University Transportation Center (UTC)
Conference for the Southeastern Region
March 26-27, 2015
Hyatt Regency
Birmingham, Alabama

CONFERENCE PROGRAM
Welcome

On behalf of the University Transportation Centers (UTCs) located in Federal Region 4 and the UAB community we are delighted to welcome you to Birmingham for the 2015 UTC Conference for the Southeastern Region.

The conference brings together a variety of transportation professionals – faculty, students, practitioners, and public officials – all engaged in transportation related research and implementation. The aim of the conference is to disseminate information about on-going activities at partner universities and strengthen collaboration among the academic community and the private and public sector agencies in the region.

The conference is hosted by the University of Alabama at Birmingham (UAB) and Mississippi State University (MSU) and is sponsored by the USDOT’s Office of the Assistant Secretary for Research and Technology (OST-R) and the following UTCs:

- **Region 4 (2012)- Southeastern Transportation, Research Innovation, Development and Education Center (STRIDE)**
  - University of Florida (lead); Auburn University; Florida International University; Georgia Institute of Technology; Mississippi State University; North Carolina State University; University of Alabama at Birmingham; University of North Carolina – Chapel Hill

- **Region 4 (2013)- Southeastern Transportation Center (STC)**
  - University of Tennessee-Knoxville (lead); University of Alabama; University of Alabama Birmingham; University of Central Florida; University of South Florida; University of Kentucky; North Carolina A&T State University; University of North Carolina-Chapel Hill; Clemson University

- **National Center for Transportation Systems Productivity and Management (NCTSPM)**
  - Georgia Institute of Technology (lead); Florida International University; University of Alabama at Birmingham; University of Central Florida

- **National Center for Intermodal Transportation for Economic Competitiveness (NCITEC)**
  - Mississippi State University (lead); Hampton University, Louisiana State University; University of Denver, and University of Mississippi

- **National Center for Transit Research (NCTR)**
  - University of South Florida (lead); Florida International University, North Dakota State University; Texas A&M; University of Illinois at Chicago

- **Electric Vehicle Transportation Center (EVTC)**
  - University of Central Florida (lead); University of Hawaii at Manoa; Tuskegee University

- **Accessibility and Safety for an Aging Population (ASAP)**
  - Florida State University (lead); Florida A&M University; University of North Florida

- **Accelerated Bridge Construction UTC (ABC UTC)**
  - Florida International University (lead); Iowa State University; University of Nevada, Reno

We greatly appreciate the contributions of the conference sponsors and thank them for their generosity and strong commitment to transportation research, innovation, education, and workforce development. We are also very thankful to the many speakers and other volunteers who assisted in making this conference a success.

Welcome to Birmingham and enjoy the conference!

*Virginia and John*
## Conference Agenda

### Thursday, March 26, 2015

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<td>Registration and Breakfast [Wyndsor Ballroom, Lobby Level]</td>
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<tr>
<td>08:30 am – 10:30 am</td>
<td>Plenary Session [Riverchase A&amp;B, Second Level]</td>
<td>Welcome and Opening Remarks</td>
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<td>Keynote Speaker</td>
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<td>UTC Directors Updates</td>
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<td>Morning Break [Prefunction Area, Second Level]</td>
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<td>11:00 am – 12:00 pm</td>
<td>Technical Sessions</td>
<td>Session 1 – Freight and Logistics [Riverchase A]</td>
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<td>Session 2 – Education and Workforce Development [Riverchase B]</td>
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<td>12:00 pm – 01:15 pm</td>
<td>Lunch [Wyndsor Ballroom, Lobby Level]</td>
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<td>01:15 pm – 03:00 pm</td>
<td>Technical Sessions</td>
<td>Session 3 – State of Good Repair-1 [Riverchase A]</td>
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<td>Session 4 – Traffic Safety [Riverchase B]</td>
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<td>Afternoon Break [Prefunction Area, Second Level]</td>
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<td>03:30 pm – 04:45 pm</td>
<td>Breakout Sessions</td>
<td>State DOT Panel Discussions [Riverchase A]</td>
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<td>ITE/WTS Student Chapters Meeting [Riverchase B]</td>
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<td>05:00 pm – 06:00 pm</td>
<td>Poster Session [Wyndsor Ballroom, Lobby Level]</td>
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<td>05:30 pm – 07:00 pm</td>
<td>Reception [Wyndsor Ballroom, Lobby Level]</td>
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### Friday, March 27, 2015

