

PLANNING ADVANCEMENTS IN TRANSPORTATION AND HOUSING CONFERENCE
Tuesday, February 11, 2025: 9:00 AM – 5:30 PM ET (with reception to follow)
Chelsea Hotel – 33 Gerrard Street West, M5G 1Z4

9:00 AM - 9:30 AM	Breakfast & Registration
9:30 AM – 10:00 AM	Opening Remarks & Introducing the Mobility Network Research Consortium (MNRC) <i>Steven Farber, Director of Mobility Network</i> <i>Karen Chapple, Director, School of Cities, UofT</i>
10:00 AM – 10:15 AM	Break
10:15 AM – 11:45 AM	Concurrent Sessions #1: Mountbatten Salon 1. Integrating Land Use and Transportation Planning for Sustainable Urban Systems <i>Moderator: Eric Miller, Professor, Department of Civil & Mineral Engineering, UofT</i> Windsor Room 2. Missed Connections - Locating Equity in Toronto's Transportation History <i>Moderator: Matti Siemiatycki, Professor, Department of Geography & Planning, UofT</i> Baker Room 3. Urban Mobility: How the iPhone, Covid and Climate Changed Everything <i>Moderator: Shauna Brail, Professor, Institute for Management & Innovation, UofT</i> Seymore Room 4. Sustainable Freight & Logistics Management <i>Moderator: Matthew Roorda, Professor, Department of Civil & Mineral Engineering, UofT</i>
11:45 AM – 12:15 PM	Lunch
12:15 PM - 1:15 PM	Keynote Presentation: <i>Building Strategic Partnerships to Drive Transportation Research Innovation</i> <i>Daniel Rodriguez, Director of the Institute for Transportation Studies, UC Berkeley</i>
1:20 PM - 2:45 PM	Concurrent Sessions #2 Mountbatten Salon 5. Data-Driven Approaches to Transit-Oriented Development <i>Moderator: Christopher Higgins, Professor, Department of Human Geography, UofT</i> Windsor Room 6. Gentrification and Displacement in Transit Corridors <i>Moderator: Karen Chapple, Professor, Department of Geography & Planning, UofT</i> Baker Room 7. Traffic AI, Getting Ready for Field Deployment <i>Moderator: Baher Abdulhai, Professor, Department of Civil & Mineral Engineering, UofT</i> Seymore Room 8. Decarbonizing Transportation and Advancing Environmental Justice <i>Moderator: Marianne Hatzopoulou, Professor, Department of Civil & Mineral Engineering, UofT</i>
2:45 PM – 3:00 PM	Coffee Break
3:00 PM - 4:30 PM	Concurrent Sessions #3 Mountbatten Salon 9. Travel Behavior and Demand Modeling for Sustainable Urban Mobility <i>Moderator: Khandker Nurul Habib, Professor, Department of Civil & Mineral Engineering, UofT</i> Windsor Room 10. Building equitable cities: Insights from complete communities and the vehicle-for-hire industry <i>Moderator: Ignacio Tiznado–Aitken, Professor, Department of Geography & Planning, UofT</i> Baker Room 11. Shaping the Future of Urban Transit with AI and Data-Driven Innovation <i>Moderator: Amer Shalaby, Professor, Department of Civil & Mineral Engineering, UofT</i> Seymore Room 12. Embodied GHG in the City – Transportation/Land Use <i>Moderator: Shoshanna Saxe, Professor, Department of Civil & Mineral Engineering, UofT</i>
4:30 PM – 4:40 PM	Break
4:40 PM – 5:40 PM	Closing Debate: “Cars are still the future of mobility in the GGH” <i>Murtaza Haider, Professor, Toronto Metropolitan University</i> <i>Shoshanna Saxe, Associate Professor, University of Toronto</i>
5:40 PM – 7:00 PM	Reception

