

TRANSPORTATION TRANSFORMED

ADVANCING ECO-FRIENDLY MOBILITY



8:45AM TO 5:00PM

THURSDAY, APRIL 7, 2016

NYIT, AUDITORIUM ON BROADWAY
1871 BROADWAY, NEW YORK, NY



University
Transportation
Research Center



NYSERDA

**Department of
Transportation**



**New York Institute
of Technology**

TODAY'S SCHEDULE 04/07

8:45 AM - 9:30 AM / **Registration/Continental Breakfast**

9:30 AM - 10:30 AM / **Welcome & Keynote Speakers**

Welcoming Remarks

Camille Kamga Ph.D.,
Director, UTRC

Mr. Jamil Ahmad, Deputy Director, United Nations, Environment Programme (UNEP):
Global Warming, Climate Change, COP21

Gabriel Pacyniak, Adjunct Professor, Mitigation Program Manager, Georgetown Climate Center:
Transportation and Climate Initiative

10:30 AM - 11:15 AM / **Session 1 – Technology for Eco-Mobility**

MODERATOR

Joseph Tario
Senior Project Manager
NYSERDA

Stanley Young Ph.D., National Renewable Energy Lab/ or
Vassilis Papayannoulis, Ph.D., Metropia: TRANSNET (*Traveler Response Architecture Using Novel Signaling for Network Efficiency in Transportation*)

Jamyn Edis Ph.D. Adjunct Professor at NYU & CEO /Co-founder @ Dash:
“DASH Smart Driving App”

Alain Kornhauser Ph.D., Princeton University: *Shared Autonomous Taxis for Eco-Mobility*

11:15 AM - 11:30 AM / **Break**

11:30 AM - 12:30 PM / **Session 2 – Academic Research**

MODERATOR

Elisabeth Lennon
NYS DOT

Angela Sanguinetti, Ph.D., Institute of Transportation Studies, U. California, Davis:
A Behavioral Review of Eco-driving

Kanok Boriboonsomsin, Ph.D., College of Engineering, Center for Environmental Research and Technology, UC Riverside: *Evaluating Real World Impacts of Eco-driving*

Rae Zimmerman, Ph.D., NYU Wagner Graduate School of Public Service:
Issues of Intermodal Connectivity and Eco-mobility

12:30 PM - 1:30 PM / **Lunch**

Walk to 16 West 61st St., 11th Floor Auditorium

1:30 PM - 2:00 PM / **Afternoon Keynote**

Administrator/Chairman **Raymond P. Martinez**, New Jersey Motor Vehicle Commission

2:00 PM - 2:45 PM / **Session 3 – Government Programs (City & State)**

MODERATOR

Frank Mongioi
ICF International

Brenda Dix, ICF International:

Metropolitan Transportation Commission/San Francisco Bay Area Sustainability Programs

Alex Keating, NYCDOT: *Drive Smart Program*

John Lyons, Metropool (or Brad Tito, former Sustainability Director, City of Yonkers) :

Eco-driving Training of Municipal Fleet Drivers

2:45 PM - 3:30 PM / **Session 4 – Goods Movement and Eco-Driving**

MODERATOR

Alison Conway, Ph.D.
The City College of
New York

Edward McCarthy, Vice President of Operations and Customer Success, Vnomics Corporation:

Driver Coaching and Fuel Optimization Solution

Brian Brundige, Operations/Safety Manager, Terpening Trucking Company

Kanok Borboonsomsin, Ph.D., UC Riverside: *Reducing the Carbon Footprint of Heavy Duty Trucks*

3:30 PM - 3:45 PM / **Break**

3:45PM - 4:35 PM / **Session 5 – Policy Session Panel**

Round-table with questions to policy makers

MODERATOR

Matthew Daus

Stacey Hodge, Director, Office of Freight Mobility, NYCDOT

Maureen Koetz, Koetz and Duncan LLC

Alec Slatky, AAA Northeast Government Affairs

4:35 PM - 4:55 PM / **Closing Remarks**

Honorable **Ydanis Rodriguez**: New York City Council Transportation Chair (Invited)

4:55 PM - 5:00 PM / **Closing**

KEYNOTE SPEAKERS



Mr. Jamil Ahmad

Deputy Director, United Nations Environment Programme

Mr. Jamil Ahmad was appointed to his current position in 2014 where, besides other matters, he leads coordination of UNEP's engagement in intergovernmental processes and negotiations on the environment and sustainable development.

