Sixth Annual Vision Zero Research on the Road
November 29, 2023
1 Liberty Plaza, 14th Floor Conference Center
Agenda

9:15a – 9:30a: Arrival and Sign-In

9:30a – 10:30a: Opening Session

> *Moderator: Geraldine Sweeney, Chief Strategy Advisor, NYC Mayor's Office of Operations*

Welcoming Remarks
> *Dr. Ashwin Vasan, Commissioner, NYC Department of Health and Mental Hygiene*

Motorized Two-Wheeler Safety Trends
> *Rob Viola, Director, Safety Research & Policy, Research, Implementation & Safety, NYC Department of Transportation*

Trends in New York City Motor Vehicle Traffic Fatalities: 2011-2020
> *Lawrence Fung, MPH, Senior Traffic Safety Specialist, NYC Department of Health and Mental Hygiene*

Using Integrated Data to Catalyze Transportation Safety Research: The NJ Safety and Health Outcomes (NJ-SHO) Data Warehouse
> *Allison Curry, PhD, MPH, Associate Professor of Pediatrics, University of Pennsylvania Perelman School of Medicine, and Senior Scientist and Director of Epidemiology and Biostatistics, Center for Injury Research and Prevention at the Children's Hospital of Philadelphia*

10:30a – 10:35a: Move to next session

10:35a – 11:20a: Concurrent Panel Presentation Sessions

Micromobility (Room A):
> *Moderator: Madeline Labadie, Deputy Chief of Staff to the Mayor, City of New York*

Understanding the modal shift to gas mopeds
> *Irene Figueroa-Ortiz, AICP, Policy Advisor, Office of the Commissioner, NYC Department of Transportation*

Micromobility: From injury to coding
> *Jonathan Robitsek, PhD, Director of Research Education and Innovation, Medisys Health Network and Research Director, Department of Surgery & Trauma, Jamaica Hospital Medical Center*

Micromobility and Economic Justice
> *Divya Subramanian, Associate Director, Invest NYC SDG Initiative, NYU Stern Center for Sustainable Business*

Safer Speeds (Room B):
> *Moderator: Erin LaFarge, Deputy Chief, Vehicular Crimes Unit, New York County District Attorney's Office*

Slowing Down for Safety: A Longitudinal Study of the Fixed Speed Cameras in NYC
> *Jingqin Gao, PhD, Assistant Director of Research, NYU C2SMARTER Center*

Automated Speed and Red Light Enforcement in NYC: Recent Trends

Will Carry, Assistant Commissioner for Policy, NYC Department of Transportation

The Dangerous Vehicle Abatement Program in the Rear View Mirror: Lessons Learned

Kim Wiley-Schwartz, Assistant Commissioner for Education and Outreach, NYC Department of Transportation

11:20a – 11:30a: Break

11:30a – 12:15p: Concurrent Panel Presentation Sessions

Technology for Safer Roads (Room A):

Moderator: Teddy Swenson, Senior Manager of Active Design, Bureau of Chronic Disease Prevention, Center for Health Equity and Community Wellness, NYC Department of Health and Mental Hygiene

NYC DOT Street Sensor Pilot: Using Computer Vision to Improve Street Safety

Carl Sundstrom, Director of Policy and Innovation, Street Improvement Programs, NYC Department of Transportation

A-Eye Urban: Exploring the opportunities of low-cost computer vision solutions for enhancing urban roadway safety

Fan Zuo, PhD, Postdoctoral Associate, NYU C2SMARTER Center

AI for Urban Transportation Digital Twin and Leveraging Street Cameras to Support Precise Outdoor Navigation for Blind Pedestrians

Xuan (Sharon) Di, Associate Professor, Department of Civil Engineering and Engineering Mechanics, Columbia University in the City of New York; and Gaurav Jain, PhD Candidate, Columbia University

Safer Vehicles (Room B):

Moderator: Nathaniel Koszer, Fleet Safety Supervisor, NYC Department of Citywide Administrative Services

Cycling Safety Analysis: A Close Look at Vehicle Type Association with Bicycle Collisions, Injuries, and Fatalities

