Transportation Research Board, Washington, DC (Revised version was published in *Transportation Research Record: Journal of the Transportation Research Board*).
  37. Lu, J., Haleem, K., Alluri, P., and Gan, A. (2013). “Full versus Simple Safety Performance Functions: A Comparison Based on Urban Four-Lane Freeway Interchanges in Florida,” Proceedings of the 92<sup>nd</sup> Annual Meeting of the Transportation Research Board, Washington, DC (Revised version was published in *Transportation Research Record: Journal of the Transportation Research Board*).
  38. Alluri, P. and Ogle, J. (2012). “Effect of Variations of CMFs on Predicted Crash Frequency on Rural Two-Lane Highways: Sensitivity Analysis,” Proceedings of the 91<sup>st</sup> Annual Meeting of the Transportation Research Board, Washington, DC.
  39. Alluri, P. and Ogle, J. (2012). “Effects of State-Specific SPFs, AADT Estimations, and Overdispersion Parameters on Crash Predictions Using SafetyAnalyst,” Proceedings of the 91<sup>st</sup> Annual Meeting of the Transportation Research Board, Washington, DC.

40. Lu, J., Gan, A., Haleem, K., Alluri, P., and Liu, K. (2012). "Comparing Locally-Calibrated and SafetyAnalyst-Default Safety Performance Functions for Florida's Urban Freeways," Proceedings of the 91<sup>st</sup> Annual Meeting of the Transportation Research Board, Washington, DC (Revised version was published in *Safety Science*).
41. Alluri, P. and Ogle, J. (2012). "Road Safety Analysis in the United States: States' Current Practices and Their Future Direction," Proceedings of the 91<sup>st</sup> Annual Meeting of the Transportation Research Board, Washington, DC (Revised version was published in *Transportation Research Record: Journal of the Transportation Research Board*).
42. Ogle, J., and Alluri, P. (2011). "Getting Started with SafetyAnalyst: Georgia's Triumph," Proceedings of the 90<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC.
43. Ogle, J., Alluri, P., and Sarasua, W. (2011). "MMUCC and MIRE: The Role of Segmentation in Safety Analysis," Proceedings of the 90<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC.
44. Alluri, P., Ogle, J., Xie, F., Gladhill, K., Dixon, K., and Monsere, C. (2011). "Comparison of Calibration Factors Obtained Using Oregon and Georgia Data to Implement HSM Procedures on Two-Lane Two-Way Rural Roads," Proceedings of the 2011 ITE Technical Conference and Exhibits, Orlando, FL.
45. Crisler, M., Brooks, J., Ogle, J., Guirl, C., Alluri, P. and Dixon, K. (2008). "Effect of Wireless Communication and Entertainment Devices on Simulated Driving Performance," Proceedings of the 87<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC (Revised version was published in *Transportation Research Record: Journal of the Transportation Research Board*).

#### **Final Research Reports (40 in total)**

1. Sando, T., Alluri, P., Chuan, C., Haule, H., Kitali, A., Lentz, R., and Huq, A. (2018). *Evaluation of Incident Response Improvements for Statewide Application: Learning from the New Regional Traffic Management Center in Jacksonville, Florida*, Draft Final Research Report, Florida Department of Transportation, Tallahassee, FL.
2. Alluri, P., Wu, W., Nafis, S., and Hagen, L. (2018). *A Data-Driven Approach to Implementing Wrong-way Driving Countermeasures*, Draft Final Research Report, Florida Department of Transportation, Tallahassee, FL.
3. Alluri, P. (2018). *Generation of 2015-2016 Input Data for SafetyAnalyst*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
4. Alluri, P., Nafis, S., Soto, F., Gonzalez, M., and Gan, A. (2018). *Use of Communication Technologies to Enhance Public Involvement in Transportation Projects*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
5. Gan, A., Wu, W., Orabi, W., and Alluri, P. (2018). *Effectiveness of Stationary Policy Vehicles with Blue Lights in Freeway Work Zones*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
6. Sando, T., Alluri, P., Hagen, L., Angel, M., and Saha, D. (2018). *Evaluation of Project Processes in Relation to Transportation Systems Management and Operations (TSM&O)*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
7. Alluri, P., Gonzalez, M., and Raihan, M. A. (2017). *Doral Citywide Roadway Lighting Study*. Final Research Report, City of Doral, Doral, FL.
8. Alluri, P., Raihan, M. A., Saha, D., Wu, W., Huq, A., Nafis, S., and Gan, A. (2017). *Statewide Analysis of Bicycle Crashes*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.