Earlier, he was the Secretary for the Governing Bodies of UNEP, based in Nairobi, Kenya (2008-14). He directed, managed and coordinated the work of the Governing Bodies, led the organization of the sessions of the Governing Council (renamed United Nations Environment Assembly) and was the focal point of UNEP's external relations.

As an advocate of sustainability, he regularly engages with stakeholders, speaks to civil society groups, students and others about environment, climate change and sustainable development.

A career diplomat, Mr. Jamil Ahmad joined the Foreign Service of Pakistan in 1986 and has worked in a number of different duty stations with rich experience of bilateral and multilateral affairs, including Acting Permanent Representative to the UN agencies in Rome and Deputy Permanent Representative to UNEP in Nairobi. He participated in numerous important UN and other intergovernmental meetings, including the World Summit on Sustainable Development (WSSD) in 2002, sessions of the UNGA, the Commission of Sustainable Development (CSD) and the Governing Councils of UNEP, UN-HABITAT and FAO. He was lead negotiator of the Group of 77 & China for Climate Change under Pakistan's chairmanship in 2007 culminating at COP13 to UNFCCC in Bali in 2007.

He joined UNEP in 2008.

Mr. Jamil Ahmad holds a Master's Degree in Political Science.



Gabriel Pacyniak

Adjunct Professor, Mitigation Program Manager, Georgetown Climate Center:
Transportation and Climate Initiative

Gabriel Pacyniak is the climate change mitigation program manager at the Georgetown Climate Center and adjunct professor at Georgetown Law. He works closely with Deputy Director Kate Zyla to oversee the Climate Center's work on reducing emissions from the electricity and transportation sectors. This includes the Climate Center's work on federal carbon pollution regulations for the power sector, focused on supporting state engagement with, and implementation of, the federal standards through facilitation, convening, and analysis. It also includes the facilitation of the Transportation and Climate Initiative, a collaboration among 11 northeast and mid-Atlantic states and the District of Columbia to reduce GHG emissions from the transportation sector. Along with Executive Director Vicki Arroyo, he co-teaches a yearly practicum course on the law and policy of climate change that provides students an opportunity to work on real-world legal and policy issues.

KEYNOTE SPEAKERS



Raymond P. Martinez

Chairman and Chief Administrator, New Jersey Motor Vehicle Commission

Raymond P. Martinez was nominated by Governor Chris Christie on February 1, 2010 to become the Chairman and Chief Administrator of the New Jersey Motor Vehicle Commission (MVC). In this role, Mr. Martinez manages a state agency, which generates more than \$1 billion annually and is charged with the licensing of nearly six million drivers and the titling, registration and inspection of more than 4.9 million vehicles. He is also the Chairman of the MVC Board, a policy-making body made up of government and public members. In 2014, Governor Christie also appointed Mr. Martinez as an Executive Branch Member of the State Planning Commission. In this role, he represents state government in the oversight of environmental protection issues, land use, development and redevelopment.

Mr. Martinez came to the MVC with a wealth of motor vehicle experience, having served from 2000 to 2005 as Commissioner for the New York State Department of Motor Vehicles under Governor George Pataki. There he oversaw an organization that served more than 20 million customers.

In his capacity as Commissioner, Mr. Martinez also held the position of Chairman of the Governor's Traffic Safety Committee, administering federal funding for state and local highway safety projects. During his tenure as Commissioner, Martinez was a member of the American Association of Motor Vehicle Administrators (AAMVA) and served as President of its Region I Board and as a member of its International Board in 2005.

Prior to his nomination by Governor Christie, Mr. Martinez was most recently the Deputy U.S. Chief of Protocol and Diplomatic Affairs for the U.S. Department of State and the White House where he was responsible for managing five operational divisions: Diplomatic Affairs, Foreign Visits, Ceremonial Events, Blair House, and Administration.

Mr. Martinez served on numerous White House advance teams for domestic and international trips of Presidents Ronald Reagan, George H.W. Bush and George W. Bush. During the Reagan Administration, he was Deputy Director for Scheduling and Advance at the White House for First Lady Nancy Reagan and also served as a Special Assistant at the New York Regional Office of the United States Department of Housing and Urban Development.

Additionally, Mr. Martinez served as Assistant General Counsel for the Long Island Power Authority, one of the largest public utilities in the nation, and as Deputy Chief of Staff and Special Counsel to the New York State Attorney General.

