Vision Zero Research on the Road, Part 5
Wednesday, November 16, 2022

Biographies

Anna Caffarelli is Special Projects Coordinator for the Injury and Violence Prevention Program at the New York City Department of Health and Mental Hygiene. She 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. Ms. Caffarelli holds a Master of Health Science degree from the Johns Hopkins Bloomberg School of Public Health and a Bachelor of Arts degree from Cornell University.

Christopher Cahill, Senior Data Scientist, NYCDOT, has been with NYCDOT since 2020, working in the Data Operations, Systems, and Analytics unit. He currently works as a Senior Data Scientist, shepherding and analyzing the agency's crash data with the rest of his unit. Christopher has worked to analyze the safety efficacy of the agency's speed camera program and other traffic safety interventions, tracked changes to traffic and crash patterns during the COVID-19 pandemic, and created data processes for repeatedly identifying severe injury locations with a history of similar incidents. He is passionate about the use of data to aid informed decision-making in the public sector.

Conor Clarke, Senior Transportation Planner, NYC Department of City Planning, in ten years as a planner with DCP, has worked on projects on micromobility, bike planning, parking policy, neighborhood transportation planning and transportation data analysis. He is a native of New York City.

Ann Marie Doherty has been working for the NYC Department of Transportation since 1990 in various roles relating to planning, engineering and safety. Currently, she is Senior Director of the Research, Implementation & Safety (RIS) Unit of the Transportation Planning & Management Division at the New York City Department of Transportation. RIS is a multi-disciplinary team dedicated to improving road safety and eliminating fatalities and severe injuries throughout NYC through street redesigns, robust data analytics and research, and policy recommendations. Ms. Doherty is responsible for conducting complex planning 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.   She has been managing and implementing various initiatives under NYC's Vision Zero Plan, including the development of the Pedestrian Safety Action Plans which were released in February 2015, with a third update expected by year's end.

James C. Fell has been a Principal Research Scientist with NORC at the University of Chicago in the Bethesda, Maryland office since 2016. His areas of research include traffic safety behavioral programs, alcohol and drug impaired driving, underage drinking and cannabis use, alcohol and cannabis policies. In 2019, Mr. Fell served as a consultant to the United Nations to develop strategies to address the issue of impaired driving for road safety in the Asia-Pacific countries. Mr. Fell worked at the National Highway Traffic Safety Administration (NHTSA) from 1969 to 1999 and has over 50 years of traffic safety and alcohol policy research experience including over 170 publications. He has a Master's degree in Human Factors Engineering from the University of Buffalo. Mr. Fell is currently President of the International Council on Alcohol, Drugs, and Traffic Safety (ICADTS) and a past-president of the Association for the Advancement of Automotive Medicine (AAAM).

Lawrence Fung is the Senior Traffic Safety Specialist for the Injury and Violence Prevention Program at the New York City Department of Health and Mental Hygiene (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 (Jannie) Gao is a Senior Research Associate at C2SMART Tier 1 University Transportation Center funded by US Department of Transportation. She received her Ph.D. and M.S. in Transportation Planning and Engineering from New York University, and her B.S. in Science and Technology of Optical Information from Tongji University. Her research interests lie in big data and artificial intelligence solutions for transportation, emerging technologies with emphasis on connected and automated vehicles, accessible transportation, traffic simulation modeling, and parking management. She was one of the lead researchers in evaluating the performance of the New York City Connected Vehicle Pilot Deployment Program. Before joining NYU, Jingqin worked in the Modeling and Data Analysis unit at the New York City Department of Transportation (NYC DOT), which supports the agency's internal planning, technical review processes, and coordinated with external agencies on regional projects. She has been awarded the 2019 ITE Louis J. Pignataro Memorial Transportation Engineering Education Award and WTS Leadership Legacy Award for her outstanding achievements in the practice of the transportation profession and women in transportation initiative. Jingqin also co-directed TransportationCamp NYC since 2020, an unconference bringing together over 250 transportation professionals annually in the city of New York.