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<td>Breakfast [Wyndsor Ballroom, Lobby Level]</td>
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<td>08:45 am – 10:30 am</td>
<td>Technical Sessions</td>
<td>Session 5 – Operations and Management [Riverchase A]</td>
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<td>Session 6 – State of Good Repair-2 [Riverchase B]</td>
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<td>Morning Break [Prefunction Area, Second Level]</td>
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<td>11:00 am – 12:30 pm</td>
<td>Technical Sessions</td>
<td>Session 7 – Policy and Economics [Riverchase A]</td>
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<td>Session 8 – Non-Motorized and Aging Population Issues [Riverchase B]</td>
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7:45 am to 8:30 am  REGISTRATION AND BREAKFAST [Wyndsor Ballroom, Lobby Level]

8:30 am to 10:30 am  PLENARY SESSION [Riverchase A&B, Second Level]

8:30-8:45 am  Welcome and Opening Remarks
Dr. Virginia Sisiopiku, University of Alabama at Birmingham (UAB)
Dean Iwan Alexander, University of Alabama at Birmingham (UAB)

8:45 -9:45 am  Keynote Presentation, Introduction by Dr. John Usher (MSU)
Mr. Michael F. Trentacoste, FHWA Associate Administrator for RD&T and Director of the Turner Fairbank Highway Research Center

9:45 -10:30 am  UTC Directors Updates, Introductions by Dr. Fouad H. Fouad (UAB)
STRIDE, Dr. Lily Elefteriadou, University of Florida (UF)
STC, Dr. Stephen H. Richards, University of Tennessee-Knoxville (UTK)
NCTSPM, Dr. Michael Hunter, Georgia Institute of Technology (GaTech)
NCITEC, Dr. John Usher, Mississippi State University (MSU)
NCTR, Dr. Joel M. Volinski, University of South Florida (USF)
EVTC, Mr. Kevin Schleith, University of Central Florida (UCF)
ABC-UTC, Dr. Priyanka Alluri, Florida International University (FIU)
ASAP, Dr. John Olusegun Sobanjo, Florida State University (FSU)

10:30 am to 11:00 am  MORNING BREAK [Prefunction Area, Second Level]

11:00 am to 12:00 pm  TECHNICAL SESSIONS

Session 1 – Freight and Logistics [Riverchase A]
Moderator: Dr. Maranda McBride (NC A&T State U)
(Each presentation including Q&A is 20 min long)

    Modeling and Assessing the Cost of Delays on an Heavily Trafficked Intercity Truck Corridor, Frank Southworth (GaTech), and Denise Smith (GaTech)

    Understanding the Value of Travel Time Reliability for Freight Transportation, Xia Jin (FIU), and Kollol Shams (FIU)

    Economically Viable Intermodal Integration of Surface and Waterway Freight Transport for Sustainable Supply Chain, Waheed Uddin (University of Mississippi), Seth Cobb (University of Mississippi), Patrick Sherry (DU), Burak Eksioglu (Clemson University)
Session 2 – Education and Workforce Development [Riverchase B]

Moderator: Dr. Li Zhang (MSU)
(Each presentation including Q&A is 20 min long)

Private Industry Partnerships for Transportation-Based Educational Initiatives: Distracted Driving Education with U-Haul International, Inc., Despina Stavrinos (UAB), and Benjamin McManus (UAB)

Engaging in Engineering Initiative with Centennial Elementary School, Atiyya Shaw (GaTech), Alice Grossman (GaTech), Prabha Pratyaksa (GaTech), Aaron Greenwood (GaTech), and Yanzhi “Ann” Xu (GaTech)

Direct and Indirect Public Communication about Toxic Transportation Spills, Kristen Alley Swain (University of Mississippi)

12:00 pm to 01:15 pm  LUNCH [Wyndsor Ballroom]

01:15 to 03:00 pm  TECHNICAL SESSIONS

Session 3 – State of Good Repair I [Riverchase A]

Moderator: Dr. Waheed Uddin (University of Mississippi)
(Each presentation including Q&A is 20 min long)

Next Generation Intelligent Crack Sealing Planning using 3D Laser Technology, Yichang (James) Tsai (GaTech), Zhaohua Wang (GaTech), and Chenglong Jiang (GaTech)

