



Transportation Research Board 2020 Safety and Security Conference and APTA Mid-Year Safety Virtual Seminar

Agenda Overview

Tuesday, November 17, 2020

11:00AM – 12:30PM

Conference Opening Session

- **Welcome and Housekeeping**
Lisa Staes, *Chair TRB Standing Committee on Transit Safety and Security, Associate Director, USF Center for Urban Transportation Research*
- **Special Speakers**
Neil Pederson, *Executive Director, TRB*; Paul Skoutelas, *President and CEO, APTA*
- **Keynote**
K. Jane Williams, *FTA Deputy Administrator*
- **Special Session Presentation and Discussion: 2020 APTA Safety and Security Awardee Roundtable – Moderated by Brian Alberts, Director of Safety, APTA**

1:00PM – 2:45PM

Breakout Session IA: Transit Employee Safety and Security – Assaults and Bus Barriers

Moderator: Lisa Staes, *Chair TRB Standing Committee on Transit Safety and Security, CUTRI/USF*

- Colin Mulloy, *Chief Safety and Security Officer – Hillsborough Area Regional Transit Authority (HART), Tampa, FL*
- Rebecca Zelt, *Managing Director of Safety and Security, King County Metro, Seattle, WA*
- Shawn Metcalf, *Chief of Policy and Safety Lead, METRO Regional Transit Authority, Akron, OH*
- Andrew Krum, *Virginia Tech Transportation Institute*

Breakout Session IB: Security Issues and Threats – Weather and Natural Disaster-Related Response and Recovery – Lessons Learned

Moderator: Marla Blagg, *Executive Director, Safety and Security, TriMet*

- **Agency Perspective**
Tim Kelly, *Executive Vice President, Operations, Public Safety & Consumer Service, Houston Metro (retired)*
 - **Strategies for Improving Hurricane Resiliency in the Tampa Bay Area**
Alexander Kolpokov, *Research Associate, Center for Urban Transportation Research, University of South Florida*
 - **Agency Perspective**
Wanda Dunham, *MARTA Chief of Police (retired)*
 - **Planning Effective Evacuation Routes: How Big Data Can Help Understand Evacuation Risk**
Tom Grogan, *Streetlight Data*
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Breakout Session 2A: Passenger and Public Safety – Collision Warning/Avoidance and Vehicle Safety

Moderator: Gerard Ruggiero, AECOM and Chair – APTA Bus Safety Committee

- **TCRP Synthesis I 45: Current Practices in the Use of Onboard Technologies to Avoid Transit Bus Incidents and Accidents**
Jodi Godfrey, *Center for Urban Transportation Research, University of South Florida*
- **Evaluation of a Bus Collision Avoidance Warning System in University Towns**
Noah Goodall, *Senior Research Scientist, Virginia Transportation Research Council*
- **Revenue Service Testing of Bus Automated Emergency Braking – Pierce Transit Demonstration**
Heidi Soule, *PMO Manager, Pierce Transit, Lakewood, WA* and Jerome Lutin, *PhD*
- **Comparison of Vehicle-to-Everything (V2X) Technologies for Road Safety**
Alexandre Ligo, *Carnegie Mellon University*

Breakout Session 2B: Emergency Management – COVID and its Impact on Persons Who are Homeless

Moderator: Ronald Pavlik, *Chief of WMATA Metro Transit Police*

- Joyce Burrell Garcia, *Project Manager, Homeless Outreach & Strategic Planning for LA Metro*
- Agency Perspective, Tim Chan, *Group Manager – Stations Planning, BART*
- Agency Perspective, Laura Hester, *Deputy Chief, New Jersey Transit Police Department*

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Breakout Session 3A: FTA PTASP Compliance and SMS

Moderator: Brian Alberts, *Director of Safety, APTA*

- **FTA updates on PTASP and Employee Safety Reporting**
Candace Key
- **TCRP Report F-27: Characteristics and Elements of Non-Punitive Employee Safety Reporting Systems for Public Transportation**
Jodi Godfrey, *Center for Urban Transportation Research, University of South Florida*
- **Transit Agency Perspective**
Vijay Khawani, *Executive Officer, Risk, Safety & Asset Management, LA Metro*
- **Safety Certification of Light Rail Vehicles**
Matthew Mitchell, *Sound Transit, Seattle, Washington*

Breakout Session 3B: Security Issues and Threats – Transit Cyber Challenges

Moderator: Polly Hanson, *Senior Director Security, Risk & Emergency Management, APTA*

- **Is the Transit Industry Ready for the Cyber Revolution: Policy Recommendations to Enhance Surface Transit Cyber Preparedness**
 - Scott Belcher, *SFB Consulting, LLC*
 - **Agency Perspective**
Kyle N. Malo, *Senior Director Cybersecurity & CISO, WMATA*
 - Michael Echols, *Max Cybersecurity LLC*
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1:15PM – 3:00PM

Breakout Session 4A: Rail Passenger and Public Safety – Trespassing and Suicides in Transit and Commuter Rail

Moderator: Gardner Tapon, *Capital Metropolitan Transportation Authority*

- **Operation Lifesaver, Inc.,**
Rachel Maleh, *Executive Director*
- **An SMS Approach to Rail Transit System Trespassing**
Joshua Katz, *Chief Safety Regulations Manager, Illinois Department of Transportation*
- Lori Ebbighausen, *Vice President of Corporate Safety MTA Long Island Rail Road*
- Ed Abel, *Director of Operational Safety, SEPTA, Philadelphia, PA*

Breakout Session 4B: COVID-19 Response and Recovery: FTA and APTA Efforts + Transit Agency Best Practices

Moderator: Lou Brown, *Jacobs and Chair APTA Safety Coordinating Committee*

- **FTA COVID Resources and Industry Support**
Henrika Buchanan, *Associate Administrator, FTA Office of Transit Safety and Oversight*
- **APTA COVID-19 Transit Industry Technical Support: Best Practices and Topic White Paper**
- **Agency Perspective**
Sheldon Shaw, *Director of Safety and Security, Utah Transit Authority*
- **Agency Perspective**
Kimberly Williams, *Chief Innovation Officer, Houston Metro*

3:15PM – 5:00PM

Breakout Session 5A: Transit Employee Safety – Autonomous Track Inspection and Roadway/Right-of-Way Worker Protection

Moderator: Ron Edwards, *ADS System Safety and Chair APTA Rail Safety Committee*

- **FTA's Track Inspection and Track Asset Management Research and Demonstration**
Aj Joshi, *MARTA Project Manager II* and Jennifer Zahaczewski, *ENSCO*
- **Protecting Railway Workers with Electronic Roadway Worker Protection Systems**
Matt Edmonds and Adam Woyczik, *Miller Ingenuity*
- **HARSCO/Protran – Presentation on Right of Way Worker Protection System(s)**
Jaime Maguire, *Director, Safety Solutions Division, HARSCO*

Breakout Session 5B: Security Issues and Threats

Moderator: Ronald Pavlik, *Chief of WMATA Metro Transit Police*

- “How Sophisticated are the Attackers?”
Brian Jenkins, *Mineta*
 - **Transportation Security Administration**
Scott Gorton
 - **Design of Mass Transit and Light Rail Systems to Mitigate Security Threats**
Joseph Englot, *HNTB Corporation*
 - **TSA Demonstration of SenseGuard for CBRNE Systems at Transit Sites**
Jim Bamberger, *Branch Chief Operations Risk Analysis Division, TSA* and Eric Tyson and Christian Rose, *ENSCO*
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