9. Alluri, P. (2016). *Statewide Training of SafetyAnalyst in Florida*, Final Research Report, Southeastern Transportation Research Innovation, Development and Education Consortium, Gainesville, FL.
10. Lin, P., Ozkul, S., Boot, W., Alluri, P., Hagen, L., and Guo, R. (2016). *Comparing Countermeasures for Mitigating Wrong-Way Entries onto Limited Access Facilities*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
11. Alluri, P., Gan, A. and Saha, D. (2017). *Development of a Web-based Decision Making Tool for the Highway Safety Manual Implementation*, Final Research Report, National Center for Transportation Systems Productivity and Management, Atlanta, GA.
12. Alluri, P., Gan, A. Saha, D., Ortega, L., and Sadeghvaziri, E. (2017). *Evaluation of Signage Alternatives for Express Lane Facilities*, Final Research Report, National Center for Transportation Systems Productivity and Management, Atlanta, GA.
13. Alluri, P., Saha, D. and Gan, A. (2016). *Quantifying the Accuracy of the Enhanced Interchange Safety Analysis Tool (ISATe) Crash Prediction Tools on Florida Freeways*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
14. Alluri, P., Liu, K., Gan, A., and Saha, D. (2016). *Generation of 2011-2014 Input Data for SafetyAnalyst*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
15. Gan, A., Raihan, M. A., Alluri, P., Liu, K., and Saha, D. (2016). *Updating and Improving Methodology for Prioritizing Highway Project Locations on the Strategic Intermodal System (SIS)*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
16. Gan, A., Wang, H., and Alluri, P. (2016). *Feasibility of a Web-Based System for Police Report Review and Information Recording*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
17. Wu, W., Gan, A., and Alluri, P. (2015). *Extraction of Basic Roadway Information for Non-State Roads in Florida*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
18. Srinivasan, S., Haas, P., Alluri, P., Gan, A., and Bonneson, J. (2015). *Crash Prediction Method for Freeway Facilities with High Occupancy Vehicle (HOV) and High Occupancy Toll (HOT) Lanes*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
19. Gan, A., Wu, W., and Alluri, P. (2015). *Feasibility of Applying a Crowd Monitoring System to Improve Pedestrian Safety*, Final Research Report, Florida Department of Transportation District Four, Fort Lauderdale, FL.
20. Sisiopiku, V., Stavrinou, D., Sullivan, A., Islam, M., Wittig, S., Haleem, K., Gan, A., and Alluri, P. (2015). *Digital Advertising Billboards and Driver Distraction*, Final Research Report, National Center for Transportation Systems Productivity and Management, Atlanta, GA.
21. Gan, A., Fartash, H., and Alluri, P. (2014). *Evaluation of Rectangular Rapid Flashing Beacon (RRFB), Pedestrian Traffic Signal, and Pedestrian Hybrid Beacon (PHB) Locations on West Flagler Street in Miami*, Final Research Report, Florida Department of Transportation District Six, Miami, FL.
22. Alluri, P., Saha, D., Liu, K., and Gan, A. (2014). *Improved Processes for Meeting the Data Requirements for Implementing the Highway Safety Manual and SafetyAnalyst in Florida*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
23. Steiner, R., Washburn, S., Elefteriadou, L., Gan, A., Alluri, P., Michalaka, D., Xu, R., Rachmat, S., Lytle, B., and Cavaretta, A. (2014). *Roundabouts and Access Management*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
24. Alluri, P., Haleem, K., Gan, A., Lavasani, M., and Saha, D. (2013). *Comprehensive Study to Reduce Pedestrian Crashes in Florida*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.

25. Haleem, K., Alluri, P., Gan, A., Li, H., and Li, T. (2013). *Synthesis of the Advance in and Application of Fractal Characteristics of Traffic Flow*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
26. Suksawang, N., Gan, A., Alluri, P., Haleem, K., Meneses, K., Cevallos, F., and Saha, D. (2013). *Analysis of Movable Bus Stop Boarding and Alighting Areas*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
27. Wu, W., Wang, H., and Alluri, P. (2013). *Automatic Incident Detection Using Real-Time Traffic Detector Data*, Special Report, Submitted to District Six Traffic Operations Office ITS Section, Florida Department of Transportation, Miami, FL.
28. Alluri, P., Gan, A., Haleem, K., Miranda, S., Echezabal, E., Diaz, A., and Ding, S. (2012). *Before-and-After Safety Study of Roadways Where New Medians Have Been Added*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
29. Alluri, P., Haleem, K., and Gan, A. (2012). *In-Service Performance Evaluation (ISPE) for G4 (1S) Type of Strong-Post W-Beam Guardrail System and Median Cable Barrier: Volume I*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
30. Alluri, P., Haleem, K., and Gan, A. (2012). *In-Service Performance Evaluation (ISPE) for G4 (1S) Type of Strong-Post W-Beam Guardrail System and Median Cable Barrier: Volume II*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
31. Gan, A., Saha, D., Haleem, K., Alluri, P., and McCarthy, D. (2012). *Best Practices in the Use of Hybrid Static-Dynamic Signs*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
32. Gan, A., Haleem, K., Alluri, P., and Saha, D. (2012). *Standardization of Crash Analysis in Florida*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
33. Gan, A., Haleem, K., Alluri, P., Lu, J., Wang, T., Ma, M., and Diaz, C. (2012). *Preparing Florida for Deployment of SafetyAnalyst for All Roads*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
34. Gan, A., Zhu, X., Liu, K., Alluri, P., and Robbins, C. (2011). *Integrated Database and Analysis System for the Evaluation of Freeway Corridors for Potential Ramp Signaling*, Final Research Report, Florida Department of Transportation, Tallahassee, FL.
35. Alluri, P. (2010). *Development of Guidance for States Transitioning to Advanced Safety Analysis Tools*, Doctoral Dissertation, Clemson University, Clemson, SC.
36. Ogle, J. and Alluri, P. (2009). *Assessment of Potential Site Selection Methods for Use in Prioritizing Safety Improvements on Georgia Roadways*, Final Research Report, Georgia Department of Transportation, Atlanta, GA.
37. Ogle, J., Sarasua, W., Dillon, J., Bendigeri, V., Anekar, S., and Alluri, P. (2009). *Support for the Elimination of Roadside Hazards: Evaluating Roadside Collision Data and Clear Zone Requirements*, Final Research Report, South Carolina Department of Transportation, Columbia, SC.
38. Alluri, P. (2008). *Assessment of Potential Data-Driven Approaches for Prioritizing Improvements to Georgia Roadways*, Master's Thesis, Clemson University, Clemson, SC.
39. Dixon, K., Zhu, H., Ogle, J., Brooks, J., Hein, C., Alluri, P., and Crisler, M. (2008). *Simulation of Roadway Design Treatments for Rural Transition Areas*, Project SPR 631, Oregon State University, prepared for the Oregon Department of Transportation, Salem, OR.
40. Ogle, J., Brooks, J., Hein, C., Crisler, M., Alluri, P., and Guirl, C. (2007). *Determining Effective Roadway Design Treatments for Transitioning from Rural Areas to Urban Areas on State Highways*, Final Research Report, Oregon State University, Corvallis, OR.