Lightweight UHPC-FRP Composite Deck System, Munaf Al-Ramahee (UCF), Kevin R. Mackie (UCF), Amir Mirmiran (FIU), Sahar Ghasemi (FIU), Fouad H. Fouad (UAB), and Chris Waldron (UAB)

Automatic Pavement Crack Evaluation Using 3D Laser Data and Crack Fundamental Element Model, Yichang (James) Tsai (GaTech), Zhaohua Wang (GaTech), and Chenglong Jiang (GaTech)

Harvesting Vibrational Energy Due to Intermodal Transport Systems Via Nano Coated Piezo Electric Devices, Tyrus A. McCarty (University of Mississippi), and Jagdish Sharma (University of Mississippi)

Preliminary Evaluation of North Mississippi Bridge Vulnerability to Natural Hazards, Charles T. Swann (University of Mississippi), and Christopher L. Mullen (University of Mississippi)
Session 4 – Traffic Safety [Riverchase B]

Moderator: Dr. Essam Radwan (UCF)

(Each presentation including Q&A is 20 min long)

Assessment of Sidewalk/Bicycle-Lane Gaps with Pedestrian Safety, Hatem Abou-Senna (UCF), and Essam Radwan (UCF)

Evaluation of the Cost Effectiveness of Illumination as a Safety Treatment at Rural Intersections, Angshuman Guin (GaTech), Michael Rodgers (GaTech), Roger Purcell (MGC), and Franklin Gbologah (GaTech)

Applications of Intelligent Transportation Systems Data for Safety and Mobility Improvement on Urban Expressways, Qi Shi (UCF), and Mohamed Abdel-Aty (UCF)

Development of a Decision Making Process for the Highway Safety Manual Implementation, Priyanka Alluri (FIU), and Albert Gan (FIU)

Influence of Personality on Teen Texting While Driving Perceptions, Maranda McBride (NC A&T State U), and Lemuria Carter (NC A&T State U)

03:00 pm to 03:30 pm  AFTERNOON BREAK [Prefunction Area]

03:30 pm to 04:45 pm  BREAKOUT SESSIONS

Breakout 1 – Working Together: State DOT/MPO Panel [Riverchase A]

Moderator: Dr. Lily Elefteriadou (UF)

Ms. Katy Braden, Tennessee DOT
Mr. David Jared, Georgia DOT
Mr. Scott Tillman, Regional Planning Commission of Greater Birmingham

Breakout 2 – ITE/WTS Student Chapters Meeting [Riverchase B]

Moderator: Mrs. Ines Aviles-Spadoni, UF

Mrs. Becky White, Sain Associates, Inc. (ALSITE/SDITE)
Ms. Jessica Wallet (WTS International)
Student Chapters Representatives

05:00 pm to 06:00 pm  POSTER SESSION

Poster Session – UTC Region 4 Research in Progress [Wyndso Ballroom]

Moderator: Dr. Despina Stavrinos, UAB

(A list of poster presentations in available on page 8)

05:30 pm to 07:00 pm  RECEPTION

Reception [Wyndso Ballroom]
8:00 am to 8:45 am  BREAKFAST [Wyndsor Ballroom]

8:45 am to 10:30 am  TECHNICAL SESSIONS

Session 5 – Operations and Management [Riverchase A]

Moderator: Dr. Nagui Rouphail (NCSU)
(Each presentation including Q&A is 20 min long)

Estimation of Freeway Density Based on the Combination of Point Traffic Detector Data and Automatic Vehicle Identification Data, Somaye Fakharian Qom (FIU), Yan Xiao (FIU), Mohammed Hadi (FIU), Haitham Al-Deek (UCF)

I-85 HOV to HOT Carpool Survey Results, Hanyan Li (Georgia Tech), Sara Khoeini (Georgia Tech), Yanzhi Xu (Georgia Tech), and Randall Guensler (Georgia Tech)

Examining the Impact of Reduced Visibility on Traffic Parameters using Weather and Traffic Sensors, Yichuan Peng (UCF), Mohamed Abdel-Aty (UCF), and Jaeyoung Lee (UCF)

Cooperative Vehicle-Highway Automation (CVHA) Technology: Simulation of Benefits and Operational Issues, Michael Rodgers (GaTech), Angshuman Guin (GaTech), Mohammed Hadi (FIU), Michael Hunter (GaTech), Aaron Greenwood (GaTech), Prabha Pratyaksa (GaTech), and Ziwei Huang (GaTech)

Implementation of On-Board-Diagnostics (OBD) Data into a Custom Traffic Microsimulation Tool, Seckin Ozkul (USF), and Scott Washburn (UF)