Suzana Duran Bernardes, PhD Candidate, NYU C2SMARTER Center

Vehicle and Traffic Safety in the Trade Waste Industry

Nicole Mathias, Director of Policy, NYC Business Integrity Commission

Safe Fleet Transition Plan for School Buses

Keith Kerman, Deputy Commissioner, Department of Citywide Administrative Services, and NYC Chief Fleet Officer

12:15p – 1:15p: Lunch

1:15p – 1:30p: Introduction to afternoon discussion sessions

Geraldine Sweeney, Chief Strategy Advisor, NYC Mayor's Office of Operations and Anna Caffarelli, Injury and Violence Prevention Program, NYC Department of Health and Mental Hygiene

1:30p – 2:30p: Concurrent Discussion Sessions

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i.   **Micromobility I** (Room A) – *Facilitator: Irene Figueroa-Ortiz, AICP, Policy Advisor, Office of the Commissioner, NYC Department of Transportation*

ii. **Micromobility II** (Room A) – *Facilitator: Josh Langham, Josh Langham, Director, Active Design Program, Bureau of Chronic Disease Prevention, NYC Department of Health and Mental Hygiene*

iii. **Safer Speeds I** (Room B) – *Facilitator: Erin LaFarge, Deputy Chief, Vehicular Crimes Unit, New York County District Attorney's Office*

iv. **Safer Speeds II** (Room B) – *Facilitator: Anna Caffarelli, Injury and Violence Prevention Program, NYC Department of Health and Mental Hygiene*

2:30p – 2:35p: Move to next session

2:35p – 3:35p: Concurrent Discussion Sessions

v.   **Safer Roads I** (Room A) – *Facilitator: Kim Wiley-Schwartz, Assistant Commissioner for Education and Outreach, NYC Department of Transportation*

vi. **Safer Roads II** (Room A) – *Facilitator: Rob Viola, Director, Safety Research & Policy, Research, Implementation & Safety, NYC Department of Transportation*

vii. **Safer Vehicles I** (Room B) – *Facilitator: Terri Matthews, Director, Town+Gown:NYC, NYC Department of Design and Construction*

viii. **Safer Vehicles II** (Room B) – *Facilitator: Josh Langham, Josh Langham, Director, Active Design Program, Bureau of Chronic Disease Prevention, NYC Department of Health and Mental Hygiene*

3:35p – 4:15p: Closing Session

Report out from discussion sessions: Areas for future research and collaboration
Geraldine Sweeney, Chief Strategy Advisor, NYC Mayor's Office of Operations and Terri Matthews, Director, Town+Gown:NYC, NYC Department of Design and Construction
Vision Zero in NYC – Street Improvement Projects: 10+ Years of Effective Roadway Safety Enhancements
Ann Marie Doherty, Senior Director of Research, Implementation & Safety, NYC Department of Transportation
Announcement of Inaugural New York City Vision Zero Research Award
Anna Caffarelli, Injury and Violence Prevention Program, NYC Department of Health and Mental Hygiene

4:15p – 4:30p: Networking and departure

Thank you for attending. Please complete this survey to give us feedback on the event.

Suzana Duran Bernardes, Ph.D. Candidate, NYU C2SMARTER Center, is an Associate Staff Analyst at the Metropolitan Transportation Authority and a Ph.D. candidate in Transportation Planning and Engineering at New York University Tandon School of Engineering. Her research focuses on advancing technology and methodologies for collecting, analyzing, and evaluating the safety of vulnerable road users. Suzana earned her Master's in Transportation Planning and Engineering from New York University Tandon School of Engineering in 2020, where she developed a multi-sensor platform for collecting naturalistic cycling data. She is driven to uncover innovative ways to collect and analyze data to enhance the safety of non-motorized vehicles. Her areas of research interest include Intelligent Transportation Systems (ITS), urban mobility, and traffic safety.

Anna Caffarelli, Special Projects Coordinator, Injury and Violence Prevention Program, NYC Department of Health and Mental Hygiene, has more than 20 years of experience in public health programming and policy, and currently works on initiatives to promote traffic safety, prevent falls among older adults, and improve child safety. She serves as a Health Department liaison to New York City's Vision Zero Task Force.