Mr. Martinez received his BA from Long Island University/C.W. Post College in Brookville, New York and is a graduate of St. John's University School of Law. He resides in Monmouth County, New Jersey.

SPEAKERS



Kanok Boriboonsomsin

Associate Research Engineer, College of Engineering Center for Environmental Research and Technology University of California at Riverside

Dr. Kanok Boriboonsomsin is an Associate Research Engineer with the College of Engineering – Center for Environmental Research and Technology, University of California at Riverside. His recent research has been in the areas of eco-friendly transportation technologies, eco-driving simulation and evaluation, connected and automated vehicle applications, and advanced traffic operations. Dr. Boriboonsomsin currently serves on the Transportation and Air Quality Standing Committee of the TRB, and as an Associate Editor of the IEEE Intelligent Transportation Systems Magazine.



Brian Brundige

Operations/Safety Manager, Terpening Trucking Company

Brian Brundige is currently employed at Terpening Trucking Company, Inc., which provides fuel delivery in New York, Pennsylvania, and surrounding locations. Brian is the Operations/Safety Manager, a position he has held since 2014. In this capacity, he oversees the Safety Department of three safety professionals and manages 100+ driver's and a 76 truck fleet. Trained in emergency responding, spill response, and accident recreation, he works extensively with the Safety Department in refining and developing better safety systems. In addition, Brian has also been responsible for implementing an improved tracking system in partnership with Vnomics Corporation in mid-2011 and in March 2012, leading Terpening in implementing Vnomics's fully electronic E-Log and Truck Tracking systems. This position represents Brian's second stint with Terpening; the first was from July 1994- October 1995 when he was a fuel hauler.

Since his graduation from high school in Cazenovia, New York in 1982, Brian has held several positions in warehousing management and distribution and the trucking industries, in addition to his time at Terpening. Some of these included a Class A driving position with a local frozen food distributor and subsequently holding a warehouse management position for this same company; serving as a driver with Armadura Hess Corporation and later becoming involved with terminal and pipeline operations at TED Park in Warners, New York for both the Hess and Exxon/Mobil corporations.

Believing that everyone should volunteer as part of their everyday life, Brian has volunteered as a Boy Scout leader since 2011 for Troop 80 in Baldwinsville, NY.

He has five children ranging from ages 16 to 33 and five grandchildren. He is extremely proud of them all.



Moderator

Alison Conway

Assistant Professor of Civil Engineering, The City College of New York
Associate Director for New Initiatives, University Transportation Research Center

Alison Conway is an Assistant Professor of Civil Engineering at the City College of New York and the Associate Director for New Initiatives at the Region 2 University Transportation Research Center. She is also an associated faculty member of METROFREIGHT, a Volvo Research and Education Foundation Center of Excellence in Urban Freight. At CCNY, Dr. Conway teaches courses in transportation engineering and planning and conducts research primarily in the areas of commercial freight policy and logistics, sustainable freight transportation, and multi-modal interactions in the urban environment. She currently chairs the TRB Young Members Council and the ASCE Transportation and Development Institute's Freight and Logistics Committee, and is a member of TRB's Freight Data, Truck Size and Weight, and Urban Freight Committees. Dr. Conway holds Ph. D. and Master's degrees in Civil Engineering from The University of Texas at Austin, and a Bachelor's of Civil Engineering from the University of Delaware.



Moderator

Matthew Daus, Esq.

Distinguished Lecturer, UTRC, CUNY

Matthew W. Daus, Esq. currently serves as a Distinguished Lecturer at the City University of New York's (CUNY) Transportation Research Center of The City College of New York. Professor Daus conducts research and is extensively published as an expert on ground transportation regulation and technology. He teaches

SPEAKERS

courses on transportation history, policy, sustainability, for-hire regulation and technology. Mr. Daus also continues to serve as President of the International Association of Transportation Regulators (IATR), a non-profit educational and advocacy peer group of government transportation regulators from around the world promoting best regulatory practices. Mr. Daus is the longest serving Chairman of the New York City Taxi and Limousine Commission (TLC), serving for 8 ½ years. Prior to his tenure as Commissioner, Mr. Daus served in executive positions in NYC government for almost 16 years at several agencies including as General Counsel to the TLC and the NYC Community Development Agency, as Special Counsel to the TLC and NYC Trade Waste Commission, and as a NYC Human Rights Prosecutor. Mr. Daus is a partner and currently chairs the Transportation Practice Group at Windels Marx Lane & Mittendorf, LLP.