**Technical Articles and Short Report (3 in total)**

1. Alluri, P., and Ponnaluri, R. (2018). "Drafting, Designing, and Deploying Wrong-Way Driving Initiative," White Paper to the Institute of Transportation Engineers, July 2018.
2. Alluri, P., Haleem, K., Gan, A., and Mauthner, J. (2013). "Safety Performance of Cable Median Barriers on Florida's Freeways," *FLITE Magazine*, Florida Section Institute of Transportation Engineers, Vol. 54, No. 2, pp. 6-8, September 2013.
3. Saha, D., Gan, A., and Alluri, P. (2012). *Sign Information Included for Managed Lane Facilities: A State-of-the-Practice Summary*, Special Report, Submitted to Florida Department of Transportation District 4.

**PRESENTATIONS****Invited Presentations (44 in total)**

1. "Safety Analyst: The What, Why, and How," 2018 FSITE Annual Meeting, Fort Lauderdale, FL, October 29-31, 2018.
2. "Drafting, Designing, and Deploying Wrong-Way Driving Initiative in Florida," Invited Presentation at the Florida Atlantic University, Boca Raton, FL, October 17, 2018.
3. "Application of the Highway Safety Manual in Florida," 2018 FDOT Transportation Symposium, Orlando, FL, June 18-20, 2018 (co-presented with Jeremy Fletcher and Joe Santos).
4. "Evaluation of Project Processes in Relation to TSM&O," 2018 FDOT Transportation Symposium, Orlando, FL, June 18-20, 2018 (co-presented with Larry Hagen).
5. "Bridging the Gap Between Research and Practice in Transportation Safety," Invited Presentation at the University of South Florida, Tampa, FL, October 20, 2017.
6. "Statewide Training of Safety Analyst in Florida," STRIDE Research Summer Seminar, Gainesville, FL, June 02, 2017.
7. "Prototype System for Collection of Safety Data from Police Crash Reports," 96<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January 08-12, 2017.
8. "Evaluation of Signage Alternatives for Express Lane Facilities: A Focus Group Study," 96<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January 08-12, 2017.
9. "An Automated System for Prioritizing Highway Improvement Locations and Analyzing Project Alternatives," 96<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January 08-12, 2017.
10. "Analysis of Bicycle Crashes with Spatial Autocorrelation: A Comparison of Conditional Autoregressive Models," 96<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January 08-12, 2017.
11. "Development of Decision Making Tool for Highway Safety Manual Implementation," 2016 Florida Section ASCE Conference, Jacksonville, FL, July 14-16, 2016.
12. "Engineering Statistics 101 for Safety," 2015 FDOT Design Training Expo, Orlando, FL, June 9-11, 2015.
13. "Development of a Decision Making Process for the Highway Safety Manual Implementation," 2015 UTC Conference for the Southeastern Region, Birmingham, AL, March 26-27, 2015.
14. "Comprehensive Study to Reduce Pedestrian Crashes in Florida," Presented to The Florida Senate Transportation Committee, Tallahassee, FL, March 12, 2015.
15. "Safety Impacts of Access Management Features in the Vicinity of Roundabouts," 94<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January 11-15, 2015.