Session 6 – State of Good Repair II [Riverchase B]

Moderator: Dr. Ian Hosch (UAB)
(Each presentation including Q&A is 20 min long)

Drive-by Bridge Damage Evaluation Using Relative Displacement History, Ahmed El-Hattab (UAB), Nasim Uddin (UAB), and Eugene Obrien (UCD)

Field Validation of a Drive-By Bridge Inspection System with Wireless BWIM+NDE Devices, Dapeng Zhu (GaTech), Xinjun Dong (GaTech), Xi Liu (GaTech), Yang Wang (GaTech), Nasim Uddin (UAB), Laurence J. Jacobs (GaTech), and Jin-Yeon Kim (GaTech)

Using the Acoustic Emission Technology for Highway Bridge Monitoring Applications, Vitali Khaikine (Hampton U), Vadivel Jagasivamani (Hampton U), and Eric Sheppard (Hampton U)

Two-Dimensional Flood Modeling for the Assessment of Impacts on Critical Infrastructures, Mustafa Altinakar (University of Mississippi), Marcus McGrath (University of Mississippi), Vijay Ramalingam (University of Mississippi), and Waheed Uddin (University of Mississippi)
**Bridge Damage Detection using Deck Level Vibrations—Preliminary Findings from FE Analysis and Shake Table Tests**, Chris L. Mullen (University of Mississippi), and Elizabeth K. Ervin (University of Mississippi)

**10:30 am to 11:00 am** MORNING BREAK [Prefunction Area]

**11:00 am to 12:30 pm** TECHNICAL SESSIONS

**Session 7 – Policy and Economics** [Riverchase A]

**Moderator:** Dr. Michael Hunter (GaTech)

*(Each presentation including Q&A is 20 min long)*

**Electric Vehicles Impact on Gas Tax Shortfalls for Highway Funding**, Kevin Schleith (UCF)

**Role of Transportation Management Associations in Traffic Operations**, Angshuman Guin (GaTech), Michael Hunter (GaTech), Darren Harris (GDOT), and Abhilasha Saroj (GaTech)

**Needs Assessment for Multi-Modal Emergency Transportation Operations with a Focus on an Aging Population**, Eren E. Ozguven (FAMU-FSU), Mark W. Horner (FSU), Ayberk Kocatepe (FAMU-FSU), Jean M. Marcelin (FSU), Yassir Abdelrazig (FAMU-FSU), Thobias Sando (UNF), and Ren Moses (FAMU-FSU)

**A Data Driven Approach to State Transportation Investment Decisions: a Transportation Project Investment and Evaluation Resource (T-Pier)**, Timothy F. Welch (GaTech)

**Session 8 – Non-Motorized and Aging Population Issues** [Riverchase B]

**Moderator:** Dr. Priyanka Alluri (FIU)

*(Each presentation including Q&A is 20 min long)*


**Evaluating Virtual Reality to Teach Children Pedestrian Safety: Initial Results from a Pragmatic Trial**, David C. Schwebel (UAB), Tabitha Combs (UNC), Daniel Rodriguez (UNC), Virginia Sisiopiku (UAB), and Joan Severson (Digital Artefacts, LLC)

**A Comparative Analysis of Accessibility Outcomes for Aging Populations: Evidence from a Medium-Sized City**, Mark W. Horner (FSU), Michael D. Duncan (FSU), Brittanay Wood (FSU), Yazmin Valdez-Torres (FSU), and Chris Stansbury (FSU)

