

Autonomous Vehicle Policy and Regulations: A Discussion on the Current Landscape and Future of AVs

Speaker Biographies

Hilary Cain is Vice President of Technology, Innovation, and Mobility Policy at the Alliance for Automotive Innovation. In this role, she oversees policy development on technology and future mobility, including regulation of connected and automated vehicles, data privacy, cybersecurity, artificial intelligence, and telecommunications. In June of 2020, Hilary was recognized as a Rising Star in the automotive industry by *Automotive News* for her work at the forefront of emerging technology policy.

Prior to joining the Alliance of Automotive Innovation in April of 2020, Hilary spent nearly 8 years as Director of Technology and Innovation Policy at Toyota and almost a decade working in the U.S. House of Representatives. She holds a J.D. and a M.A. in Public Affairs from the University of Texas and a B.A. in Political Science from the University of Washington.

Yonah Freemark is senior research associate in the Metropolitan Housing and Communities Policy Center at the Urban Institute. He is the research director of the Land Use Lab at Urban. His research focuses on the intersection of land use, affordable housing, transportation, and governance. He has published peer-reviewed scholarship in numerous journals, including *Urban Affairs Review*, *Politics & Society*, *Housing Policy Debate*, and the *Journal of the American Planning Association*. Previously, Freemark worked for Chicago's Metropolitan Planning Council and has written for the *New York Times*, *Next City*, and *CityLab*, among other publications. He holds master's degrees in both city planning and in transportation, as well as a PhD in urban studies from the Massachusetts Institute of Technology. He lives along the U Street Corridor in Washington, DC, and serves as an appointed member of the ANC 2B Land Use Committee.

Anil Lewis is the Executive Director of Blindness Initiatives for the National Federation of the Blind. Lewis was diagnosed at age nine with retinitis pigmentosa, eventually becoming blind at age twenty-five. He received both a B.B.A. in Computer Information Systems, and a M.P.A. with an emphasis in Program Evaluation and Policy Analysis from Georgia State University. Currently employed as the executive director of Blindness Initiatives for the National Federation of the Blind (NFB), located in Baltimore, Maryland, he coordinates outreach, marketing, and fund-raising activities for the most transformative civil rights organization of blind people in America. He leads a dynamic team of individuals responsible for the creation, development, implementation, and replication of innovative projects and programs throughout a nationwide network of affiliates that work to positively affect the education, employment, and quality of life of all blind people. While serving as the director of Strategic Communications for the NFB, Lewis coordinated the public relations campaign for the NFB's Blind Driver Challenge™, an innovative research project to develop nonvisual access technology that made it possible for a blind person to safely and independently operate an automobile. (blinddriverchallenge.org) Through this initiative, researchers and technology manufacturers realized that there is significant benefit in collaborating with the blind toward the development of next generation technology. Lewis continues this work in his current role by collaborating with automobile manufacturers, university researchers, technology developers, and others working on accessible autonomous vehicle strategies that will result in the creation of accessible, best in class, AV solutions for everyone.

Allanté V. Whitmore, Ph.D. currently serves as the Director of SAFE's Autonomous Vehicle (AV) Initiative. The AV Initiative has led the effort to study and quantify many of the benefits that these new technologies can offer and will continue to advocate for well-thought out and safe policy solutions to advance this critical technology. Whitmore's passion and expertise brings a new voice to the AV community as she

recently earned a joint Ph.D. in Civil and Environmental Engineering and Engineering and Public Policy from Carnegie Mellon University. Her research explores the environmental, equity, economic, and ethical impacts of AVs. More specifically, she assesses the integration of AVs with other modes of travel to ensure equity and accessibility, while maintaining cost-efficiency, which is important to benefiting the disadvantaged, disabled, the elderly, and society as a whole. Prior to joining SAFE, Whitmore interned at Argonne National Laboratory in the Vehicle and Mobility Systems Group, as well as served as a member of the Pittsburgh Micromobility Collective and Pittsburgh Department of Mobility and Infrastructure AV Policy Advisory Group.

Ariel Wolf leads Venable's Autonomous and Connected Mobility group, where he counsels clients facing complex legal and policy issues at the intersection of automation, electrification, connectivity, data privacy, and cybersecurity. Ariel is a recognized thought leader who works closely with vehicle manufacturers, technology companies, advanced equipment suppliers, and software developers to navigate the emerging landscape being transformed by autonomous vehicles (AVs) and mobility technology. Ariel's legal work includes serving as general counsel to the Autonomous Vehicle Industry Association (AVIA), the nation's leading coalition of AV developers, to advance federal, state, and international regulatory priorities for the AV industry. He provides sophisticated legal counseling to clients through the application of general transportation law to novel use cases and technologies, and is a seasoned advocate who represents clients before agencies that include the National Highway Traffic Safety Administration (NHTSA) and the Federal Motor Carrier Safety Administration. Previously, as a senior official in the U.S. Department of Transportation (USDOT), Ariel launched the Department's Non-traditional and Emerging Transportation Technology (NETT) Council, oversaw the Department's efforts on spectrum policy, and developed policies governing automated vehicles, drones, hyperloop, and other innovative technologies. In addition to his legal work, Ariel leverages nearly two decades of government affairs experience to engage with federal and state policymakers and negotiate regulatory frameworks that govern AVs and related emerging mobility technology. He has testified before the U.S. Congress and across the country on autonomous and connected vehicle legislation and is frequently quoted by national media outlets on transportation developments. Ariel is a member of Venable's Privacy Group and his work has been recognized by *Legal 500*.