16. "Preparing Input Data for SafetyAnalyst Implementation: The Florida Experience," 94<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January 11-15, 2015.
17. "Prioritization of Highway Safety Manual (HSM) Data Variables using Random Forest Algorithm," 94<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January 11-15, 2015.
18. "Pedestrian Safety at Signalized Intersections in Florida," 2<sup>nd</sup> ASCE Transportation and Development Institute (T&DI) Congress, Orlando, FL, June 8-11, 2014.
19. "Pedestrian Safety – As It Relates to Access Management," Regular Statewide Access Management Coordination Webinar, May 27, 2014 (co-presented with A. Gan).
20. "Pedestrian Safety at Signalized Intersections in Florida," 2014 UTC Conference for the Southeastern Region, Atlanta, GA, March 24-25, 2014.
21. "Feasibility and Design of Movable Bus Stop Boarding and Alighting Pads," 93<sup>rd</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January 12-16, 2014.
22. "Safety Impact of Roundabout Design on Vulnerable Road Users and Development of Roundabout Access Management Guidelines," 93<sup>rd</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January 12-16, 2014.
23. "Safety Impacts of Converting Two-Way Left-Turn Lanes to Raised Medians and Associated Design Concerns," 93<sup>rd</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January 12-16, 2014 (co-presented with K. Haleem).
24. "Businesses' Reaction to Conversion from Two-way Left-turn Lanes to Raised Medians," 93<sup>rd</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January 12-16, 2014.
25. "Data Needs for Implementing the Highway Safety Manual in Florida," Transportation Safety: From Research to Practice, University of Florida Safety Symposium, Orlando, FL, April 03, 2013.
26. "Florida's Deployment of SafetyAnalyst," Transportation Safety: From Research to Practice, University of Florida Safety Symposium, Orlando, FL, April 03, 2013 (co-presented with K. Haleem).
27. "Before-and-After Safety Study of Roadways Where New Medians Have Been Added," National Access Management Webinar, February 20, 2013 (co-presented with Mr. G. Sokolow, FDOT).
28. "Focus Group Study of Hybrid Static-Dynamic Signs for Traffic Safety Improvements," UTC Safety Symposium at University of Central Florida, Orlando, FL, February 14-15, 2013.
29. "Safety Evaluation of Cable Median Barriers in Florida," UTC Safety Symposium at University of Central Florida, Orlando, FL, February 14-15, 2013.
30. "In-service Performance Evaluation of Cable Median Barriers on Florida's Limited Access Facilities," 92<sup>nd</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January 13-17, 2013.
31. "Development of a Geographic Information System for SafetyAnalyst for Location Selection and Output Visualization," 92<sup>nd</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January 13-17, 2013 (co-presented with Ms. M. Ma).
32. "Advanced Methods in Highway Safety Analysis," Graduate Seminar, Department of Civil and Environmental Engineering, Florida International University, Miami, FL, September 07, 2012.
33. "Effect of Variations of CMFs on Predicted Crash Frequency on Rural Two-Lane Highways: Sensitivity Analysis," 91<sup>st</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January 22-26, 2012 (co-presented with J. Ogle).
34. "Effects of State-Specific SPFs, AADT Estimations, and Overdispersion Parameters on Crash Predictions Using SafetyAnalyst," 91<sup>st</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January 22-26, 2012 (co-presented with J. Ogle).

35. "Comparison of Calibration Factors Obtained Using Oregon and Georgia Data to Implement HSM Procedures on Two-Lane Two-Way Rural Roads," ITE Technical Conference and Exhibits, Orlando, FL, April 04, 2011.
36. "SafetyAnalyst: The Georgia Experience," 90<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, DC, January 23-27, 2011 (co-presented with J. Ogle).
37. "Implementing SafetyAnalyst: States' Perspective with Specific Examples from Georgia," Southern District Institute of Transportation Engineers Annual Meeting, Lafayette, LA, April 10-13, 2011 (co-presented with J. Ogle).
38. "Safety Data - Can You Have Too Much of a Good Thing?" International Traffic Records Forum, New Orleans, LA, July 26-28, 2010 (co-presented with J. Ogle).
39. "SafetyAnalyst: The Georgia Experience," International Traffic Records Forum, New Orleans, LA, July 26-28, 2010 (co-presented with J. Ogle).
40. "Comparison of Traditional and Advanced Methods in Identifying Roadway Sections for Safety Improvements," Southern District Institute of Transportation Engineers Annual Meeting, Portsmouth, VA, April 11-14, 2010.
41. "SafetyAnalyst: The Georgia Experience," Southern District Institute of Transportation Engineers Annual Meeting, Portsmouth, VA, April 11-14, 2010 (co-presented with J. Ogle).
42. "Costs and Benefits of Implementing SafetyAnalyst in State Transportation Agencies," Southern District Institute of Transportation Engineers Annual Meeting, Charleston, SC, April 1, 2008.
43. "Investigation of South Carolina Older Driver Speeds in Rural Settings," South Carolina Aging Research Conference, Columbia, SC, April 13, 2007 (co-presented with S. Day).
44. "Determining Roadside Treatments to Increase Awareness within Older Driver Populations of Speed Reductions in Transition Areas from Rural to Urban Settings," South Carolina Aging Research Conference, Columbia, SC, April 13, 2007 (co-presented with C. Hein).

#### **Project Presentations (6 in total)**

1. "Statewide Analysis of Bicycle Crashes," FDOT Project Closeout Presentation, May 24, 2017.
2. "Improved Processes for Meeting the Data Requirements for Implementing the Highway Safety Manual and SafetyAnalyst in Florida," FDOT Project Closeout Presentation, March 28, 2014.
3. "Comprehensive Study to Reduce Pedestrian Crashes in Florida," FDOT Project Closeout Presentation, January 31, 2014 (co-presented with A. Gan and K. Haleem).
4. "In-service Performance Evaluation (ISPE) for G4 (1S) Type of Strong-post W-beam Guardrail System and Cable Median Barrier," FDOT Project Closeout Presentation, January 28, 2013 (co-presented with A. Gan).
5. "Before-and-after Safety Study of Roadways Where New Medians Have Been Added," FDOT Project Closeout Presentation, December 19, 2012 (co-presented with A. Gan).
6. "Best Practices in the Use of Hybrid Static-Dynamic Signs," FDOT Project Closeout Presentation, November 28, 2012 (co-presented with A. Gan).

#### **Focus Groups and Technical Workshops (As Organizer and Presenter) (9 in total)**

1. *Safety Analyst Overview*, University of Florida T2 Center, Gainesville, Florida, October 15, 2018. Presented to researchers at the University of Florida T2 Center.
2. "Potential Applications of Safety Analyst," presented to the District Safety Engineers, Florida Department of Transportation, May 16, 2018.

