

The Role of Public Transportation and Mobility Management in an Era of New and Expanding Shared Mobility Options

Committee

Gary C. Thomas

Chair

Gary C. Thomas is president/executive director of Dallas Area Rapid Transit (DART). He is responsible for a 13-city transit system covering 700-square mile service area with bus, light rail, commuter rail, and paratransit services. Under his leadership DART has doubled its light rail system - twice - to become the nation's longest at 93 miles. The agency has been recognized for innovation in developing a progressive clean fuels program for its bus fleet, advancing new models for local bus and paratransit service and customer-facing communication technology and service. DART is also a recognized leader in the global advancement of the Mobility as a Service (MaaS) movement with its use of targeted demand-response transit service matched with new customer tools for fare payment and trip planning. Thomas administers the goals and policies of the DART Board of Directors and directs the agency's top managers and approximately 3,800 employees, emphasizing a strong customer focus. He works closely with service area city governments and the public in developing short- and long-term transportation and mobility goals. Thomas joined DART in November 1998. He was a consulting engineer for 19 years prior to that. He has a Bachelor of Science in Civil Engineering and a Bachelor of Architecture from Texas Tech University. Currently, he serves in the TRB Executive Committee and the SPPR (Subcommittee on Planning and Policy Review) Committee. He is a past chair of the American Public Transportation Association, RailVolution and the South West Transit Association.

Regina Clewlow

Member

Dr. Clewlow is the CEO and Co-Founder of Populus, a data platform for private mobility operators and cities to deliver safe, equitable, efficient streets. She has over a decade of experience in transportation, where she is a leading expert on innovations in public transit, shared mobility, and autonomous vehicles. Regina formed Populus after serving in executive roles at Ford Smart Mobility investment and moovel North America (previously RideScout and GlobeSherpa). Regina received her Ph.D. in transportation and energy systems from MIT. As a research scientist at Stanford, UC Berkeley, and UC Davis, she developed and led research on the travel behavior impacts of shared mobility services (e.g. Uber, Lyft, carsharing) and autonomous vehicles. Regina was the lead author of the recent groundbreaking UC Davis study *Disruptive Transportation: The Adoption, Utilization, and Impacts of Ride-Hailing in the United States*. She has received several awards and distinctions, having been honored as a National Engineers Week "New Face of Engineering", EPA STARS Fellow, MIT Energy Fellow, and Department of Transportation Eisenhower Fellow. As a transportation researcher, Dr. Clewlow's work focused on developing and harnessing new datasets to measure the adoption and impacts of shared-use mobility (ride-hailing) and automated/autonomous vehicles on travel behavior, vehicle purchase, and energy use. She is passionate about developing innovative transportation technologies that provide net positive social and environmental benefits: reduced congestion, improved accessibility, and a lower carbon footprint.

Marlene Connor

Member

Marlene Connor is the Principal of Marlene Connor Associates, LLC and has 30 years of experience in transportation management and planning. She blends private and public sector experience with an intense personal commitment to improving transportation policy. She was previously the chief executive officer of the Pioneer Valley Transit Authority in Springfield, MA where she directed numerous changes in service delivery, consolidated the fixed route paratransit services program, and implemented a systematic financial improvement process that improved efficiency while enhancing mobility. She has experience in a wide range of public transportation planning projects in modes from ADA paratransit to Bus Rapid Transit as well as studies that include operations, policy development, management and organization, IT, and financial analysis and review.

Marlene has both led and participated in a range of national research efforts in areas that include mobility services and policy development, performance measurement, as well as operational issues. Marlene has taken a leadership role in coordinating components of integrated mobility with broader technology applications to provide seamless services to customers and communities. Marlene currently serves on the leadership team of APTA's Access Committee as chair of the Subcommittee on Emerging Technologies, in addition she is the Immediate Past Chair of APTA's Mobility Management Committee.

Carlos Cruz-Casas

Member

Carlos Cruz-Casas, P.E., is the Assistant Director of Strategic Planning for Miami-Dade County's Department of Transportation and Public Works. His primary focus is to introduce mobility innovation and plan for a fully integrated transportation system. His career includes both public and private sector experience ranging from conceptual design to implementation of pedestrian, bicycle, transit, and traffic projects. As a professional engineer dedicated to the development of Livable Transportation, Carlos seeks to achieve the right balance between capacity and livability. Carlos received his Master's degree in urban transportation planning from University of Florida's College of Engineering, and his B.S. in civil engineering from the University of Puerto Rico.

Sharon Feigon

Member

Sharon is a founder and the executive director of the Shared-Use Mobility Center, a non-profit public-interest organization working to foster collaboration in shared mobility and help connect the growing industry with transit agencies, cities and communities across the nation. As executive director, Sharon leads SUMC's work, which includes conducting innovative research around the impacts of shared mobility, developing pilot projects to test shared mobility strategies, and providing advice and technical assistance to cities and regions in order to help extend the benefits of shared mobility for all. SUMC was also recently awarded a contract to develop the Innovation Knowledge Accelerator in partnership with the Federal Transit Administration to assist cities undertaking Mobility on Demand projects. Sharon was previously the CEO of IGO Carsharing, the nonprofit organization that started carsharing in the Chicago region. Sharon worked with the Chicago Transit Authority to create the only combined car-share/transit fare card in North America, which continues to serve as a model for the possibilities between shared-use companies and public transit. Sharon was a founder of the national Carsharing Association and has served as Co-Chair of the Transportation Research Board's Shared Vehicle Committee and as a member of the U.S. Green Building Council's LEED-ND Committee, which created LEED standards for neighborhood developments. She holds an MBA from DePaul University and a BA in Economics from Antioch College.