Brenda Dix

Senior Associate, Climate Change and Sustainability, ICF International

Brenda Dix is a Senior Associate at ICF International with over seven years of experience in transportation planning, policy development, and environmental analysis, covering air quality and climate change issues, in particular. Brenda currently focuses on climate change adaptation planning for transportation agencies including identifying climate sensitive decisions, conducting benefit-cost analyses to develop a financial case for adaptation, and developing innovative methods for integrating climate change into planning, asset management, engineering design, and operations. Prior to joining ICF, Brenda worked as a transportation planner at the Metropolitan Transportation Commission (MTC), the MPO for the San Francisco Bay Area. She has been able to continue her work with them at ICF where she manages their Smart Driving educational campaign and in-vehicle device promotion program, as well as the evaluation of several of their sustainability programs. Brenda has Master's and Bachelor's degrees in Civil and Environmental Engineering from the University of California at Berkeley.



Jamyn Edis

Founder and CEO, Dash

Jamyn Edis is the founder and CEO of Dash, a connected car platform (www.dashmobile.co).

Jamyn is also a mentor and investor in Techstars, the world's premier technology accelerator, as well as being a participant in the New York 2013 program.

He has over 20 years of experience in strategy, product development, partnerships, finance and marketing, primarily in the technology, media and telecoms industries.

As a VP at HBO, he led the Emerging Technology R&D Group. He also worked in the London and New York offices at Accenture's strategy consulting practice, which has an industry focus on technology, media and telecoms; his clients include Sprint, BT, Fox Interactive, MySpace, Rogers, Global Telematics, Trader.com, Sony PlayStation, World Rally Championships, Warner Music, EMI.

He is currently a Professor in New Media and Entrepreneur-in-Residence at NYU Stern School of Business. He holds an MBA from Harvard Business School and a BA/MA from Cambridge University.



Stacey Hodge

Director, Office of the Freight Mobility, New York City Department of Transportation

Ms. Hodge is the Director of the Office of Freight Mobility for the New York City Department (NYCDOT) of Transportation where she manages a multi-million dollar freight program with responsibility for managing the City truck routes, truck delivery programs and traffic rules and regulations governing truck movement. Ms. Hodge has over 20 years of transportation design and planning experience in the public and private sector.

Ms. Hodge coordinates with City, State and Federal agencies on transportation projects and policy. NYCDOT is a core city partner of the VREF Center of Excellence (CoE) for Sustainable Urban Freight Systems and Ms. Hodge serves as the point of contact at NYCDOT for the CoE.

In May 2013, Ms. Hodge was appointed by the United States Department of Transportation (USDOT) Secretary to serve on the National Freight Advisory Committee (NFAC). Ms. Hodge is a member of the Transportation Research Board's Urban Freight Transportation Committee. Ms. Hodge has B.S.C.E. from Florida Institute of Technology and an M.S.C.E. from Purdue University.

SPEAKERS



Welcoming Remarks

Camille Kamga

Director, UTRC

Dr. Camille Kamga is Director for the University Transportation Research Center, and an Assistant Professor of Civil Engineering at The City College of New York. The Region 2 University Transportation Research Center is one of ten original National Centers, established in 1987, in recognition that transportation plays a key role in the nation's economy and in the quality of people's lives. He serves as member of the Board of Directors of the Intelligent Transportation Society of NY – a professional group providing education and outreach to foster the understanding of ITS applications and technologies. He is also a member of the Education and Research Committee of the International Association of Transportation Regulators and a member of the Research and Outreach Committees of the Maritime Academic Council. He holds a Ph.D. in Civil Engineering from the Graduate Center of the City University of New York, specializing in Intelligent Transportation Systems (ITS). He is the 2006 recipient of the National Pikarsky Award for Outstanding Dissertation in Science and Technology from the Council of University Transportation Centers.



Alexander Keating

Senior Project Manager, Community Initiatives, New York City Department of Transportation

Alexander Keating is Director of the Special Projects Unit at New York City Department of Transportation, where he oversees a variety of technology demonstration projects, policy research, and planning initiatives. His current work includes the Drive Smart pilot program, which leverages data drawn from a vehicle's on-board diagnostic port (OBD-II) in order to help drivers save money, save time, and drive more safely. Prior to joining NYCDOT, he worked as Project Manager for Global Initiatives at the Penn Institute for Urban Research, where his work focused on city-to-city knowledge transfer and sustainable urban development. He received his Master's in City Planning from MIT's Department of Urban Studies and Planning (DUSP) in 2010 and his Master's in Politics from the University of Edinburgh (2007).