Meera Joshi is the Deputy Mayor for Operations, overseeing New York City's infrastructure portfolio. Prior to joining the Adam's Administration, Meera Joshi was President Biden's nominee for Administrator of USDOT's Federal Motor Carrier Safety Administration, the agency responsible for regulation of interstate trucking.   In this role, Meera led initiatives aimed at improving roadway safety,

the working conditions of truck drivers and accountability mechanisms to integrate automation. She was previously, Chair and CEO of the New York Taxi and Limousine Commission, the nation's largest for-hire transportation regulator where she spearheaded Vision Zero campaigns keeping high risk drivers and unsafe vehicles off the road and led landmark policy, including establishing robust open transportation data standards; enacting the nation's first for-hire driver pay protection program and providing broad and on demand access to for-hire transportation for passengers who use wheelchairs. In addition to transportation oversight, Meera was the Inspector General for New York City's Department of Corrections, responsible for investigation of corruption and criminality at all levels of New York City's jail operations and the First Deputy Executive Director of New York City's Civilian Complaint Review Board, leading investigations of civilian allegations of police misconduct. In addition to her government transportation experience, Meera served as General Manager for the New York Office of Sam Schwartz Transportation Consultants and was a visiting scholar at New York University's Rudin Center for Transportation Policy. Meera Joshi was born and raised in Philadelphia, Pennsylvania. She holds and B.A. and J.D. from the University of Pennsylvania.

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.

Timothy Kessler, Detective, is a fifteen-year veteran of law enforcement with majority of that being spent in the NYPD Highway Patrol. He holds a Bachelor of Science degree in Criminal Justice. Detective Kessler is a technical supervisor for New York State breath analysis instruments, a Drug Recognition Expert Instructor and NYPD Agency Coordinator. He is an expert consultant and witness for DWI/DWAI cases in New York City and surrounding jurisdictions. Detective Kessler has trained and instructed tens of thousands of officers, district attorneys and other law enforcement personnel in the detection and deterrence of impaired driving.

Julia Kite-Laidlaw is the Director of Safety Policy at the New York City Department of Transportation. Her portfolio is the Vision Zero program, New York City's internationally-recognized initiative to eliminate serious injuries and deaths in traffic through a combination of engineering, enforcement, and education. This data-driven, multi-agency program has led to historic reductions in New York City road fatalities since 2014, bucking national trends. Most recently she helped secure changes to state law that now allow New York City's speed camera program to operate 24 hours a day, seven days a week, and she is currently working on further legislative initiatives to tackle dangerous driving behaviors that have led to increased fatalities since the start of the COVID-19 pandemic. Prior to joining DOT, Julia was the Policy and Research Director for the advocacy group Transportation Alternatives, following positions in public health, urban regeneration, and social policy research in San Francisco, Boston, and London. She holds an MA in Sociology from the University of California – Berkeley, an MSc in Social Policy and Planning from the London School of Economics, and a BA in Urban Studies from Columbia University.

Erik Marketan, BA, EMT-P/CC, is a Bronx native, coordinating Injury Prevention programs at SBH/St. Barnabas Hospital and teaching resuscitation medicine as the American Heart Association Training Center Coordinator. A retired 25-year NYC*911 paramedic and 9/11 First Responder, he graduated from the Bronx High School of Science and Washington University in St. Louis. Of note, he was a Policy Analyst under NYC Comptroller Harrison Goldin and undergraduate NYC Government Scholar. He is an avid kayaker and cyclist, completing the last two NYC 5-Boro Bike Tours.

Angelo Mascia, D.O.**,** is a New York native trained in Emergency Medicine at SBH/St Barnabas Hospital. Currently an Emergency Medicine Attending at SBH and Westchester Medical Center. He also serves as the first Clinical Quality and Safety Fellow at SBH with a strong interest in quality improvement and patient safety. Dr. Mascia is a graduate of SUNY Albany and NYIT-College of Osteopathic Medicine. He is an avid Disc Golfer and founder of the Westchester Disc Golf Enthusiasts.

