

TRANSPORTATION RESEARCH FORUM - 2021 Virtual Annual Forum  
List of Accepted Papers as of February 25

| Title   | Authors  | Presenter First Name | Presenter Last Name | Presenter Affiliation             |
|---|--|----------------------|---------------------|-----------------------------------|
| <b>Special Session: Distinguished Transportation Researcher</b>   |  |                      |                     |                                   |
| Traffic and welfare impacts of credit-based congestion pricing applications: an Austin case study             | Kara Kockelman   | Kara                 | Kockelman           | University of Texas at Austin     |
| <b>Special Sessions: Agricultural Transportation</b>  |  |                      |                     |                                   |
| Estimating the Demand for Railroad and Barge Movements of Corn in the Upper Mississippi River Valley          | Tobias Sytsma and Wesley W. Wilson   | Wesley               | Wilson              | University of Oregon              |
| Canada/U.S. Rail Regulatory Comparison  | James Nolan  | James                | Nolan               | University of Saskatchewan        |
| Geographic Analysis of Barriers to Efficient Rail Grain Freight Movements                                     | Eric Jessup, Wesley W. Wilson and Jake Wagner  | Jake                 | Wagner              | Washington State University       |
| Agricultural Transportation Research Compendium Update  | Will Secor   | Will                 | Secor               | University of Georgia             |
| Central Plains Farm Truck Fleet Characteristics   | Alan Dybing and Kimberly Vachal  | Alan                 | Dybing              | North Dakota State University     |
| Agricultural Transportation Open Data Platform Update   | Peter Caffarelli   | Peter                | Caffarelli          | U.S. Department of Agriculture    |
| The Importance of Highways to U.S. Agriculture  | Kranti Mulik   | Kranti               | Mulik               | U.S. Department of Agriculture    |
| U.S. Food Flows: A Cold-Chain Network Analysis of Freight Movements to Inform Local and Regional Food Issues  | Michelle Miller  | Michelle             | Miller              | University of Wisconsin           |
| Modeling and Effects of Risky Shipping Costs on Spatial Competition: Mexican Wheat                            | William W Wilson and David Bullock   | William              | Wilson              | North Dakota State University     |
| <b>Special Session: Incentivized Ridesharing to Manage Congestion and Provide Access to Jobs</b>              |  |                      |                     |                                   |
| Congestion Clearing Payments to Passengers  | Paul Minett, John Niles, Richard Lee and Brittany Bogue  | Paul                 | Minett              | Trip Convergence Ltd              |
| Rewarding Drivers for Providing the Transportation Disadvantaged with Rides to Work Sites                     | Charles H. Apigian   | Charles              | Apigian             | Middle Tennessee State University |
| Combining Freeway Network-Wide Congestion Pricing with Incentivized On-Demand Ridesharing                     | Patrick DeCorla-Souza and Paul Minett  | Patrick              | DeCorla-Souza       | Federal Highway Administration    |
| Cashing Out HOV Toll Exemptions on the I-66 Managed Lanes inside the Capital Beltway: An Exploratory Analysis | Patrick DeCorla-Souza, Sara Zahedian, Amir Nohekhan, Mohammad Motaleb Nejad, and Sevgi Erdogan | Sara                 | Zahedian            | University of Maryland            |

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| <b>Special Sessions: Managing the Curb</b>   |   |                      |                     |   |
| Coding the Curb: A Roadmap for Cities to Manage Their Most Valuable Assets   | Lila Singer-Berk  | Lila                 | Singer-Berk         | Cambridge Systematics                                 |
| Markets and Pricing for Curb Space   | Adrian Moore  | Adrian               | Moore               | Reason Foundation                                     |
| Dynamic Curbside Management in the Age of New Mobility and e-Commerce: Case Study from Washington, DC                    | David Lipscomb  | David                | Lipscomb            | District Department of Transportation, Washington DC  |
| Curbside Management Challenges and Opportunities: Insights from the Public and Private Sectors in 14 US Cities           | Caleb Diehl   | Caleb                | Diehl               | University of Washington                              |
| <b>Special Session: Value of Time</b>  |   |                      |                     |   |
| The value of time in the United States: Estimates from nationwide natural field experiments                              | Ariel Goldszmidt, John A. List, Robert D. Metcalfe, Ian Muir, V. Kerry Smith and Jenny Wang             | Robert               | Metcalfe            | Boston University / University of Southern California |
| <b>Virtual Podium Papers</b>   |   |                      |                     |   |
| Pathways to success in transportation and logistics: Teaching the teachers   | Jill M. Bernard Bracy, Michael Edwards and Ray Mundy  | Jill                 | Bracy               | University of Missouri – St. Louis                    |
| Multimodal Public Transit Routing considering Travelers' Risk-Preference   | Justice Darko and Hyoshin (John) Park   | Justice              | Darko               | North Carolina A&T State University                   |
| Empirical Analysis of Energy Pipeline Safety   | W. D. Walls and Xiaoli Zheng  | W.D.                 | Walls               | University of Calgary                                 |
| The Degradation of Service on the National Intercity Bus Network, 2016 – 2021  | Kimberly Fair, Mitchell Hirst and Crystal Bell  | Mitchell             | Hirst               | DePaul University                                     |
| Pricing models for regulation: identifying Ramsey prices on rail movements   | James Nolan and Hakan Andic   | James                | Nolan               | University of Saskatchewan                            |
| Evaluating 24/7 Sobriety Program Participant Reoffense Risk  | Kimberly Vachal, Shantanu Awasthi, Ihsan Ullah Khan, Yun Zhou, Bong-Jin Choi and Seguy Tchakounte-Wakem | Yun                  | Zhou                | North Dakota State University                         |
| Can Transportation Network Companies Replace the Bus? An Evaluation of Shared Mobility Operating Costs                   | Xavier Harmony  | Xavier               | Harmony             | Virginia Polytechnic Institute and State University   |
| California Paratransit Agency Responses to the Adoption of Sub-contracted Services Using Privacy Preserving Technologies | Amari N. Lewis and Amelia C. Regan  | Amari                | Lewis               | University of California, Irvine                      |
| Pedestrian Deaths and Large Vehicles   | Justin Tyndall  | Justin               | Tyndall             | University of Hawai'i at Mānoa                        |
| The Impact of COVID19 on Airline Operations: A Comparative European and North American Analysis                          | Aisling Reynolds-Feighan  | Aisling              | Reynolds-Feighan    | University College Dublin                             |
| Hinterland Transport Chain Choices by Intermodal Cargo Transport Carriers  | Wayne K. Talley and ManWo Ng,   | Wayne                | Talley              | Old Dominion University                               |
| The Growth of Amazon Air   | Borja Manuel González Morgado, Jacob Walls and Joseph Schwieterman                                      | Borja                | Gonzalez            | DePaul University                                     |