Maureen T. Koetz

Principal Partner, Koetz and Duncan LLC

Maureen T. Koetz is the Principal Partner in Koetz and Duncan LLC, a small, woman-owned consultancy to public and private enterprise on sustainability risk and value management. Applying operational analytics first developed for national security planning, Koetz and Duncan is an industry leader in quantification-based sustainability profiling using Natural Capital Asset Management™ to assess current and future enterprise capability. Clients and partners include Federal and municipal agencies, private equity, and international engineering firms.

Prior to forming Koetz and Duncan, Ms. Koetz served as a Presidential appointee and senior executive in the United States Air Force. In her capacity as Acting Assistant Secretary and Principal Deputy Assistant Secretary for Installations, Environment, and Logistics, she managed a 10-million acre/\$250 billion asset portfolio in support of sustainable operations for the largest energy consumer in the federal government and one of the largest transport systems in the world. Serving in diverse capacities that included Natural Resource Trustee and Historic Preservation Officer, she oversaw ongoing base closures and disposition, streamlined department procedures, and reduced program spending while also developing the first Defense Department programs to sustain adequate natural capital capacity in response to increasing operational encroachment.

Ms. Koetz has also held positions as Counsel for the Senate Energy and Natural Resources Committee and Counsel to U.S. Senator Pete Domenici. As a Director for the Nuclear Energy Institute, she developed the first analytic models for "Emissions Avoidance," the results of which have remained a key operational and policy element supporting continued global nuclear expansion. She has represented the nuclear industry at the Kyoto Climate Change Conference and the United Nations Conference on Sustainable Development.

Ms. Koetz has been an Adjunct Professor of Environmental Finance at NYU-Poly, is a veteran of active duty service with the U.S. Navy, and has written on several areas related to sustainability. She holds a Juris Doctor from the Washington College of Law at American University, a Bachelor of Arts degree from the American University, and is a member of the Bar of the State of New York.

SPEAKERS



Moderator

Elisabeth Lennon

Sustainability Coordinator, New York State Department of Transportation

Elisabeth Lennon has 20 years of experience with the NYS Department of Transportation including environmental analysis work for construction, engineering and operations. She now serves as NYSDOT's Planning section lead on climate change issues and project manager for NYSDOT's Statewide Flooding Vulnerability Assessment. In her role, Ms. Lennon pursues multiple avenues and pathways to integrate climate change considerations into all levels of

NYSDOT's decision-making. She serves as leader for NYSDOT's cross-divisional adaptation workgroup and as NYSDOT's lead project liaison for FHWA's Hurricane Sandy Follow-Up Vulnerability Assessment and Adaptation Analysis Pilot. Ms. Lennon has represented NYSDOT for numerous efforts including the NYS Climate Action Council and the NYS Interagency Adaptation Work Group.



John Lyons

President/CEO at MetroPool, Inc.

John Lyons has served as President and CEO of MetroPool, Inc. since 2001. Mr. Lyons provides leadership and management direction, while carrying out MetroPool's mission, objectives and strategic plans. As an innovator, collaborator and recognized expert in the Transportation Demand Management industry, he piloted many novel approaches and new TDM services. Lyons has extensive experience across the downstate area of New York as well as in 'Upstate' and in CT.

Mr. Lyons joined MetroPool in 1999 with extensive project management experience implementing publically funded programs in cooperation with the private sector aimed at changing behavior. Before MetroPool, Lyons worked for eight years assisting newly privatized businesses in the emerging market economies of Eastern Europe and Russia. Prior to working overseas, Lyons was a pioneer in promoting energy conserving building technologies focusing on solar energy and energy conservation through his business Sunspace Design.