3. *Safety Analyst Overview*, FIU Engineering Center, Miami, Florida, January 25, 2017. Presented to five Miami-Dade County Transportation Officials.
4. *Safety Analyst Workshop*, FIU Engineering Center, Miami, Florida, November 2-4, 2016. Presented to 25 Florida Department of Transportation District Safety Engineers.
5. “An Introduction to *Safety Analyst*,” presented to the District Safety Engineers, Florida Department of Transportation, December 1, 2015.
6. Presenter and moderator for six Focus Group Sessions for a USDOT project on Traffic Sign Alternatives at Entrances to Express Lanes, July 2015.
7. “Before and After Median Study: A Progress Report,” Florida Section ITE Winter Workshop, Orlando, FL, February 15, 2012.
8. Presenter and moderator for 10 Focus Group Sessions for a FDOT project on the Use of Hybrid Traffic Signs, September 2012.
9. “An Overview of SafetyAnalyst,” presented to the District Safety Officials, Florida Department of Transportation, November 07, 2011.

## TEACHING EXPERIENCE

### Courses Taught at Florida International University

Semester	Courses	Enrollment	Student Rating
Spring 2018	TTE 4804 <sup>a</sup> – Highway Geometric Design	22	4.20 (out of 5.0)
	TTE 5805 <sup>b</sup> – Highway Geometric Design	14	3.79 (out of 5.0)
Fall 2017	TTE 5315 <sup>b</sup> – Highway Safety Analysis	06	4.67 (out of 5.0)
Spring 2017	TTE 4804 <sup>a</sup> – Highway Geometric Design	30	3.48 (out of 4.0)
	TTE 5805 <sup>b</sup> – Highway Geometric Design	04	4.00 (out of 4.0)
Fall 2016	TTE 5315 <sup>b</sup> – Highway Safety Analysis	05	4.00 (out of 4.0)
Spring 2016	TTE 4804 <sup>a</sup> – Highway Geometric Design	22	2.63 (out of 4.0)
	TTE 5805 <sup>b</sup> – Highway Geometric Design	11	2.50 (out of 4.0)
Spring 2015	TTE 4804 <sup>a</sup> – Highway Geometric Design	13	2.78 (out of 4.0)
	TTE 5805 <sup>b</sup> – Highway Geometric Design	06	3.80 (out of 4.0)

<sup>a</sup> Undergraduate Section; <sup>b</sup> Graduate Section

### Courses Taught at Clemson University

- As instructor, CE 311 Transportation Engineering (undergraduate level online course), Summer 2011
- As co-instructor, CE 815 Transportation Safety Engineering (graduate level), Spring 2011
- As lab instructor, CE 411/611 Roadway Geometric Design using *GeoPak* with *MicroStation* (undergraduate and graduate level), Spring 2009

### Guest Lectures

- Course: CGN 4980 FE Seminar  
Topic: Probability and Statistics, FIU (Every Semester since Spring 2015)
- Course: Seminar for Undergraduate Students from Peru  
Topic: Transportation Safety, FIU (10/18/2016)
- Course: CGN 6939 Graduate Seminar  
Topic: Application of Advanced Statistical Models in Highway Safety Analysis, FIU (09/05/2014)
- Course: CGN 6939 Graduate Seminar  
Topic: Advanced Methods in Highway Safety Analysis, FIU (09/07/2012)



- Course: TTE 5107 Highway Safety Analysis  
Topic: SafetyAnalyst: A Comprehensive Safety Management Tool for DOTs, FIU (10/20/2011)
- Course: CE 311 Transportation Engineering  
Topic: Transportation Capacity Analysis, Clemson University (02/08/2011)
- Course: CE 411/611 Roadway Geometric Design  
Topic: Horizontal and Vertical Alignment of Roadways, Clemson University (02/07/2011 and 02/09/2011)
- Course: CE 311 Transportation Engineering  
Topic: Geometric Design of Roadways, Clemson University (10/28/2010 and 11/02/2010)

### **Graduate Teaching Assistant**

- CE 311 Transportation Engineering - Fall 2009, Spring 2010, and Summer 2010

### **PROFESSIONAL SERVICE AND MEMBERSHIPS**

#### **Professional Service**

- *Peer Reviewer*, for:
  - Journal of Traffic and Transportation Engineering (2018 - present)
  - Traffic Injury Prevention (2017 - present)
  - Transport Policy (2017 - present)
  - ASCE Journal of Transportation Engineering (2016 - present)
  - Transportmetrica A: Transport Science (2016 - present)
  - Accident Analysis & Prevention Journal (2015 - present)
  - Journal of Transportation Safety and Security (2015 - present)
  - Transportation Research Record: Journal of the Transportation Research Board (2012 - present)
    - Committee on Statistical Methods (ABJ80)
    - Committee on Pedestrians (ANF10)
    - Committee on Safety Data, Analysis and Evaluation (ANB20)
    - Committee on Signing and Marking Materials (AHD55)
    - Committee on Traffic Control Devices (AHB50)
  - ASCE Journal of Professional Issues in Engineering Education and Practice (2012 - present)
  - IEEE Transactions on Intelligent Transportation Systems and Intelligent Transportation Systems Magazine, 2011
- *Panelist*, for:
  - PE Civil Engineering Exam Standard Setting Study (Cut Score Workshop), May 2015
- *Conference Paper Reviewer*, for:
  - ASCE International Conference on Transportation and Development, 2016
- *Conference Abstract Reviewer*, for:
  - The 3<sup>rd</sup> Annual Conference of the Transportation Research Group (CTRG) of India, 2015
  - ITE Technical Conference and Exhibits, Institute of Transportation Engineers, 2011
- *Report Reviewer*, for:
  - Southeastern Transportation Research, Innovation, Development & Education Center (STRIDE), 2014
- *Book Reviewer*, for:
  - Federal Highway Administration, 2016 (Road Safety Engineering Textbook)
- *Policy Reviewer*, for:

- Proposals and recommendations by National Committee on Uniform Traffic Control Devices (NCUTCD), 2014
- *Moderator*, for:
  - Lectern Session on Non-motorized and Aging Population Issues, 2015 UTC Conference for the Southeastern Region, Birmingham, AL, March 26-27, 2015
  - Lectern Session on Safety Performance and Risk Management for Highways, 2<sup>nd</sup> ASCE Transportation and Development Institute (T&DI) Congress, Orlando, FL, June 10-11, 2014

### Professional Registrations/Certifications

- Professional Engineer (P.E.) in South Carolina, License No. 31161
- Engineer-in-Training (E.I.T) in South Carolina, License No. 17368
- CITI Training – Research with Human Subjects, FIU, 2012
- Road Safety 101, Clemson University, 2011
- Certificate in Engineering and Science Education, Clemson University, 2010
- CITI Training – Research with Human Subjects, Clemson University, 2006 and 2011
- ESRI Geoprocessing with ArcGIS Desktop, Clemson University, 2009
- ESRI Learning ArcGIS Spatial Analyst, Clemson University, 2009

### Professional Memberships

- *Executive Board Member*, ITE Transportation Safety Council, November 2018 - Present
- *Executive Board Member*, ITE Transportation Education Council, November 2018 - Present
- *Florida District Representative to the ITE Coordinating Council*, March 2018 - Present
- *Young Member*, Committee on Highway Safety Workforce Development (ANB23), Transportation Research Board of the National Academies (2013 - 2017)
  - *Member*, ANB23 Research Subcommittee (2015 - 2017)
  - *Member*, ANB23 Strategic Planning Taskforce (2015 - 2017)
- *Member*, Committee on Statistical Methodology and Statistical Computer Software in Transportation Research (ABJ80), Transportation Research Board of the National Academies (2011 - 2017)
- *Member*, American Society of Civil Engineers (2014 - present)
  - *Young Member*, ASCE Transportation Safety Committee (2014 - present)
- *Member*, ITE International (2006 - 2012; 2015 - present)
- *Member*, ITE Transportation Safety Council (2011 - 2012)
- *Member*, ITE Transportation Education Council (2011 - 2012)
- *Member*, Florida Section ITE (2011 - 2013; 2015 - present)
- *Member*, Clemson University ITE Student Chapter (2006 - 2011)
  - *Secretary*, Clemson University ITE Student Chapter (2010 - 2011)
  - *President*, Clemson University ITE Student Chapter (2007 - 2008)
  - *Secretary*, Clemson University ITE Student Chapter (2006 - 2007)
  - *Student Senator*, Clemson University Graduate Student Government, representing ITE Student Chapter (2007 - 2008)
- *Member*, Women's Transportation Seminar (WTS), South Florida Chapter (2011 - 2012)
- *Member*, Women's Transportation Seminar (WTS), Charlotte Metro Chapter (2009 - 2010)
- *Member*, Chi Epsilon Civil Engineering Honor Society (inducted April 2007)
- *Member*, The LeaderShape Institute (2009)
- *Member*, Clemson University ASCE Student Chapter (2006 - 2010)

### Collaborators and Their Affiliations

- *Dr. Walter Boot*, Associate Professor, Psychology, Florida State University
- *Dr. Fabian Cevallos*, Transit Program Director, Florida International University

- *Mr. Jack Freeman*, Senior Principal, Kittelson & Associates, Inc.
- *Dr. Albert Gan*, Professor, Florida International University
- *Mr. Larry Hagen*, Principal, Hagen Consulting Services
- *Dr. Xia Jin*, Associate Professor, Florida International University
- *Dr. Golam Kibria*, Professor, Florida International University
- *Dr. Pei-Sung Lin*, Professor, University of South Florida
- *Dr. Dennis McCarthy*, Associate Professor, Nova Southeastern University
- *Mr. Rick Mitinger*, General Manager, Advanced Transportation Engineering Consultants
- *Dr. Seckin Ozkul*, Research Associate Faculty, University of South Florida
- *Dr. Thobias Sando*, Professor, University of North Florida
- *Dr. Virginia Sisiopiku*, Associate Professor, The University of Alabama at Birmingham
- *Dr. Sivarmankrishna Srinivasan*, Associate Professor, University of Florida
- *Dr. Ruth Steiner*, Professor, University of Florida
- *Dr. Nakin Suksawang*, Assistant Professor, Florida Institute of Technology