Will Carry, Assistant Commissioner for Policy, New York City Department of Transportation (NYC DOT), works on broad range of policy issues, including Vision Zero, micromobility, accessibility, congestion pricing, electric vehicle charging, and federal affairs. Will has over 18 years of public sector experience in transportation in the New York City metropolitan region. While at NYC DOT, he led the development of the agency's bus rapid transit vision plan, 2016 strategic plan, and electric vehicle charging strategy. He holds an A.B. in Public Policy from Princeton University and a Master of City Planning from the Massachusetts Institute of Technology.

Allison E. Curry, PhD, MPH, is an Associate Professor of Pediatrics at the University of Pennsylvania Perelman School of Medicine and a Senior Scientist and Director of Epidemiology and Biostatistics at the Center for Injury Research and Prevention at the Children's Hospital of Philadelphia (CHOP). She is an injury epidemiologist by training and her research focuses on the prevention of motor vehicle crashes and support of safe transport across the lifespan. Dr. Curry and her team have spent the last decade developing the New Jersey Safety and Health Outcomes (NJ-SHO) Data Warehouse—a statewide data source of traffic safety and health data that includes 24 million NJ residents—and have published nearly 50 research papers using these data. Dr. Curry is also the principal investigator of a large research program to support driving safety for teens with attention-deficit hyperactivity disorder and autism spectrum disorder, their families, and groups that support them during the learning-to-drive process.

Xuan (Sharon) Di, Associate Professor, Department of Civil Engineering and Engineering Mechanics, Smart Cities Center, Data Science Institute, Columbia University in the City of New York, serves on a committee for the Smart Cities Center in the Data Science Institute. Dr. Di directs the DitecT (**D**ata and **i**nnovative **tec**hnology-driven **T**ransportation) Lab. Her field of research is transportation systems engineering, with a focus on reshaping technological innovation for social good. Her research lies at the intersection of game theory and machine learning. She specializes in autonomous vehicle control in mixed traffic, cyber physical transportation systems, multi-modal mobility optimization, and transportation and health, using innovative tools including physics-informed deep learning and mean-field games. Details about DitecT Lab and her research can be found here.

Ann Marie Doherty, Senior Director of Research, Implementation & Safety (RIS), Division of Transportation Planning & Management, New York City Department of Transportation, has been working for the NYC Department of Transportation since 1990 in various roles relating to planning, engineering and safety. Currently, she is managing RIS, a multi-disciplinary team focused on Vision Zero and eliminating fatalities and severe injuries

throughout NYC through innovative street redesigns, robust data analytics and research, and policy recommendations. Ms. Doherty is responsible for conducting complex research and safety studies and developing safety programs and projects based upon robust data-driven analysis. She oversees the planning, designing and implementation of street improvement projects and safety programs citywide, including Bus Stops Under the El, Safe Streets for Seniors, Raised Crosswalks, Speed Reducers and School Safety. Her unit also is responsible for the analysis of crash data which is used to target high crash intersections and corridors in need of safety intervention.

Irene Figueroa-Ortiz, AICP, Policy Advisor, Office of the Commissioner, NYC Department of Transportation (DOT), oversees the micro and shared mobility policy portfolios. Irene's recent work focuses on emerging micromobility topics such as battery charging for e-bikes and the changing street access demands brought by the mode shift of delivery services to micromobility devices. Before her current role, Irene worked as a Senior Project Manager at DOT's Public Space Unit. She designed and implemented pedestrian-priority projects in NYC. Irene earned a dual master's degree in architecture and urban planning with Distinction from the Harvard University Graduate School of Design and a bachelor's degree in environmental design from the University of Puerto Rico. Between 2016 and 2019, she was an Enterprise Rose Architectural Fellow.

Lawrence Fung, MPH, Senior Traffic Safety Specialist, NYC Department of Health and Mental Hygiene (DOHMH), works with for the Injury and Violence Prevention Program at DOHMH. He serves as one of DOHMH's lead representatives for NYC's Vision Zero Traffic Safety Initiative, working closely with sister city agencies, such as New York City Department of Transportation and the New York City Police Department, to put data into action and to develop traffic safety messaging. He leads analytic work on a range of salient injury topics including fireworks-related injuries, child injury death and how injury ranks as a cause of death across ages, borough and race/ethnicity in NYC.