Anthony Miranda was appointed New York City's sheriff in May 2022. Sheriff Miranda has served in various positions throughout the course of his distinguished career in law enforcement. He joined the New York City Police Department in 1982, serving first as a detective in the Organized Crime Control Bureau and Detective Bureau and later as a sergeant in several areas, including the Street Narcotics Enforcement Unit, Community Policing, Internal Affairs Bureau, and Patrol Service Bureau. Following his tenure with NYPD, Sheriff Miranda served as chief of police and director of security for the

Administration of Children's Services, where he directed and administered agency security operations and advised agency leadership on security matters, threats, vulnerabilities, and various methodologies to mitigate risks to staff and facilities. He later served as a law enforcement consultant, providing expert guidance to justices, lawyers, and civilians on policing issues. The sheriff and his team are charged with a wide range of law enforcement responsibilities, including the duty to preserve the peace and serve and enforce mandates and orders issued from local or state courts, the federal government, foreign countries, the New York City Tax Tribunal, or the commissioner of the Department of Finance. The sheriff executes processes involving the seizure of money or property pursuant to writs, warrants, and court orders; serves civil and criminal process; apprehends fugitives from justice; and escorts persons in civil custody to correctional facilities, hospitals, and court. The Sheriff's Office enforces all laws and ordinances concerning the trafficking of synthetic narcotics and illegal, untaxed, or counterfeit tobacco products. The sheriff is also responsible for enforcing and preventing the violation of all tax laws and ordinances and all laws and ordinances involving the theft or fraudulent conveyance of real property in New York City. Sheriff Miranda holds a Bachelor of Science in criminal justice from John Jay College of Criminal Justice, as well as numerous licenses and certifications. He is fluent in Spanish and has received the New York City Council Man of Courage Award and the Albert Einstein International Academy Foundation Peace Medal, among other honors.

Carolyn (Cari) Olson, Assistant Commissioner, NYC Department of Health and Mental Hygiene
Cari has been focusing on the effective use of data to inform public health and environmental justice practice at the NYC Health Department for more than 15 years. As Assistant Commissioner of the Bureau of Environmental Surveillance and Policy, she directs a multi-disciplinary team in innovative health research, legislative and regulatory action, informatics, and communications across environmental health and health equity topics, including climate change and air quality. Cari leads multi-faceted efforts to combat the health impacts of climate-related hazards via sustainable urban planning, healthcare system investment, community resiliency, and adaptation action in residential buildings. She received an MPH from Columbia University's Mailman School of Public Health, and a BS in journalism from Northwestern University.

Kaan M.A. Özbay joined the Department of Civil and Urban engineering and Center for Urban Science and Progress at NYU in August 2013. Since its inception, Dr. Özbay is the lead Principal Investigator and Director of the C2SMART USDOT Tier I University Transportation Center based at NYU. Dr. Ozbay was a tenured full Professor at the Rutgers University Department of Civil and Environmental Engineering until July 2013. Dr. Ozbay is the recipient of the prestigious National Science Foundation (NSF) CAREER award. Dr. Ozbay published approximately 300 refereed papers in scholarly journals and conference proceedings. He is a member of the editorial board of the ITS journal. Since 1994, Dr. Ozbay, has been the Principal Investigator and Co-Principal Investigator of 100 projects funded at a level of approximately $20,000,000 by NSF, NJDOT, NYMTC, NYSDOT, New Jersey Highway Authority, USDOT, FHWA, VDOT, Department of Homeland Security, USDOT ITS Research Center of Excellence. He was the founding director of the Rutgers Intelligent Transportation Systems (RITS) laboratory. His research

interests include development of simulation models of large-scale complex transportation systems, advanced technology and sensing applications for Intelligent Transportation Systems, modeling and evaluation of traffic incident and emergency management systems, feedback based online real-time traffic control techniques, traffic safety, application of operations research techniques in network optimization and humanitarian inventory control, and transportation economics.

Masha Pitiranggon is an Environmental Scientist with the Air Quality Program at DOHMH, which runs the New York City Community Air Survey (NYCCAS), a citywide network of about 100 air pollution monitoring sites. Masha analyzes data on air pollution, emission sources, and health to understand source contributions and health impacts.

