Track C: Transportation Safety
Monday, June 10, 2019 (Room: TBA)
Track Chair: Bob Bryson, City of Milwaukee (Retd.)

1:30 to 3:00 PM

**Safety Effects of Roadway Elements & Traffic Control**
Moderator: TBA

- **Pedestrian and Bicyclist Crash Trends in Shared Bus-Bike Lanes**, Istiak A. Bhuyan and Celeste Chavis, *Morgan State University*
- **Analyzing the Safety Impacts of Raised Median Islands**, Grant Schultz, Marlee Seat, Wyatt Clegg, Mitsuru Saito, *Brigham Young University*
- **Assessing the Impact of Protected Bicycle Infrastructure on Driver Behavior**, Aikaterini Deliali, Francis Tainter, Nicholas Campbell, Eleni Christofa and Michael Knodler, *University of Massachusetts Amherst*

3:30 to 5:00 PM

**Railroad Grade Crossing Safety**
Moderator: TBA

- **National Crossing Inventory and Emergency Notification System (ENS)**, James Dahlem, *Federal Railroad Administration*
- **Advanced Railroad Grade Cross Technologies in North Carolina**, Matthew Simmons, *North Carolina DOT*
- **Advanced Information Systems at Railroad Grade Crossings**, Garreth Rempel, *TRAINFO*

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Tuesday, June 11, 2019 (Room: TBA)

Track C: Transportation Safety

Track Chair: Bob Bryson, City of Milwaukee (Retd.)

1:30 to 3:00 PM

**Crash Prediction and Assessment**

Moderator: TBA

- “If it ain't broke…” and **Other Safety Lessons**, Kendra Schenk, *Burgess and Niple, Inc.*
- **Developing Safety Performance Functions for Bicycle-Vehicle Crashes on Segments and Intersections in Alabama Using Different Modeling Techniques**, Kirolos Haleem, *Western Kentucky University*; Naveen Mallipaddi, *The University of Alabama in Huntsville*
- **Evaluating CAV Safety Impacts with Simulation and Artificial Intelligence**, Sikai Chen, *Purdue University*
- **Predicting Vulnerable Road User Crashes Based on Seasonable Pattern**, Wei Zhang and Chenhui Liu, *FHWA*

3:30 to 5:00 PM

**Big Data Collection and Analysis to Achieve Vision Zero**

Moderator: TBA

- **Designing for Sustainable Safety and Vision Zero**, Melany Alliston-Brick, Emily Koehle, and Megan McCarthy Graham, *Toole Design Group, LLC*
- **A Methodology for Analyzing Intersection Safety**, Grant Schultz and Mitsuru Saito, *Brigham Young University*; Joshua Gibbons, *Hales Engineering*
- **Preventing Rear-End Collisions at Suburban Signalized Intersections**, Yen-Hsiang Chen, Yen-Hsiang Chen, and Gang-Len Chang, *University of Maryland*; Sung Yoon Park and Minseok Kim, *Maryland Department of Transportation State Highway Administration*

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Track C: Transportation Safety

Wednesday, June 12, 2019 (Room: TBA)

Track Chair: Bob Bryson, City of Milwaukee (Retd.)

9:15 to 10:45 AM

Financial, Legal, and Policy Issues for Transportation Safety
Moderator: TBA

- Predictive Analytics for Law Enforcement to Improve Traffic Safety, Andi Bill, University of Wisconsin
- Explore First Order Approximation of Energy Equivalence of Safety at Intersections, Lei Zhu and Stan Young, National Renewable Energy Lab (NREL)
- Improving Drivers' Education Regarding Wrong Way Driving Incidents, Mohammad Jalayer, Jason Roberts, and Kevin Takacs, Rowan University
- Crash Reporting Procedures: A Pacific Northwest Case Study, Kevin Chang, University of Idaho

11:00 AM to 12:00 PM

Research Related to Crash Problem Identification and Prevention
Moderator: TBA

- A Driving Simulator Study Evaluating Secondary Crashes for Prevention Purposes, Michael Williamson, Indiana State University
- Modeling the Surrogate Safety of Various Left-Turn Phase Sequences, Rohith Prakash Panthangi, AECOM; Francis Tainter, University of Massachusetts Amherst
- City of Lakeland, FL: Intersection Collision Avoidance Safety Program – iCASP, Angelo Rao, City of Lakeland
- Operational Analysis of School Zones Using a Driving Simulator, Didier Valdes, Benjamin Colucci, Alberto Figueroa, Enid Colon Torres, Maria Rojas, Ricardo Garcia, Yindhira Taveras, Ivelisse Ramos, and Carolyn Arroyo, University of Puerto Rico at Mayaguez

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