Jingqin Gao, Ph.D., Assistant Director of Research, NYU C2SMARTER Center, is a dedicated professional with over 10 years of experience in transportation planning and engineering. As the Assistant Director of Research at the C2SMARTER University Transportation Center, funded by the U.S. DOT, Dr. Gao's research has focused on emerging technologies and urban analytics for smart transportation. She is best known for her research on evaluating the field performance of the U.S. DOT's Connected Vehicle Pilot Deployment Safety Applications in New York City, assessing the mobility and policy impacts on transportation systems during the COVID-19 pandemic, AI-based transportation solutions, and double parking analysis. Before joining NYU, Dr. Gao worked at the NYC DOT, focusing on data analysis and simulation models. An advocate for women in STEM, her contributions have been recognized with accolades such as a listing in "Who's Who in America" among Professional Women in 2023, and awards from the ITE MET and WTS-GNY chapters.

Gaurav Jain, Ph.D. candidate (Prof. Brian A. Smith, Computer-Enabled Abilities Lab (CEAL), Advisor), Computer Science Department, Columbia University, conducts research at the intersection of Human-Computer Interaction, Computer Vision, and Accessibility. Gaurav's work focuses on developing AI-driven interactive systems that empower blind and low-vision people to access the world with more agency. He has developed systems that embed AI within street intersections for independent and safe outdoor navigation for blind pedestrians. Gaurav's work also introduces new approaches for navigation assistance, studying how technology can enable blind people to explore unfamiliar environments. Additionally, he has contributed to digital media accessibility, developing systems that generate audio representations for sports broadcasts, enabling blind viewers to visualize the action by themselves.

Keith Todd Kerman is a Deputy Commissioner at the Department of Citywide Administrative Services and New York City's first Chief Fleet Officer, appointed in 2011. Keith leads efforts in daily fleet services, fleet efficiency, vehicle safety, and fleet sustainability under Mayor Adams. Keith implements nation leading efforts in shared servicing, telematics, truck side-guards, electric vehicles, solar carports, and biofuels. New York City has 29,500 fleet units; the largest US municipal fleet. DCAS operates the largest electric vehicle (EV) fleet (4,000+) and

charging network (1,270+) in New York State. The city operates 20,000 alternative fueled vehicles including biodiesel, hybrid, plug in, or fully electric. This is the nation's largest alternative fuel powered fleet. Keith is one of original leads of New York City's Vision Zero initiative. Under Deputy Commissioner Kerman's leadership, the City of New York has implemented the nation's largest government telematics rollout with over 27,000 City vehicles and school buses tracked. All telematics data is monitored through the DCAS Fleet Office of Realtime Tracking (FORT).   DCAS has trained over 75,000 drivers in defensive driving and installed over 72,000 vehicle safety systems including surround cameras, pedestrian collision warning systems, and backup alarms. This also includes North America's largest truck sideguard rollout and an initiative to install Intelligent Speed Assistance (ISA) on vehicles. Thanks to Keith, DCAS and US DOT Volpe have established a partnership to transition public and private fleets to safe and clean alternatives. Deputy Commissioner Kerman has been a public servant for 29 years including 17 years at NYC Parks managing Citywide Operations from the Arsenal in Central Park.   Deputy Commissioner Kerman is from Massachusetts and an alumnus of Harvard College.

In 2019, Deputy Commissioner Kerman received the Sloan Public Service Award, referred to as the Nobel Prize of New York public service. In 2021, Deputy Commissioner Kerman received a national Climate Leadership Award from the Climate Registry, C2RS, and Bloomberg Philanthropies. In May 2022, Deputy Commissioner Kerman was inducted into the Public Fleet Hall of Fame and named this year's Legendary Lifetime Achievement award winner by Government Fleet Magazine.