### Honors and Awards

- *2018 Florida Section Young Transportation Professional of the Year*, FSITE Annual Meeting, Fort Lauderdale, FL, 2018
- *Faculty Mentorship Award*, FIU College of Engineering and Computing, 2017-2018
- Research Project *Comprehensive Study to Reduce Pedestrian Crashes in Florida* was featured in the 2015 AASHTO High Value Research Safety Research Supplemental Brochure.
- *Salary Increase (29%) for Consistent Exceptional Performance*, FIU College of Engineering and Computing, 2014
- *Merit Bonus (10%) for Exceptional Performance*, FIU College of Engineering and Computing, 2012
- *Salary Increase (25%) for Consistent Exceptional Performance*, FIU College of Engineering and Computing, 2012
- *Runner up*, Graduate Student Paper Competition, Southern District Institute of Transportation Engineers Annual Meeting, Portsmouth, VA, April 11-14, 2010
- *WTS Charlotte Metro Chapter Scholarship*, Women's Transportation Seminar (2010)
- *Eisenhower Graduate Fellowship*, US Department of Transportation (2007 and 2008)
- *William H. Temple Scholarship*, Southern District ITE (2008)
- *First Place Traffic Bowl (Team member)*, District 5 ITE Annual Meeting, Charleston, SC (2008)
- *Outstanding ITE Student Chapter Award*, while serving as the Chapter President, District 5 ITE, (2007 - 2008)
- *First Place Traffic Competition (Team member)*, ASCE Carolina Conference, Atlanta, GA (2007)

### SERVICE ACTIVITIES

- *Judge*, Undergraduate Research Showcase, 2018 Conference for Undergraduate Research at FIU, 03/27/2018
- *Panelist*, Alternative Ph.D. Career Paths, Graduate Student Appreciation Week at FIU, 03/21/2018
- *Emcee*, Opening Ceremony, 18<sup>th</sup> Annual Engineering Expo at FIU, 02/23/2018
- *Panelist*, Celebrating Women in the Workforce, UN Women at FIU Student Chapter, 02/21/2018
- *Representative from CEE Department*, NHTSA Safe Cars Save Lives Event, 08/09/2016
- *Faculty Advisor*, FIU Institute of Transportation Engineers (ITE) Student Chapter (2015 - present)
- *Program Co-Organizer*, Summer Transportation Camp at FIU (2015)
- *Program Coordinator*, Summer Transportation Camp at FIU (2014)
- *Coach*, FIU ITE Traffic Bowl Team (2012, 2014, and 2015)
- *President*, Association for India's Development (AID) - Clemson Chapter (2009 - 2010)
- *Secretary*, Association for India's Development (AID) - Clemson Chapter (2006 - 2009)

- *Public Relations Coordinator*, Clemson Indian Students Association (2007 - 2008)
- *Member*, Parking Review Board and Accident Review Board, Clemson University (2007 - 2008)

## STUDENT ADVISING

### Ph.D. Committee Co-Chair

1. Mr. Md Asif Raihan (Fall 2018): *Exploration of Highway Location Prioritization & Evaluation Methods for Bicycle Safety Improvements*

### Ph.D. Committee Member

1. Ms. Homa Fartash (2017): *Guidelines for Ramp Signaling Deployment* (Chair: Mohammad Hadi)
2. Mr. Jianmin Jia (2017): *Multi-Resolution Modeling to Support the Decision-Making Process in Highway Construction Projects* (Chair: Mohammad Hadi)
3. Mr. Li Tang (Summer 2015): *Automatic Extraction of Number of Lanes from Aerial Images for Transportation Applications* (Chair: Albert Gan)
4. Mr. Dibakar Saha (Fall 2014): *Improved Criteria for Estimating Calibration Factors for Highway Safety Manual (HSM) Applications* (Chair: Albert Gan)

### M.S. Project Committee Chair

1. Mr. Fabio Soto (Fall 2018): *Spatial Analysis and Bayesian Models to Identify and Analyze Pedestrian Crash Hotspots*
2. Ms. Trang Phan (Spring 2015): *Short-term Effects of Day Light Saving Time on Traffic Crashes in Florida*

### M.S. Project Committee Co-Chair

1. Mr. Andres Diaz (Summer 2013): *Safety Analysis of Access Features at Roundabouts in Florida* (Co-Chair: Albert Gan)

### M.S. Project Committee Member

1. Mr. Rodney Carrero-Vila (Summer 2017): *Ramp Signal Site Activation Analysis on Interstate 95 Northbound in Miami-Dade County*
2. Mr. Efthymios Ntampos (Fall 2016): *Quantifying Accuracy of Wi-fi Data in Travel Time Estimations*
3. Ms. Maria Adriana Cutillo (Summer 2016): *Estimating Upstream Signal Capacity by Considering Downstream Signalized Intersection Effect During Incident*
4. Mr. Fengjiang Hu (Spring 2015): *Exploring Daily Variations for Non-Mandatory Activity Duration and the Contribution of Socio-Economic and Demographic Variables*
5. Ms. Shanghong Ding (Summer 2012): *Acquisition of Roadway Geometric and Crash Data for Median and Guardrail Safety Evaluation*
6. Mr. Ho Pun Ng (Spring 2012): *Evaluation of Vehicle Emission Performance on I-95 for Incidents using MOVES2010a*
7. Ms. Meng Ma (Fall 2011): *Development of a Geographic Information System for SafetyAnalyst for Florida Applications*
8. Mr. Marcenel Joseph (Fall 2011): *Potential Applications of Hybrid Signs on Arterials*
9. Mr. Marco Lux (Fall 2011): *New Applications of Hybrid Static-Dynamic Signs on Freeways*