Jonathan Hall

Member

Jonathan Hall is an applied microeconomist at the University of Toronto, with appointments in the Department of Economics and Munk School of Global Affairs and Public Policy. His research focuses on urban transportation, and his recent work has addressed how to design road tolls and the effects of new transportation technologies. His work has been published in the Journal of Public Economics, Journal of Urban Economics, and Transportation Research: Part B. His dissertation was honored with the Best Dissertation Award by the Transportation and Public Utilities Group and the Best Paper Award at the Kumho-Nectar Conference on Transportation Economics. Professor Hall received his B.A. from Brigham Young University and his Ph.D. from the University of Chicago. Before coming to the University of Toronto he completed a postdoctoral fellowship at Northwestern University.

Bradford Miller

Member

Bradford Miller is the chief executive officer at Pinellas Suncoast Transit Authority, a position he has held since 2013. The Transit Authority has instituted an innovative pilot program with Uber and United Taxi and the successfully negotiated with the Service Employees International Union representing about 500 PSTA employees. Before joining PSTA, Miller worked five years as general manager of the Des Moines Area Regional Transit Authority in Iowa and six years at the Charlotte Area Transit System in North Carolina.

Deb A. Niemeier

Member

Deb Niemeier's research focus is on integrating mobile source emissions modeling with transportation modeling. Her combination of basic and translational research has resulted in new ways to identify the spatial properties of mobile source emissions, new methods for developing vehicle emissions inventories, and improved regulatory guidance, including better identification of vulnerable populations. She is interested in emergent properties or characteristics that exacerbate the inequalities of climate change. She has worked extensively on developing new knowledge to improve formal and informal governance processes in urban planning. She is currently working with collaborators in sociology and political science broadly examining the intersection of governance processes in regional planning and climate change outcomes, and better connecting urban planning processes with mitigation of environmental disparities. Prof. Niemeier is a member of the National Academy of Engineering, a Guggenheim Fellow and a Fellow of the American Association for the Advancement of Science.

Corinne Ralph

Member

Corinne Ralph is the Chief of Transit at the Department of Transportation in Los Angeles, California. With over 25 years of experience, Ms. Ralph has worked in the City of Los Angeles as a land use planner and later joined the Department of Transportation as a Transit Planning Associate. Ms. Ralph is responsible for all of the fixed route and paratransit bus services in the City. With a fleet size of over 370 buses (soon to be 510), LADOT Transit is the largest municipal operator in Los Angeles County and second only to LA Metro in terms of its fleet size. It has consistently been in the top 60 of bus fleets in North America. Ms. Ralph currently oversees all aspects of transit including operations, facility acquisition and infrastructure development, planning, marketing and outreach, procurement and grants. Ms. Ralph is leading the effort to implement the expansion of the City's transit bus service and to transform its bus fleet from primarily Compressed Natural Gas to a zero-emission electric bus fleet by 2030.

Bruce Schaller

Member

Bruce Schaller, Principal of Schaller Consulting, is a nationally recognized expert in transportation policy and operations with specialized expertise in taxicab and vehicle-for-hire operations and regulation. He has worked throughout North America on projects to improve urban transportation services and enhance the efficiency and sustainability of transportation operations. He is the author of several recent reports on app-based ride services such as Uber and Lyft (also called Transportation Network Companies, or TNCs), covering their impacts on traffic and transit; opportunities for collaboration with transit agencies and cities, and regulatory policy at the state and local level. He also served on a Transportation Research Board policy committee and co-authored the committee's policy study of emerging mobility services. He served as the New York City Department of Transportation's Deputy Commissioner for Traffic and Planning (2012-14) and Deputy Commissioner for Planning and Sustainability (2007-11), providing senior executive leadership for development and implementation of DOT's innovative, world-class programs for the safe, efficient and environmentally responsible movement of people and goods on the City's streets. He has also worked for MTA New York City Transit, the NYC Taxi and Limousine Commission and several other New York City agencies. A 30-year resident of Brooklyn, Mr. Schaller has a Masters in Public Policy from the University of California at Berkeley and a BA from Oberlin College in Oberlin, Ohio.

Kirk T. Steudle

Member

Mr. Kirk Steudle is the Senior Vice President of Econolite. In this role, Mr. Steudle will lead the company's Transportation Systems Group, as well as its subsidiary CAVita. Kirk Steudle comes to Econolite following decades with the Michigan Department of Transportation (MDOT). Mr. Kirk T. Steudle, served at the Director of the Michigan Department of Transportation (MDOT) since 2006, where he oversaw MDOT's over four billion dollar budget, and was responsible for the construction, maintenance, and operation of nearly 10,000 miles of state highways and more than 4,000 state highway bridges at a department with 2,500 employees. He was also responsible in overseeing the administration of a variety of multi-modal transportation programs and projects. Mr. Steudle is a national leader in the development of Connected and Automated Vehicle Technologies, and was the 2014-2015 Chair for the Intelligent Transportation Society of America (ITS America) Board of Directors. He also is a member of the Intelligent Transportation Systems (ITS) Program Advisory Committee to the U.S. Department of Transportation. Mr. Steudle is a Past President of the American Association of State Highway and Transportation Officials (AASHTO) and Chairs the Standing Committee on Highways. He was a 2014 member of the National Research Council for the National Academy of Science and the 2014 Chair of the Transportation Research Board (TRB) Executive Committee. He also chaired the second Strategic Highway Research Program Oversight Committee (SHRP 2) for TRB. As well as a member of numerous NCHRP panels and committees on asset and performance management. Mr. Steudle is a graduate of Lawrence Technological University, where he received a Bachelor of Science Degree in Construction Engineering, serves on the College of Engineering Advisory Board.