Nathaniel Koszer, Fleet Safety Supervisor, Fleet, NYC Department of Citywide Administrative Services, has been working for DCAS Fleet since 2016. He was first hired as a defensive driving instructor and coordinator for property damage claims that involved City Fleet vehicles. He was promoted into the Fleet Safety Supervisor position in 2020 with the broad goal of managing the day-to-day work of DCAS' Vision Zero agenda. Nate currently manages the collision reporting system utilized by most city agencies for reporting collisions and incidents involving City vehicles. He also oversees many of DCAS Fleet's safety retrofit projects, including the highly publicized pilot of Intelligent Speed Assistance technology. Nate also continues to teach defensive driving, train new defensive driving instructors, and continually update the Vision Zero portion of the curriculum. He also represents DCAS at various Vision Zero and vehicle safety events throughout the City.

Madeline Labadie, Deputy Chief of Staff to Mayor Eric Adams, is co-chair of the Mayoral Task Force on E-Micromobility, leads large event bids and planning, oversees Citywide and Mayoral Events teams, and serves as City Hall lead on Vision Zero interagency coordination. Prior to joining the Adams Administration City Hall in January 2022, Madeline served in various roles at the NYC Taxi & Limousine Commission, leading street safety efforts and successfully securing minimum pay standards for taxi and FHV drivers. She holds a Master of Public Administration degree from NYU Wagner Graduate School of Public Service.

Erin Bersak LaFarge, Deputy Chief in the Vehicular Crimes Unit, New York County District Attorney's Office in Manhattan, has been a passionate and dedicated career prosecutor and transportation safety expert for over 16 years. She has been at the forefront of investigating and prosecuting advanced vehicular crimes and ensuring justice for victims and their families. She has actively contributed to the city's Vision Zero initiative, collaborating with various agencies to create and defend transportation policies aimed at eliminating all vehicular deaths. Her dedication to enhancing public safety is not only evident in her professional capacity but also extends to community involvement, where she serves as a Certified Child Passenger Safety Technician and actively participates in the New York City Traffic Safety Board and the Motorcycle Advisory Council.

Josh Langham, Director of the Active Design program, Center for Health Equity and Community Wellness, Bureau of Chronic Disease Prevention, New York City Department of Health and Mental Hygiene, focuses on increasing opportunities for physical activity and overall health through the design of the built environment. Josh's multi-agency and cross-disciplinary projects and programs aim to implement Active Design strategies in citywide policies and initiatives. His team is currently leading the update to the City's Active Design Guidelines, which aims to incorporate guidelines that go beyond the promotion of physical activity to promote mental health and social

cohesion with a racial justice and equity lens. He has a degree in landscape architecture from the University of Wisconsin-Madison and a Master's degree in Urban Planning from the Wagner School of Public Service at New York University.

Nicole Mathias, Director of Policy, NYC Business Integrity Commission, joined the Business Integrity Commission or "BIC" in 2017, first as a Background Investigation Analyst and then a Legal and Policy Analyst before moving to the Director of Policy role in 2021. She works with the Commissioner and senior staff on external policy matters and oversees the Policy Unit including communications, legislative affairs, and intergovernmental affairs. She represents BIC on the Vision Zero Task Force and works with BIC's data analyst to analyze traffic safety data, enforcement, and compliance for the regulated trade waste (or commercial waste) industry. She also works with BIC's Legal and Investigations units on developing and implementing new agency rules and regulations such as the side guard requirement.

Terri Matthews, Director, Town+Gown:NYC, NYC Department of Design and Construction, created the Town+Gown:NYC program, a city-wide built environment research program, to support efforts like the collaborative efforts among practitioners and academics envisioned by the Vision Zero Research on the Road events, which Town+Gown has partnered with Vision Zero since the first event. Vision Zero aims at policy making and operational changes based on applied research results, which is Town+Gown's core mission. She started out as a public finance law attorney and previously worked in New York City government on public budgeting, public finance, performance measurement and public procurement, all of which influence her current work in the built environment through Town+Gown. Ms. Matthews is a graduate of Boston College and Boston College Law School, and has a Master of Public Administration from NYU Wagner and a Master of Science from NYU Tandon.

