

B103 – Driving AV Data Exchange between Public and Private Sectors



Daniela Bremmer

Washington State Department of Transportation

Daniela Bremmer is WSDOT's Cooperative Automated Transportation (CAT) Development Manager. She is an experienced tactical and strategic thinker who has bridged traditional silos, disciplines and modes to create non-traditional, innovative and successful programs. Her diverse knowledge of transportation systems, modes and agency programs, coupled with her multi-disciplinary background and national leadership roles helps her to operationalize WSDOT's vision for CAT while negotiating the realities of public sector policies and budgets. Daniela aims to help enable a future where automated, connected, electrified, and shared mobility contributes toward a safer, more equitable and more

efficient transportation system in Washington State and nationally. Prior to her current role, Daniela developed and led another, high-profile program, WSDOT's nationally acclaimed Performance Management and Multimodal Systems Analysis Program. Daniela has a Bachelor's degree with an emphasis in Computer Science and Business and a Master's degree in Public Administration. During her free time, she enjoys exploring the beautiful outdoors of the Pacific Northwest.



Mahsa Ettefagh

Booz Allen Hamilton

Mahsa Ettefagh is a transportation engineer with 10 years of experience in intelligent transportation systems, expertise in connected and automated vehicle technologies and data standards. She has been supporting U.S. Department of Transportation with Data for Automated Vehicle Integration program to increase access to work zone data through development and maintenance of a ubiquitous specification to jumpstart the voluntary adoption through collaboration with data producers and users. She has also developed concepts of operations and conducted national level cost benefit analysis and program

evaluation for different connected vehicle applications.



Jascha Franklin-Hodge

Open Mobility Foundation

Jascha Franklin-Hodge is the Executive Director of the Open Mobility Foundation (OMF). This city-led foundation helps government and industry collaborate to develop open source tools and data standards that support adoption and regulation of emerging mobility technology. He previously served in the cabinet of Mayor Martin J. Walsh as Boston's Chief Information Officer, and lead the City's Department of Innovation and Technology. He managed a team responsible for the City's efforts to

build exceptional, user-centered digital services, harness data to improve quality of life, empower City employees with effective technology, and improve access to the Internet and technical skills training for city residents. Previously, Franklin-Hodge co-founded Blue State Digital (BSD) where he oversaw the development and operation of the BSD Tools, a fundraising, email, and CRM platform that raised over \$1B and powered the digital presence of President Barack Obama's 2008 and 2012 campaigns. Franklin-Hodge has been a Visiting Fellow at the Harvard Kennedy School, focused on mobility, technology, and public policy, and a consultant to the private sector on new mobility and smart cities. He

serves on the boards of LivableStreets Alliance, Tech Goes Home, and MITX (Massachusetts Information Technology Exchange). He studied computer science at MIT.



Curtis Hay
General Motors

Curtis Hay is a Technical Fellow at General Motors. In this role Curtis develops precise GNSS, Vehicle-to-Vehicle communication, and map technologies to enable safe and reliable operation of GM automated vehicles. Curtis also led the team responsible for launching GM's 4G LTE connectivity in North America, Europe and China. Prior to joining General Motors, Curtis served as an officer in the US Air Force for eight years where he developed GNSS technology for precision weapons, performed GPS satellite launch planning, and managed the Accuracy Improvement Initiative for the GPS ground segment. Curtis also developed precision GNSS equipment for the agriculture and construction industries while at John Deere.



Josh Johnson
Spin

Josh Johnson serves as Public Policy Manager for Spin, with a primary focus on overseeing Spin's data-sharing practices. In this role, Josh is positioning Spin to lead the industry in collaborating and innovating with governments and privacy stakeholders to deliver the data that public agencies need, while safeguarding privacy and data security. Josh also serves as co-chair on the Open Mobility Foundation's Privacy, Security, and Transparency Committee. Prior to joining Spin, Josh was the Advanced Mobility Manager for the Department of Public Works in the City of Minneapolis, where he led the establishment of public sector best practices in mobility data policy and management.



