



University of Vermont

Transportation Research Center

Faculty, staff and students affiliated with the University of Vermont Transportation Research Center will be participating in 12 presentations and activities at the 104th Annual Meeting of the Transportation Research Board in Washington, DC this January. Their presentations and other activities are listed below.

Reach out to us at trc@uvm.edu if you would like more information about the research being presented this year.

Monday, January 6th

8:00 am – 9:45 am

Lectern Session 2025 Societal and Environmental Justic Implication of Climate Change and Air Quality

Evaluating Cumulative Emissions Exposure and Equity Outcomes of Different Transition Pathways to an Electric Vehicle Fleet

Meg Fay and Gregory Rowangould

Poster Session 2040 Characterization and Advances in Aggregate Utilization for Pavement Performance

Method Development for Determining Deleterious Material Content in Processed Glass Aggregate (PGA)

Neha Subedi, Matthew Scarborough, Mandar Dewoolkar, and Fiona Nutbeam

1:30 pm – 3:15 pm

Poster Session 2155 Travel Behavior Elements: Activity, Mode, Time Use, Destination, and Activity Patterns

Land Use and Travel Behavior: A Panel Study Using Relocated Households in Vermont to Assess Land Use Elasticities

Clare Nelson and Gregory Rowangould

3:45 pm – 5:30 pm

Poster Session 2214 Climate, Sustainability, and Travel Behavior: Exploring the Intersection of Weather, Green Mobility, and Travel Patterns

The case for rethinking rural: How simplification of rural places clouds our understanding of sustainable rural travel behavior

Harrison Schukei and Dana Rowangould

Tuesday, January 7th

10:15 am – 12:00 pm

Poster Session 3107 Transportation and Community Impacts

“I Lost It All. The Water Destroyed Everything”: Transportation Resilience, Housing, and Displacement of Rural Homeless Communities

Sarah Grajdura, Julia LanzDuret-Hernandez, Nat Robtoy, and Dana Rowangould

Housing Location Dissatisfaction, Travel Demand and Potential Implications of EVs, AVs and Remote Work

Narges Ahmadnia and Gregory Rowangould

Poster Session 3108 Dwight David Eisenhower Transportation Fellowship Program Poster (Session 2)

Are We Driving Toward Equity? Exploring the Impact of Different Electric Vehicle Transition Scenarios on Emissions Exposure

Meg Fay and Gregory Rowangould

1:30 pm – 3:15 pm

Poster Session 3153 State Department of Transportation Research: Supplemental Research Award Winners

Traffic Safety Toolbox -- Addressing Speeds

Jim Sullivan and Dana Rowangould

3:45 pm – 5:30 pm

Lectern Session 3187 Climate, Disasters, and Transportation Equity: Community Perspectives on Building Resilience

Community Resilience in the 2023 Vermont Floods

Dana Rowangould

Wednesday, January 8th

10:15 am – 12:00 pm

Lectern Session 4053 Innovative Approaches to Transportation Planning: Equity, Evaluation, and Emerging Trends

Taking a Hard Look: Do Active Transportation Projects Get a Fair Evaluation in Long-Range Regional Transportation Planning?

Emma Dreyer and Gregory Rowangould

Lectern Session 4067 Driving Equity Forward: Addressing Disparities in Electric Vehicle Adoption and Infrastructure

Advancing Equitable Electric Vehicle Adoption: Addressing Home Charging Barriers and Costs

Parsa Pezeshknejad, Lilac Damon, Sarah Grajdura, and Dana Rowangould

3:45 pm – 5:30 pm

Poster Session 4094 Current Issues in Air Quality and Greenhouse Gas Mitigation

Intercomparison of Modeled Urban-Scale Vehicle Emissions – Implications for Exposure and Equity Assessment

Victoria Lang, Sara Camilleri, Suzan van der Lee, Gregory Rowangould, Brittany Antonczak, Tammy Thompson, Maria Harris, Colin Harkins, Daniel Tong, Mark Janssen, Zachariah Adelman, and Daniel Horton