R. Jonathan Robitsek, Ph.D., Director of Research Education and Innovation, Medisys Health Network and Research Director, Department of Surgery & Trauma, Jamaica Hospital Medical Center, received his Ph.D. in experimental psychology from Boston University where he investigated the behavioral and electrophysiological phenotypes associated with the role of the hippocampus in memory and normal aging. During his postdoctoral fellowship in pharmacology at Boston University School of Medicine, he extended his study of normal aging and used sub-therapeutic doses of anti-seizure medicines to reduce excess hyperactivity within the hippocampus and improve cognition. He joined the department of surgery at Jamaica Hospital Medical Center in 2014 as research director and became the director of research education and innovation for MediSys Health Network in 2023. His current research interests include trauma/critical care surgery, developing predictive models to inform clinical decisions, and building efficient data pipelines for reporting. He lives in Setauket, NY with his wife and daughter and enjoys collecting LPs, fountain pens, saltwater fishing, and good coffee.

Divya Subramanian, Associate Director, Invest NYC SDG Initiative at NYU Stern Center for Sustainable Business, which is one of the founding members of the Equitable Commute Project, a collaboration of seven New York City organizations working to create equitable access to safe, high-quality e-bikes. Her experience spans academia, business, and local government, including roles at the New York Mayor's Office of Operations and Citigroup. Divya's experience spans academia, business, and local government, including roles at the New York Mayor's Office of Operations and Citigroup.

Carl Sundstrom, Director of Policy and Innovation, Street Improvement Programs, NYC DOT, oversees development and analysis of new street designs, manages pedestrian and bicycle data collection and modeling programs, and is developing new programs and improved policies to better support the growing use of micromobility vehicles, including e-bikes. Before working for New York City, Carl worked at the University of North Carolina Highway Safety Research Center where he led practitioner-focused transportation research projects.

Geraldine Sweeney is Chief Strategy Advisor at the Mayor's Office of Operations and provides leadership and strategic planning guidance to a wide range of City agencies. She has led large multi-stakeholder teams of City, State, non-profit, philanthropic, and academic institutions to success on a wide range of initiatives. She has helped

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launch and execute a first-in-the-nation ambitious Vision Zero initiative to address traffic safety, using a data-driven approach to drive down traffic fatalities; helped streamline how over 220,000 small businesses interact with City government by launching Small Business First – saving business owners money and reducing process times for applications; and helped cool our neighborhoods with the ambitious NYC Cool Roofs program.   She played an integral role in developing NYC Service, a program that benchmarked a new standard for cities in tapping the spirit of volunteerism. She implemented the program's signature initiative, NYC Civic Corps program, an outgrowth of AmeriCorps. In response to Hurricane Sandy, Geraldine oversaw the creation of a new $30 million public/private program to help the most vulnerable families in the hardest hit areas rebuild their homes. The Neighborhood Revitalization NYC program served over 1,494 city residents. Geraldine previously held the position of Senior Associate Commissioner at the New York City Department of Information Technology & Telecommunications (DoITT) where she oversaw the Policy, Planning, and Communications Office. There she guided the agency's strategic direction, innovative projects, and creative partnerships. She led large-scale technology initiatives to make it easier for the public to interact with their government.

Teddy Swenson, Senior Manager of Active Design, Bureau of Chronic Disease Prevention, Center for Health Equity and Community Wellness, New York City Department of Health and Mental Hygiene, manages the Active Design in Schools Program and the Placemaking program which support built environment enhancements that increase equitable access to health-promoting spaces in NYC public schools, parks and plazas. Teddy also oversees and conducts evaluation and research activities related to Active Design and the implementation of the Active Design Guidelines. Teddy has an MPH in Epidemiology from Columbia University Mailman School of Public Health with a Certificate in the Social Determinants of Health.