Eric Richardson is the Deputy Chief Fleet Management Officer at the Department of Citywide Administrative Services (DCAS)/NYC Fleet and has worked in his current role for the last 9 years and with DCAS for almost 21 years. Mr. Richardson serves as the liaison for DCAS to Mayor Adams' Vision Zero Task Force and works in his role to implement the Vision Zero goals for New York City Fleet including the rollout of a citywide telematics system, the implementation of the Fleet Office of Realtime Tracking (FORT), managing the city's defensive driving program, and administering the New York City Safe Fleet Transition Plan (SFTP). Based on the requirements within the NYC SFTP each new vehicle specification is reviewed by Mr. Richardson to ensure compliance, or a research and review evaluation is completed where it does not. Eric has also lead efforts with the United States DOT Volpe Center on a Safe Fleet Transition Plan for private trade waste vehicles and is currently working with Volpe, the Department of Education Office of Pupil Transportation, and private school bus companies on a SFTP for school buses. Under his oversight NYC has rolled out the largest truck sideguard program in North America on more than 3,700 trucks, a truck surround camera program on over 1,500 vehicles, a pilot program with the federal DOT and city DOT for connected vehicle technology and is testing various additional safety systems for future consideration and rollout including the largest municipal intelligent speed assist (ISA) pilot in the country. The city fleet has also rolled out live telematics across all city agencies integrating both citywide and agency specific systems into one common platform consisting over 15,000 on road city vehicles as well as thousands of pieces of off road equipment. Mr. Richardson also works with the NYC Department of Education regarding their rollout of telematics to the entire contracted school bus fleet of over 10,000 buses, on the creation of safety reporting, and training of school bus drivers.
As part of the live telematics program Mr. Richardson manages the design and creation of vehicle safety dashboards, monthly summary reporting, safe driving campaigns using telematics data, and driver behavior alerts. He works with his fleet colleagues to research collision and alerts that are recorded via the telematics system and uses the data to model new training methods. Eric also works on creating partnerships across other government fleets, non-profit organizations, and advocacy groups to encourage best practices for professional vehicle fleets and drivers. Eric is also a member of the Together for Safer Roads Global Leadership Council for Fleet Safety. He is also a long time NASCAR fan and has attend numerous E Grand Prix events in his hometown of New York City.

Julian Santaella-Tenorio is an epidemiologist (MSc, DrPH) whose work focuses on substance use and related harms, access to treatment for mental health conditions, injury and violence prevention, policy evaluation research, and the intertwining of these fields to understand how they shape the health of populations. Most of this research has been conducted in the United States and South America.

Barry Sheerman, MP, is a British Labour and Co-operative politician who has served as the Member of Parliament (MP) for Huddersfield since 1979. He is Labour's longest continuously serving MP in the current parliament. He has previously served as the Chair of the House of Commons Education and Skills Select Committee between 2001 and 2010. He is a keen social enterpriser and has started over fifty social enterprises in his career. Sheerman is currently the chair of the Westminster Commission for Road Air Quality and the President of the Parliamentary Advisory Council for Transport Safety

Bhavna Singichetti is a doctoral candidate in the Department of Epidemiology and a Graduate Research Assistant in the Injury Prevention Research Center at the University of North Carolina (UNC) at Chapel Hill. She received an MPH in Epidemiology at The George Washington University. Before joining UNC-Chapel Hill, she worked as a Senior Research Associate at the Center for Injury Research and Policy at Nationwide Children's Hospital, where she earned the distinction Outstanding Research Associate in Clinical Research for 2017. Her research interests include transportation safety, traumatic brain injury/concussion, and pediatric injury.

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 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.

Catherine Taylor, Senior Economist, USDOT Volpe National Transportation Systems Center

Catherine Taylor has been a transportation economist at USDOT's Volpe Center for the last 13 years. Prior to federal service, she was a consultant at Charles River Associates and The Brattle Group. Her work at USDOT relates to many policy issues including freight economics, passenger rail demand, electric vehicles, equity, and safety.

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 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 15 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 twelve 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.