Christopher Kinn
Ohio State Highway Patrol

Staff Lieutenant Chris Kinn has more than 20 years with the Ohio State Highway Patrol, currently serving as the Field Operations Coordinator. The majority of his career has been dedicated to crash investigation. Staff Lieutenant Kinn facilitated and taught crash investigation in partnership with the United States – State Department for the Royal Thai Police in 2018. During his tenure, Staff Lieutenant Kinn has worked with several local, state and federal agencies on crash and crime scenes. These agencies include the FBI, NTSB and NHTSA. Currently, he serves as the Department of Public Safety liaison to DriveOhio – which is the single point of contact for all of Ohio's smart mobility initiatives and advancements.



Skylar Knickerbocker

InTrans - Iowa State University

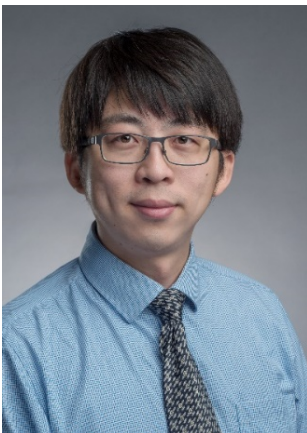
Mr. Knickerbocker is a research engineer and co-director of the Real-Time Analytics in Transportation (REACTOR) Laboratory. He works primarily in the areas of traffic operations, maintenance, and safety, including data analytics, data visualization, and big data management. He assists in the management and support for several research projects for the Iowa Department of Transportation, Midwest Transportation Center, Strategic Highway Research Program, and the Federal Highway Administration through collaboration with the Center for Transportation Research and Education.



Pamela Lee

City of Los Angeles, Department of Transportation

Pamela Lee is a transportation planner with 10 years of experience developing, implementing, and managing transportation policy and initiatives both in the public and private sector. Lee currently serves as the Data Privacy Policy Manager at the City of Los Angeles, Department of Transportation (LADOT) directly supporting LADOT's executive team led by General Manager Seleta Reynolds. In this position, she is responsible for the creation and management of a dedicated set of standards and guidelines to protect LADOT's data, starting with automated data notifications received from the LADOT Mobility Data Specification (MDS) System. In addition, Lee serves as the Assistant Program Manager for LADOT's Transportation Technology Strategy, ensuring that all initiatives and projects utilizing the latest in transportation technology also align with LADOT's core values.



Jiaqi Ma

University of California, Los Angeles

Dr. Jiaqi Ma is an Associate Professor at the UCLA Samueli School of Engineering and faculty lead in New Mobility at UCLA Institute of Transportation Studies. He has led and managed many research projects funded by U.S. DOT, NSF, state DOTs, and other federal/state/local programs covering areas of smart transportation systems, such as vehicle-highway automation, Intelligent Transportation Systems (ITS), connected vehicles, shared mobility, and large-scale smart system modeling and simulation, and artificial intelligence and advanced computing applications in transportation. He is an Associate Editor of the IEEE Open Journal of Intelligent Transportation Systems and Journal of Intelligent Transportation Systems. He is Member of the Transportation Research Board (TRB) Standing Committee on Vehicle-Highway Automation, Member of TRB Standing Committee on Artificial Intelligence and Advanced Computing Applications, Member of American Society of Civil Engineers (ASCE) Connected & Autonomous Vehicles Impacts Committee, Co-Chair of the IEEE ITS Society Technical Committee on Smart Mobility and Transportation 5.0. He is also committee member of SAE J3216 Cooperative Driving Automation for On-Road Motor Vehicles.



Nate Deshmukh Towery

U.S. DOT, Volpe Center

Nate Deshmukh Towery is a technology policy analyst in the Innovative Research Program Office at Volpe. Deshmukh Towery currently supports FHWA's Exploratory Advanced Research Program, which funds longer-term, higher-risk research projects that could lead to transformational changes and truly revolutionary advances in highway engineering and intermodal surface transportation in the United States. For the ITS JPO's Data program, he also leads the Work Zone Data Exchange, which seeks to make travel on public roads safer and more efficient through ubiquitous access to data on work zone activity. Specifically, the project aims to get data on work zones into vehicles to help automated driving systems (ADS) and human drivers navigate more safely.