**PERSONNEL HIRED/SUPERVISED****Researchers Hired**

1. Ms. Maria Guevara (B.S. and M.S. in Civil Engg.), Research Associate, August 2018 - present
2. Dr. Wanyang Wu (B.S., M.S., and Ph.D. in Civil Engg.), Senior Research Associate, May 2018 - present
3. Ms. Michelle Angel (B.S. and M.S. in Civil Engg.), Research Associate, June 2018 - present
4. Dr. Dibakar Saha (B.S., M.S., and Ph.D. in Civil Engg.), Research Associate, June 2015 - Aug 2017

**Programmer Hired**

1. Ms. Jun Zheng (B.S., M.S., in Civil Engineering), Programmer, May 2016 - July 2016

**Visiting Scholars (Unpaid)**

1. Dr. Ing. Lissy La Paix, Faculty of Engineering Technology, University of Twente, The Netherlands, Summer, 2018.

**Ph.D. Students Hired**

1. Mr. Henrick Haule (Ph.D.) May 2018 - present
2. Mr. Md Sultan Ali (Ph.D.) May 2018 - present
3. Ms. Angela Kitali (Ph.D.) May 2017 - present
4. Mr. Sajidur Rahman Nafis (Ph.D.) August 2016 - present
5. Ms. Armana Sabiha Huq (Ph.D.) August 2015 - present
6. Mr. Md Asif Raihan (Ph.D.) January 2015 - present

**M.S. Students Hired**

1. Mr. Fabio Soto (M.S.) January 2018 - present
2. Mr. Luis Ortega Fernandez (M.S.) July 2015 - December 2015

**B.S. Student Hired**

1. Mr. Hector Vargas (B.S.) May 2018 - present
2. Ms. Monica Gonzalez (B.S.) April 2017 - January 2018

**Students Supervised**

1. Mr. Fernando Dahbura (B.S.) May 2016 - July 2016
2. Ms. Trang Phan (M.S.) January 2015 - April 2015
3. Mr. Md Asif Raihan (Ph.D.) January 2014 - December 2014
4. Ms. Homa Fartash (Ph.D.) June 2014 - August 2014
5. Mr. Eazaz Sadeghvaziri (Ph.D.) August 2014 - December 2014
6. Mr. Dibakar Saha (Ph.D.) August 2012 - December 2014
7. Mr. Mohammad Lavasani (Ph.D.) August 2013 - July 2014
8. Mr. Hussam Hadi (B.S.) June 2013 - November 2013
9. Mr. Andres Diaz (M.S.) January 2012 - October 2013
10. Ms. Maria Guevara (M.S.) January 2012 - August 2013
11. Ms. Katrina Meneses (M.S.) January 2012 - August 2013
12. Ms. Stephanie Miranda (M.S.) January 2012 - August 2013
13. Ms. Anita Pourji (M.S.) January 2012 - August 2013
14. Mr. Erik Echezabal (M.S.) August 2011 - July 2012

**STUDENT AWARDS****Faculty Advisor for Competitive Student Scholarship and Fellowship Awards**2019

1. Advisor for TRB Minority Student Fellows (Hector Vargas), 2019

2018

2. 3<sup>rd</sup> Place, Student Poster and Shark Tank Competition, 2018 FSITE Annual Meeting (Fabio Soto), 2018
3. Advisor for TRB Minority Student Fellows (Monica Gonzalez), 2018
4. FIU Worlds Ahead Graduate (Md Asif Raihan), 2018
5. Best Student Paper Award, 2018 Managing Roadways and Transit Meeting and Conference (Angela Kitali and Henrick Haule), 2018
6. Advisor for FIU/FSU Team selected as the Finalists in the NOCoE Transportation Technology Tournament (Angela Kitali, Fabio Soto, Jaqueline Masaki, and Wei Guo), 2018
7. 3<sup>rd</sup> Place, Student Poster Competition, Graduate Student Appreciation Week (Armana Huq), 2018
8. Advisor for TRB Minority Student Fellows (Monica Gonzalez), 2018
9. Life Savers Scholarship Award (Angela Kitali), 2018
10. NOCoE TRB Student Contest Winner (Angela Kitali), 2018
11. 2018 TRB Doctoral Student Research Showcase in Transportation Safety (Md Asif Raihan), 2018
12. FIU Dissertation Year Fellowship, (Md Asif Raihan), 2018

2017

13. 2<sup>nd</sup> Place, GCCITE Book Scholarship Competition (Md Asif Raihan), 2017
14. 1<sup>st</sup> Place, FSITE Student Poster Competition (Angela Kitali), 2017
15. 2<sup>nd</sup> Place, Mobility Miami FasTrack Ideation Challenge (One of the team member: Angela Kitali), 2017
16. FSITE Bill McGrath Transportation Studies Scholarship (Md Asif Raihan), 2017
17. FSITE/District 10 Henry P. Boggs Best Student Paper Award (Md Asif Raihan), 2017
18. ITE Daniel B. Fambro Student Paper Award (Md Asif Raihan), 2017

2016

19. Life Savers Scholarship Award (Md Asif Raihan), 2016

**Faculty Advisor for International ITE Best Student Chapter Award:**

1. 2015-2016 Best International ITE Student Chapter Award

**Faculty Advisor for District 10 ITE Best Student Chapter Award:**

1. 2016-2017 Best District 10 ITE Student Chapter Award
2. 2015-2016 Best District 10 ITE Student Chapter Award