Edward McCarthy

Vice President of Operations and Customer Success

Ed is a founding member of the Vnomics team, having joined from the Center for Integrated Manufacturing Studies at Rochester Institute of Technology (RIT) where the company was founded in 2008. Ed has over 10 years of experience with their fleet management technology starting as a Senior Program Manager responsible for developing and directing strategic initiatives for the Department of Defense research partnership that developed the Vnomics unique real-time onboard analytics engine. Ed subsequently introduced this technology to the military by co-leading a joint private/public effort to install it on both wheeled and tracked vehicles across the United States Marine Corps. After

joining Vnomics as first Vice President of Engineering, he transitioned the technology from the university as he led all product development, engineering, customer support, and fielding activities for initial telematics offerings, fielding over 14 thousand systems in a little over four years. In this new role focused on customer success, Ed is responsible for the ensuring that all of Vnomics's customers, from installation to renewal, have a positive deployment of the Vnomics telematics, professional support from customer engagement team, and derive maximum value from their products to meet their business objectives.

Ed brings a unique background of leadership, technical acumen, problem solving, and credible communication to his role in Vnomics having previously served as a military officer with more than 20 years of active duty in heavy equipment combat units with the United States Marine Corps. As such Ed has held positions of increasing leadership responsibilities including introducing many new technologies to armor and logistics units he commanded both in the United States and overseas. His experience also includes being appointed Inspector Instructor with 8th Tank Battalion where he was instrumental in the training, equipping, and deployment of more than 800 hundred Marines for combat in Iraq.

Ed holds a Master of Science in Electrical Engineering from the Naval Postgraduate School with distinction, an MBA from the Simon Graduate School of Business, where he was recognized as a top graduate with nomination for membership in Beta Gamma Sigma, and a BS with Merit in Mathematics as an Arleigh Burke Scholar from the United States Naval Academy.

SPEAKERS



Moderator

Frank T. Mongioi, Jr.
Senior Manager, ICF International

Mr. Frank T. Mongioi, Jr. is a Senior Manager at ICF International and has more than 19 years of experience in Transportation Demand Management (TDM). He is currently the Immediate Past President of the Mid Atlantic Chapter of ACT, a director for the National Association for Commuter Transportation and a member of the Transportation Research Board's Committee on TDM. Prior to ICF International, he worked for Meadowlink, a progressive non-profit Transportation Management Association (TMA), managing a six county TDM program for the New Jersey Department of Transportation and NJ Transit. He is currently the Main Project Account Manager for the Integrated Regional and Statewide Travel Demand Management (TDM) Program Delivering Support of an Active and Transportation Demand Management (ATDM) program, a new contract with the New York State Department of Transportation (NYSDOT). Mr. Mongioi provides leadership to the entire contract team, including the Regional Project Account Managers, the core program staff, and the specialized technical experts. He is experienced in implementing TDM programs and successfully partnering with stakeholders to implement behavior-changing programs. He has supported NYSDOT for more than 9 years through 511NY Rideshare, Clean Air NY, 511NY, and the Statewide Strategic TDM Policy Framework. He has also served as a Senior TDM Advisor on the Atlanta Regional Commission's long range regional TDM plan and he currently serves as a Senior TDM Advisor for SANDAG's on-call TDM contract.

Mr. Mongioi has a B.S. in Management and Marketing, and an M.B.A. from Montclair State University in New Jersey. He is married with two children, Thomas (12) and Katie (9). Frank enjoys traveling with his family and in his spare time plays guitar with his son on the drums.



Vassilis Papayannoulis, Ph.D.
Metropia, Inc.

Dr. Papayannoulis leads Metropia's Urban Analytics Group (UAG) which leverages Metropia's Synergy patented technology and unique qualifications in advanced and emerging transportation areas to provide clients with creative and cutting-edge solutions. Dr. Papayannoulis' in-depth technical knowledge of transportation system operations has engaged him in pioneering projects at the local, regional, and national level. He has authored or co-authored a number of papers, participated in Peer Review Panels and served as the Project Manager or Principal-in-Charge for numerous multi-modal corridor, large-scale complex transportation network and advanced technical studies. In addition, Dr. Papayannoulis has taught transportation graduate courses as an Adjunct Professor and as an Instructor for an on-line course on Multi-Resolution Models sponsored by the NYU School of Engineering and Scientific American.



Angela Sanguinetti, Ph.D., BCBA
Behavioral Scientist, Consumer Energy Interfaces Lab Plug-in Hybrid & Electric Vehicle Research Center, University of California, Davis

Dr. Sanguinetti is a Board Certified Behavior Analyst and environmental psychologist. She is a postdoctoral researcher at University of California, Davis, where she directs Consumer Energy Interfaces (cenergi.ucdavis.edu), a lab investigating all forms of eco-feedback, including eco-driving feedback, from an interdisciplinary perspective that bridges design, technology, and behavior science in theoretical and applied research.