Ashwin Vasan, MD, PhD, Commissioner of Health, City of New York, is a practicing primary care physician, epidemiologist and public health expert with nearly 20 years of experience working to improve physical and mental health, social welfare and public policy outcomes for marginalized populations in New York City, nationally and globally. In his role as Commissioner since early 2022, Dr. Vasan has reshaped the city's public health system to focus on addressing the main drivers of declining life expectancy in the post-COVID emergency era, including overdoses, chronic and diet-related diseases, birth inequities, climate change, and gun violence, while simultaneously strengthening the Health Department's emergency response-readiness capacities. Throughout this work, he has brought in a unique, unparalleled focus to combating the mental health crisis, releasing a comprehensive citywide mental health plan addressing the second pandemic – a crisis of mental health plaguing youth, vulnerable New Yorkers with severe mental illness, and those impacted by the overdose epidemic. Dr. Vasan has concurrently led several other key health priorities, such as leading the ongoing response to COVID-19 as the first American jurisdiction to kickstart vaccination efforts, combatting the 2022 mpox outbreak and pioneering readiness and response to the first case of polio in the US in a decade. Under his leadership, the city also took charge on protecting reproductive rights by launching the NYC Abortion Access Hub, connecting people from New York and nationwide to providers and becoming the first jurisdiction in the US to offer free medication abortions in its clinics. Having begun his career in global health working at Partners in Health and the HIV Department of the World Health Organization, he most recently served as the President and CEO of Fountain House, a US-based mental health nonprofit. He currently serves as faculty at the Columbia University Mailman School of Public Health and Vagelos College of Physicians and Surgeons. Dr. Vasan received his BA in Economics from the University of California, Los Angeles; his ScM in Epidemiology from the Harvard School of Public Health; his MD from the University of Michigan; and his PhD in Public Health from the London School of Hygiene and Tropical Medicine. He completed his clinical training in internal medicine-primary care at New York Presbyterian Hospital. His work has been published extensively in academic literature in journals such as the Lancet, the New England Journal of Medicine, Bulletin of the World Health Organization, Journal of General Internal Medicine, Health Policy and Planning, and AIDS, and has been featured in several mainstream media outlets, including the New York Times, BBC World News, NPR, Al Jazeera, the Guardian, and NBC News Think.

Rob Viola is the Director, Safety Policy & Research at the NYC Department of Transportation. He works within the Research, Implementation and Safety (RIS) unit, which identifies, designs and implements safety programs and

street improvement projects on NYC's streets, develops safety policy and manages crash data for NYCDOT. RIS has also taken the lead in managing much of Mayor de Blasio's Vision Zero traffic safety agenda at NYCDOT. Rob was the lead on NYC DOT safety studies such as the Vision Zero Borough Pedestrian Safety Action Plans, Distraction Shouldn't Be Deadly, Safer Cycling and the Don't Cut Corners Left Turn Study. Rob received his B.A. in North American Studies from McGill University and his Urban Planning masters from Columbia University.

Kim Wiley-Schwartz, Assistant Commissioner, Education and Outreach, NYC Department of Transportation, has worked to make communities stronger and safer in New York City for over 30 years. She began her community work in the arts focusing on afterschool education with a middle school specialty with such organizations as the 92nd Street Y, The Metropolitan Opera and the acclaimed TADA! Children's Theatre. When a four-year-old boy was killed a block from her home by an SUV driver 16 years ago, she changed her career, using her education and community organizing expertise to create curriculum for schools to work for safer streets. For the past 13 years, she has served as the Assistant Commissioner for Education and Outreach at the New York City Department of Transportation where she manages a staff of over 30 people who work with over 600 schools, senior centers and community organizations each year. She oversees many outreach efforts including the distribution of 20K bike helmets and hundreds of car seats to families who needs them annually. She has been a member of the Vision Zero Task Force since 2014 and she is thrilled to lead the culture change piece of the New York City Vision Zero Initiative.

Fan Zuo, Ph.D., Postdoctoral Associate, NYU C2SMARTER Center, conducts research with an insightful approach to learning theory, human behavior, and artificial intelligence applications in transportation. His expertise ranges from interactive simulation to Intelligent Transportation Systems (ITS), grounded in a thorough comprehension of machine learning principles. Skilled in computer vision and traffic simulation tools such as SUMO and Carla, Dr. Zuo adeptly blends quantitative and qualitative research to drive progress. He studies key issues in vehicle safety, cybersecurity, and privacy in transportation data exchange, enhancing operational strategies with automated data. His analysis of the mobility impacts of events like the COVID-19 pandemic illustrates the breadth of his expertise. As a collaborator on whitepapers and technical studies, Dr. Zuo is dedicated to the advancement of Connected and Autonomous Vehicle (CAV) technology, embracing the collective effort required for innovation in this dynamic field.