Concurrent Session Details

Time	Mountbatten Salon	Windsor Room	Baker Room	Seymore Room
10:15 AM – 11:45 AM	<p>1.Integrating Land Use and Transportation Planning for Sustainable Urban Systems – Mountbatten Salon</p> <p><i>Moderator: Eric Miller, Professor, Department of Civil & Mineral Engineering, UofT</i></p> <p><i>Panelists:</i> James Perttula, Director, Transit & Transportation Planning, City of Toronto Michael Sutherland, Global Director & Associate, Urban Solutions, Hatch Jon Salter, Director of Education & Research, Esri Canada Jesse Coleman, Manager, Transportation Data & Analytics, City of Toronto</p>	<p>2.Missed Connections - Locating Equity in Toronto's Transportation History – Windsor Room</p> <p><i>Moderators: Matti Siemiatycki, Professor, Department of Geography & Planning, UofT</i> Yinnon Geva, Assistant Professor, Institute for Management & Innovation, UofT Alexandra Lambropoulous, Project Officer, Infrastructure Institute, UofT Isaac Mendita, Graduate Fellow, School of Cities, UofT Lorina Hoxha, Senior Project Manager, City of Toronto</p> <p><i>Panelists: Oysharja Sayed, Senior Project Manager, Sonder Bloom</i> Jason Ash, Co-Founder, Friends of Thorncliffe Park Community Group Anyika Mark, Director of Communications, Black Urbanism TO</p>	<p>3.Urban Mobility: How the iPhone, Covid and Climate Changed Everything – Baker Room</p> <p><i>Presenters: Shauna Brail, Professor, Institute for Management & Innovation, UofT</i> Tara Vinodrai, Director, Master of Urban Innovation, UofT David Wolfe, Professor Emeritus, Political Science, UofT John Lorinc, Writer, University of Toronto</p>	<p>4.Sustainable Freight & Logistics Management – Seymore Room</p> <p><i>Moderator: Matthew Roorda, Professor, Department of Civil & Mineral Engineering, UofT</i></p> <p><i>Presenters:</i> Hongyu Xiao, Senior Research Analyst, Pembina Institute Alia Galal, PhD Candidate, Department of Civil & Mineral Engineering, UofT Sara Torbatian, PhD Candidate, Department of Civil & Mineral Engineering, UofT</p>
1:15 PM – 2:45 PM	<p>5.Data-Driven Approaches to Transit-Oriented Development – Mountbatten Salon</p> <p><i>Presenters: Christopher Higgins, Professor, Department of Human Geography, UofT</i> Drew Fagan, Professor, Munk School of Affairs & Public Policy, UofT Lindsey Smith, Assistant Professor, Department of Geography & Planning, UofT Robert Arku, PhD Candidate, Department of Geography & Planning, UofT João Parga, PhD Candidate, Department of Geography & Planning, UofT Billie Zhang, Post-doctoral Fellow, Department of Civil & Mineral Engineering, UofT</p>	<p>6.Gentrification and Displacement in Transit Corridors – Windsor Room</p> <p><i>Moderator: Karen Chapple, Professor, Department of Geography & Planning, UofT</i></p> <p><i>Panelists: Brian Doucet, Associate Professor, School of Planning, University of Waterloo</i> Imara Rolston, Assistant Professor, Dalla Lana School of Public Health, UofT Cheryll Case, Executive Director, CP Planning</p>	<p>7.Traffic AI, Getting Ready for Field Deployment – Baker Room</p> <p><i>Presenters: Baher Abdulhai, Professor, Department of Civil & Mineral Engineering, UofT</i> Xiaoyu Wang, Post-Doctoral Fellow, Department of Civil & Mineral Engineering, UofT Omar ElSamadisy, Post-Doctoral Fellow, Department of Civil & Mineral Engineering, UofT Scott Sanner, Professor, Department of Industrial Engineering, UofT Amer Shalaby, Professor, Department of Civil & Mineral Engineering, UofT Ilia Smirnov, Post-Doctoral Fellow, Department of Civil & Mineral Engineering, UofT Roger Browne, Director, Traffic Management, City of Toronto</p>	<p>8.Decarbonizing Transportation and Advancing Environmental Justice – Seymore Room</p> <p><i>Moderators: Marianne Hatzopoulou, Professor, Department of Civil & Mineral Engineering, UofT</i> Jad Zalzal, Post-Doctoral Fellow, Department of Civil & Mineral Engineering, UofT</p> <p><i>Presenters: Matthew Adams, Associate Professor, Department of Geography, Geomatics & Environment, UofT</i> Miranda Doris, PhD Candidate, Department of Civil Engineering, UofT Lih Wei Yeow, PhD Candidate, Department of Civil Engineering, UofT Emily Farrar, PhD Candidate, Department of Civil Engineering, UofT</p>
3:00 PM – 4:30 PM	<p>9.Travel Behavior and Demand Modeling for Sustainable Urban Mobility – Mountbatten Salon</p> <p><i>Presenters: Khandker Nurul Habib, Professor, Department of Civil & Mineral Engineering, UofT</i> Melvyn Li, PhD Candidate, Department of Civil & Mineral Engineering, UofT Kaili Wang, PhD Candidate, Department of Civil & Mineral Engineering, UofT Felita Ong, PhD Candidate, Department of Civil & Mineral Engineering, UofT Tyler Hu, MaSc Candidate, UofT</p>	<p>10. Building equitable cities: Insights from complete communities and the vehicle-for-hire industry – Windsor Room</p> <p><i>Presenters: Ignacio Tiznado–Aitken, Professor, Department of Geography & Planning, UofT</i> Mary-Kay Bachour, Senior Specialist, Research, Canada Mortgage & Housing Corporation (CMHC) Mashrur Rahman, Post-Doctoral Fellow, Department of Tobiah Abramson, Policy & Planning Advisor, City of Toronto</p>	<p>11.Shaping the Future of Urban Transit with AI and Data-Driven Innovation – Baker Room</p> <p><i>Presenters: Amer Shalaby, Professor, Department of Civil & Mineral Engineering, UofT</i> Kareem Othman, Post-Doctoral Fellow, Transit Analytics Lab Alaa Itani, Research Assistant, Department of Civil & Mineral Engineering, UofT Jilin Song, PhD Candidate, Department of Civil & Mineral Engineering, UofT</p>	<p>12. Embodied GHG in the City – Transportation/Land Use - Seymore Room</p> <p><i>Presenter: Shoshanna Saxe, Professor, Department of Civil & Mineral Engineering, UofT</i> Co-authors: Santiago Zuluaga Mayorga, Post-Doctoral Fellow, Department of Civil & Mineral Engineering, UofT</p>