Alec Slatky
Legislative and Community Relations Representative, AAA Northeast

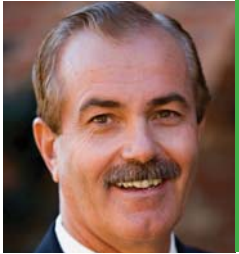
Alec Slatky is a Legislative and Community Relations Representative at AAA Northeast. He is responsible for AAA's advocacy efforts in Albany, New York City, and across the Empire State. In this capacity, Alec focuses on traffic safety issues, particularly automated enforcement, occupant protection, and distracted driving, as well as infrastructure issues such as Port Authority reform. Alec is AAA Northeast's resident data geek, and has prepared reports on topics ranging from red light cameras across the state to parking summonses in New York City.

Alec assists AAA members with questions or concerns related to the intersection of government and transportation, from moving violations to

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unsafe road conditions to intricacies of the state's Vehicle and Traffic Law. Alec also aids AAA Northeast's public relations efforts and has been quoted by media outlets across the state, from Newsday on Long Island to WBFO in Buffalo.

Alec splits his time between his residence on Long Island and his girlfriend's apartment in the Washington Heights neighborhood of Manhattan. Alec is a graduate of Princeton University with a degree in Politics.



Moderator

Joseph D. Tario, P.E.,

Senior Project Manager, New York State Energy Research and Development Authority

Joseph D. Tario is a Senior Project Manager with the New York State Energy Research and Development Authority (NYSERDA). Working in their Transportation Research Department, he primarily manages projects focused on transportation demand management and advanced transportation infrastructure.

In addition to his duties at NYSERDA, Mr. Tario also manages a collaborative research program with the New York State Department of Transportation and is a past president and a current director of the Intelligent Transportation Society of New York.

A graduate of Rensselaer Polytechnic Institute in Troy NY, he holds an M.E. in environmental engineering, a B.S. in civil engineering, and is a licensed professional engineer in the state of New York.



Stanley E. Young, Ph.D.

National Renewable Energy Lab (NREL)

Since May of 2015, Dr. Young has pursued research initiatives at the National Renewable Energy Laboratory in Golden, Colorado focused on connected and automated vehicle technology, and its impact on the nation's future energy budget and greenhouse gas emissions. From 2006 through 2015, he was on staff at the University of Maryland's Center for Advanced Transportation Technology and involved with the I-95 Vehicle Probe Project (VPP), arterial performance assessment, and Bluetooth re-identification traffic monitoring. In 2009 he co-founded Traffax Inc., a university start-up to accelerate the commercialization of Bluetooth re-identification technology. Prior to the University of Maryland, he

worked at the Kansas Department of Transportation in various capacities. He is an alumnus of Kansas State University, and served in the United States Peace Corps in Cameroon, West Africa.



Rae Zimmerman

Professor of Planning and Public Administration

Director, Institute for Civil Infrastructure Systems (www.nyu.edu/icis)

NYU Wagner Graduate School of Public Service

Rae Zimmerman is Professor of Planning and Public Administration and Director of the Institute for Civil Infrastructure Systems at NYU's Wagner Graduate School of Public Service. She is an elected Fellow of the American Association for the Advancement of Science (AAAS), a Fellow past president of the Society for Risk Analysis, and currently holds appointments to the third NYC Panel on Climate Change, the National Academies Committee on Pathways to Urban Sustainability, and the Transportation Research Board Critical Transportation Infrastructure Protection committee. Her teaching and research are at the intersection of infrastructure, climate change and the environment, natural hazards, social equity, and security in the context of the quality of life in cities and the use of urban infrastructure innovations to adapt to extreme conditions. In addition to authoring or co-authoring numerous journal articles and book chapters in these fields, she is the author of the book, *Transport, the Environment and Security: Making the Connection*. She has participated in about four dozen grants, as Principal Investigator on about three dozen of these. She recently completed National Science Foundation funded research on electric power and transit recovery following Hurricane Sandy, and also completed a U.S. Department of Transportation Region 2 University Transportation Research Center funded project on multi-modal transportation use in emergencies and its relationship to poverty in New York City. She has a B.A. in Chemistry from the University of California (Berkeley), a Master of City Planning from the University of Pennsylvania, and a Ph.D. in planning from Columbia University. URL: <http://wagner.nyu.edu/zimmerman>



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**Department of
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