**12:30 pm** ADJOURN
List of Poster Presentations

Thursday, March 26, 2015 5:00-7:00

1. **Flashing Yellow Arrow Perception and Factors that Influence Comprehension**, Kimberly Barajas (FSU), Walter Boot (FSU), Neil Charness (FSU), Ainsley Mitchum (FSU), Rebekah Landbeck (FSU), Cary Stothart (FSU)
2. **Dynamic Traffic Control Interventions for Enhanced Mobility and Economic Competitiveness**, Lake Trask (NCSU), Behzad Aghdashi (NCSU), Nagui Rouphail (NCSU), Samaneh Khazraeian (FIU), Mohammed Hadi (FIU), Yan Xiao (FIU)
3. **Adaptive Ramp Metering Modeling in the Highway Capacity Manual (HCM) Environment**, Samaneh Khazraeian (FIU), Behzad Aghdashi (NCSU), Mohammed Hadi (FIU), Nagui Rouphail (NCSU), Yan Xiao (FIU)
5. **Efficient Control of Automated Vehicles on Freeway Merge Segments**, Clark Letter (UF), Lily Elefteriadou (UF)
6. **Effects of Different Sign Alternatives on Drivers’ Behavior at Express Lane Entrances: A Driving Simulator Study**, Eazaz Sadeghvaziri (FIU), Kirollos Haleem (FIU), Homa Fartash (FIU), Priyanka Alluri (FIU), Albert Gan (FIU)
7. **Improved Methods for Delineating Diverges in Work Zones**, Atiyya Shaw (GT), Aaron Greenwood (GT), JongIn Bae (GT), William Woolery (GT), Yanzhi Xu (GT), Angshuman Guin (GT), Michael Rodgers (GT), Gregory Corso (MSU), Michael Hunter (GT)
8. **Effects of Roadway Complexity on Drivers with ADHD**, Atiyya Shaw (GT), JongIn Bae (GT), William Woolery (GT), Gregory M. Corso (MSU), Michael O. Rodgers (GT), Michael P. Hunter (GT)
9. **Do Adolescents Prioritize Advanced Vehicle Safety Features?**, Benjamin McManus (UAB), Lesley A. Ross (PSU), Despina Stavrinos (UAB)
10. **Differential Impact of Personality Traits on Distracted Driving Behaviors in Teen and Older Drivers**, Morgan Parr (UAB), Lesley A. Ross (PSU), Despina Stavrinos (UAB)
12. **Integrated Simulation and Safety for Bicycles and Pedestrians**, Jiawei Wu (UCF), Barry Darius (UCF), Dr. Hatem Abou-Senna (UCF), Dr. Essam Radwan (UCF)
13. **Associations between Self-efficacy and Children’s Pedestrian Safety Following Training**, Hayley Wells (UAB), Jenni Rouse (UAB), Anna Johnston (UAB), Virginia Sisiopiku (UAB), Daniel Rodriguez (UNC), Tab Combs (UNC), David C. Schwebel (UAB)
14. **Am I a good driver? Can Self-ratings of Global Driving Experience and Quality Predict Risky Driving Behavior in Teen Drivers?**, Caitlin Pope (UAB), Lesley A. Ross (PSU), Despina Stavrinos (UAB)
15. **The Influence of Self-Efficacy and Perceived Safety in Neighborhood on Children’s Frequency of Walking to/from School**, Jiabin Shen (UAB), Virginia Sisiopiku (UAB), Daniel Rodriguez (UNC), Tab Combs (UNC), Manasvee Godbole (UAB), David Schwebel (UAB)
16. **Effect of Training in Virtual Reality on Children’s Self-efficacy Regarding Pedestrian Behavior**, Manasvee Godbole (UAB), Daniel A. Rodriguez (UNC), Tab Combs (UNC), Virginia P. Sisiopiku (UAB), David C. Schwebel (UAB)
17. **Are Traffic Safety Rules and Experience Sufficient to Make Children Safe Pedestrians?**, Jenni B. Rouse (UAB), Rachel Smith (UAB), Mandy Sessions (UAB), Tab Combs (UNC), Daniel Rodriguez (UNC), Virginia Sisiopiku (UAB), & David C. Schwebel (UAB)
18. **How Do Disaster Relief Needs Compare between Aging and the General Population? A Spatial Network Optimization Analysis of Relief Facility Locations**, Jean Michael Marcelin (FSU), Mark W. Horner (FSU), Eren Erman Ozguven (FSU), Ayberk Kocatepe (FSU)
19. **Comparisons among Mother-Daughter and Mother-Son Self-Reported Driving Styles**, Shannon Wittig (UAB), Lesley A. Ross (PSU), Despina Stavrinos (UAB)

20. **Investigating the Relationship between Temperament and Risky Driving Behavior**, Haley Johnson (UAB), Despina Stavrinos (UAB)

21. **Evaluating the Performance of the Negative Binomial and Conway Maxwell Poisson Safety Performance Function for Railway-Highway at Grade Crossing**, Gaurav Mehta (UA), Jing Li (UA), Steven Jones Jr. (UA)

22. **Confirmatory Factor analysis of Factor Structures of the Safety Culture Survey in the Transportation Industry: The Relationship between Safety Culture and Employee Accidents**, Keaton Zucker (DU), Patrick Sherry (DU), David Colarossi (NCIT)