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| Defining Equity Populations in Long-Range Transportation Planning  | Jon Overman, Lila Singer-Berk, Kalieh Honish, Mark Yamarone and Rena Lum   | Jon                  | Overman             | Cambridge Systematics  |
| Aviation Clusters: Addressing the Implications of COVID-19 and the CARES Act   | Daniel Rust, Richard D. Stewart and Thomas J. Werner   | Daniel               | Rust                | University of Wisconsin-Superior                                       |
| Impact of COVID-19 on the US Personal Protective Equipment (PPE) Supply Chains   | Ungo, Ricardo, Marsillac, Erika, Pagano, Anthony   | Ricardo              | Ungo                | Old Dominion University  |
| Public Transit and COVID-19: Global Research and Best Practices  | Samuel I. Schwartz, Daniel Schack, Holly Chase, Lian Farhi, Joe Iacobucci, Kelly McGuinness and Elad Mokady                      | Samuel               | Schwartz            | Sam Schwartz Engineering   |
| The Panama Canal Expansion: Impact on Logistics Developments and the Economy of Panama   | Anthony M. Pagano., Onésimo V. Sanchez, Ricardo Ungo and Ruben Lachman   | Anthony              | Pagano              | University of Illinois at Chicago                                      |
| <b>Virtual Posters</b>   |  |                      |                     |  |
| Going Beyond the Millennials: North Dakota Ridesourcing Survey   | Kimberly Vachal, Narendra Malalgoda and Jaclyn Andersen  | Narendra             | Malalgoda           | University of Manitoba   |
| Using Location-Based Services Data to Evaluate Equity of a Proposed Road Usage Fee   | Christopher Porter and Mobashwir Khan  | Christopher          | Porter              | Cambridge Systematics  |
| Reducing Environmental, Economic, and Social Impacts of Rural Freight Transportation: A Literature Review                                | Mitra Salehi EsfandaraniNeda , Nazemi, Mihalis Golias and Sabyasachee Mishra   | Mitra                | Salehi              | University of Memphis  |
| Congestion Reduction Using Information-Theoretic Multi-agent Decision-Making   | Larkin Folsom and Hyoshin Park   | Larkin               | Folsom              | North Carolina A&T State University                                    |
| Blockchain and Mobility:Lessons Learned from Toll Collection   | Matt Milligan (and team)   | Heidi                | Corcoran            | Milligan Partners  |
| Airships, LTA vehicles, a new efficient, sustainable and resilient mode of transport for the integration of remote areas in the Americas | Ricardo Sánchez, Alejandra Gómez Paz and Martín Sánchez Salva  | Ricardo              | Sanchez             | United Nations Economic Commission for Latin America and the Caribbean |
| Integrated Corridor Management Simulation: Developing a Real-Time Traffic Management Tool in Orlando, Florida                            | Yixin Wang and Keir Opie   | Yixin                | Wang                | Cambridge Systematics  |
| Evaluating Cost Savings of Truck Caravanning   | Vasileios Liatsos, Dimitrios Giampouranis, Mihalis Golias, Sabyasachee Mishra, Razi Nalim, Mark T. Frohlich and Clayton Nicholas | Vasileios            | Liatsos             | University of Memphis  |
| Berth Allocation at Passenger Terminals: A Bundle Auction Approach   | Dimitrios K. Giampouranis, Sotirios Theofanis, Maria Boile and Mihalis Golias  | Dimitrios            | Giampouranis        | University of Memphis  |
| A Study on the Effectiveness of Bus Rapid Transit in the South Congress/North Lamar Corridor in Austin, Texas                            | Kyle Bathgate  | Kyle                 | Bathgate            | University of Texas at Austin  |