Biographies

Keynote Speaker:

Daniel Rodriguez, Director of the Institute for Transportation Studies, UC Berkeley

Daniel A. Rodriguez is Chancellor's Professor of City and Regional Planning and Director of the Institute for Transportation Studies at the University of California, Berkeley. His research examines the reciprocal relationship between mobility and land development, and the health and environmental consequences that follow. As Institute Director, he manages a portfolio of over \$30 million per year, overseeing research and outreach activities of staff researchers and supporting more than 35 faculty affiliates.

Working with colleagues in multiple disciplines he has studied how changes to the physical attributes of urban environments – the location of rail lines, trails, and neighborhood land uses– are related to changes in individual behavior, health, and air quality. His work also examines how cities can encourage development that is healthier and affordable for all. He is committed to encouraging a north-south dialogue about innovative and sustainable active transportation and urban policies.

Since 2016 Dr. Rodriguez's distinguished publication record has earned him the recognition of being among the 25 most impactful planning scholars in North America. His co-authored book Urban Land Use Planning (University of Illinois Press) is considered the most influential text on land use planning (new edition forthcoming).

Dr. Rodríguez's research has been funded by the National Institutes of Health, the Environmental Protection Agency, the US Department of Transportation, the Robert Wood Johnson Foundation, and the Wellcome Trust, among others. At Berkeley, he teaches courses in sustainable mobility, planning for active transportation, and transportation policy and planning. Prior to joining Berkeley, he served in the faculty of University of North Carolina, Chapel Hill where he was Distinguished Professor of Sustainable Communities. Rodríguez received a Master's in Science from MIT and a Ph.D. from The University of Michigan in 2000.