23. **Investigating Safety Aspects of Digital Advertising Billboards in the Southeastern Region**, Mozahidul Islam (UAB), Virginia P. Sisiopiku (UAB), Kirolos Haleem (FIU), Priyanka Alluri (FIU), Andrew Sullivan (UAB), Despina Stavrinos (UAB), Albert Gan (FIU)

24. **An Aging Population Focused Evaluation of Evacuation Operations with a GIS-based Application in Florida**, Ayberk Kocatepe (FSU), Eren Erman Ozguven (FSU), Mark Horner (FSU), Jean Michael Marcelin (FSU), Yassir Abdelrazig (FSU), Thobias Sando (FSU), Ren Moses (FSU)

25. **Analyzing Crash Clusters near Senior Destination Sites Using a GIS Approach**, Sai Saylesh Vemulapalli (FSU), Eren Erman Ozguven (FSU), Thobias Sando (UNF), Yassir Abdelrazig (FSU), Ren Moses (FSU)


27. **A Spatial Analysis-based Approach for Airport Operations with a Focus on Aging Populations**, Hidayet Ozel (FSU), Eren Erman Ozguven (FSU), Ayberk Kocatepe (FSU)

28. **GIS-Based Evaluation of Selective Law Enforcement Campaigns to Develop Crash Modification Factors**, Jenna Simandl (UA)

29. **Safety & Health in Intermodal Transportation: The Prevalence and Consequences of Operator Assault**, Jessica Mantia (DU), Keaton Zucker (DU), Patrick Sherry (DU)

30. **Real-Time Transit Vehicle Routing Optimization in Intermodal Emergency Evacuations**, Lei Zhang (MSU), Yi Wen (MSU), Li Zhang (MSU), Xiaopeng Li (MSU)


32. **Comparison of Freight Demand Forecasting Models**, Ehsan Doustmohammadi (UAB), Andrew Sullivan (UAB), Virginia P. Sisiopiku (UAB)

33. **A State-of-the-Practice Review of Project Prioritization Methods of State Departments of Transportation**, Asif Raihan (FIU), Priyanka Alluri (FIU), Albert Gan (FIU)

34. **Economic Viability of Mississippi Gulf Coast Commuter Rail Service**, Seth Cobb (UMS), Waheed Uddin (UMS)

35. **Intermodal Transportation Systems Risk Analysis and Resilience in New Madrid Seismic Zone: the Impact to Mississippi**, William Case Fulcher (MSU), Li Zhang (MSU), Xiaopeng Li (MSU), Lei Zhang (MSU)

36. **Simplification of US Girder Bridges and Heavy Vehicle Finite Element Model for Potential Bridge Weigh in Motion Application**, Rahul Kalyankar (UAB), Nasim Uddin (UAB)

37. **Improved Macroscopic Vehicle Emission Model Utilizing MOVES Estimation based on Operation Mode Distribution**, Xuanwu Chen (FIU), Yan Xiao (FIU), Mohammed Hadi (FIU), Lily Elefteriadou (UF)

38. **Drive-by Bridge Damage Detection using Apparent Profile**, Ahmed El-Hattab (UAB), Nasim Uddin (UAB), Eugene Obrien (UCD)

39. **A Review of three Ongoing Researches in ABC-UTC Center at Florida International University**, Alireza Mohammadi (FIU), R. Taghinezhad (FIU), J. Gull (FIU), D. Garber (FIU), A. Azizinamini (FIU)

40. **Numerical Modeling and Simulation of Extreme Flood Inundation to Assess Vulnerability of Transportation Infrastructure Assets**, Alper Durmus (UMS), Q. Nguyen (UMS), M.Z. McGrath (UMS), M.S. Altinakar (UMS) and W. Uddin (UMS)

41. **Visibility Sensitive Pedestrian Gap Acceptance Models for Two Way Stop Controlled Sections**, Shrikanth Mamidipalli (UAB), Virginia Sisiopiku (UAB)
HYATT REGENCY  BIRMINGHAM-
THE WYNFREY HOTEL
1000 Riverchase Galleria,
Birmingham, AL 35244
USA
T +1 205 705 1234
F +1 205 988 4597
hyattregencywynfrey.com

2015 UTC CONFERENCE FOR THE
SOUTHEASTERN REGION

March 26-27, 2015

FLOOR PLAN

Lobby Level

Second Level