

MARINE BOARD Fall MEETING 2022

SPEAKER BIOS

TUESDAY, NOVEMBER 1, 2022
KEYNOTE ADDRESS

DR. CARLOS MARTÍN, DAVID M. RUBENSTEIN FELLOW, THE BROOKINGS INSTITUTE



Trained as an architect, construction engineer, and historian of technology, Dr. Martín connects the bricks and mortar of housing to social and economic outcomes of occupants, especially at the intersections of environmental and construction quality in housing with racial equity and income disparity.

For over 20 years, he has led evaluation, research, and policy analysis for federal, state, and civil-sector entities in the fields of energy efficiency, housing construction and design, climate mitigation and adaptation, disaster management, and energy and environmental justice. Recent publications include: *Public Funding of Coastal Adaptation: A Review of US Public Sources—and the Case for More*; *Understanding the Pace of HUD's Disaster Housing Recovery Efforts*; *Understanding US Housing Data in Relation to the 2017 Disasters*; *Housing Recovery on the Gulf Coast*; *Climate Change Mitigation & Adaptation through Publicly Assisted Housing*, *The Silence Before the Storm: Advocacy Groups' Current Perceptions of Future Climate Vulnerability*; *Insult to Injury: Natural Disasters and*

Residents' Financial Health; and *Institutionalizing Urban Resilience*.

Currently, Dr. Martín is a David M. Rubenstein Fellow at Brookings Metro and is the Director of the Remodeling Futures Program at Harvard University's Joint Center for Housing Studies. Dr. Martín previously led the Urban Institute's Built Environment practice area, leading all research on energy efficiency, climate adaptation, environmental governance, the housing industry, and construction regulations. Before Urban, Dr. Martín was assistant staff vice president for construction codes and standards at the National Association of Home Builders, SRP professor for energy and the environment at Arizona State University, and coordinator for the US Department of Housing and Urban Development's Partnership for Advancing Technology in Housing.

Carlos received his BSAD in architecture from the Massachusetts Institute of Technology and his MEng and PhD degrees in civil and environmental engineering from Stanford University.

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SPOTLIGHT SPEAKER

Ms. GINA MARTINEZ, PRESIDENT, WILMINGTON NEIGHBORHOOD COUNCIL



I am a life-long resident of Wilmington, whose family has resided in Wilmington for over 100 years. Growing up in Wilmington was a wonderful experience for me. I grew up with a deep sense of community pride and closeness that is typically found in a small town with all the advantages of being part of the City of Los Angeles. . In 2018, I felt compelled to get involved with my community as I had witnessed and was living with the deep erosion in the quality of life, identity, and history of my community.

In 2019, I was elected by the stakeholders of Wilmington to the Wilmington Neighborhood Council and currently serve as its Chair. I also sit on the Executive Board of the Wilmington Historical Society dedicated to preserving and sharing the unique history that Wilmington has played in the evolution of Los Angeles and California.

PANEL ONE

MR. WILLIAM PAAPE, ASSOCIATE ADMINISTRATOR FOR PORTS & WATERWAYS, MARITIME ADMINISTRATION (MARAD)



William (Bill) Paape, a member of the Senior Executive Service, became the Associate Administrator for Ports & Waterways on June 7, 2020. In this capacity, Mr. Paape directs a national port infrastructure modernization program in excess of \$2 billion. Discretionary grant port programs and other programs managed by Mr. Paape include: Rebuilding American Infrastructure with Sustainability and Equity (RAISE) (formerly BUILD), Infrastructure for Rebuilding America (INFRA), Port Infrastructure Development, America's Marine Highways, Deepwater Port Licensing, and Port Conveyance.

Previously, Mr. Paape served as the Deputy Associate Administrator for the Office of Ports & Waterways and the Director for the Office of Maritime & Intermodal Outreach. In this role, he managed the Agency's 10 regional Gateway Offices and was responsible for supporting MARAD's mission to improve and strengthen the US marine transportation system to meet the economic and security needs of the Nation. Prior to this he was the Inland Waterways Gateway Director for MARAD.

A native of Madison Wisconsin, Mr. Paape brings a diverse strategic surface transportation, intermodal logistics, and terminal operations background to the U.S. Department of Transportation's Maritime Administration. A career U.S. Army Reserve Officer, he has had several assignments in support of the Military Surface Deployment and Distribution Command, the US Army component of the US Transportation Command. Mr. Paape retired as a Colonel from the Army Reserve in 2012.

Mr. Paape has a bachelor's degree in Cultural Anthropology from the University of Wisconsin, Stevens Point, a master's degree in International Relations from Troy State University, a master's degree in Procurement and Acquisitions Management from Webster University, and a master's degree in Strategic Studies from the US Army War College.

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MS. GERILEE BENNETT, DEPUTY DIRECTOR, HAZARD MITIGATION ASSISTANCE, FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA)



She managed the Hazard Mitigation Grant Program for the Federal Insurance and Mitigation Administration, and was responsible for leading the development and implementation of the National Disaster Recovery Framework, published September 2011. She has supported an array of disaster assistance operations from headquarters and field offices, including the COVID-19 pandemic, 2017 hurricanes, 2016 Louisiana Flooding and Hurricane Matthew, Hurricanes Isaac and Sandy in 2012, the 2010 Gulf Coast oil spill, the 2004 and 2005 Hurricanes, and the 2001 World Trade Center attacks. Ms. Bennett completed a Bachelor of Arts in Political Science and German at the University of Idaho. She later earned a Master of Arts in Security Studies at the Naval Postgraduate School Center for Homeland Defense and Security.

MS. CAITLIN HUGHES, DIRECTOR OF THE OFFICE OF FREIGHT MANAGEMENT AND OPERATIONS, FEDERAL HIGHWAY ADMINISTRATION



Caitlin Hughes serves as the Director of the Office of Freight Management and Operations for the Federal Highway Administration (FHWA) at the U.S. Department of Transportation. In this role, she directs FHWA's work on federal freight programs and input to freight policy, including the implementation of certain freight initiatives from the Fixing America's Surface Transportation (FAST) Act. These activities include management of the formula-based National Highway Freight Program and FHWA administration of discretionary grant programs including the Nationally Significant Freight and Highway Projects program (also known as "INFRA") and the BUILD program.

Ms. Hughes also directs the mapping of highway components of freight networks; input to the National Freight Strategic Plan; leadership on national truck parking initiatives; oversight of truck size and weight regulatory compliance; development and application of freight data and tools; and continued delivery of training, outreach, and technical assistance on state freight planning, state freight advisory committees, and performance measurement.

Previously, she served as the Assistant Secretary for Transportation Policy and Freight at the Maryland Department of Transportation and as the Federal Legislative Programs Coordinator for the North Carolina Department of Transportation. Her freight focus included work with the Port of Baltimore and North Carolina State Ports Authority; with Amtrak, Class I and short line railroads; and with the trucking industry on infrastructure and operational improvements; as well as on freight planning and the pursuit of state and federal funding.

Ms. Hughes is a graduate of the University of Vermont and received her Master of Public Administration degree from The George Washington University. She is also a former Presidential Management Intern, having completed a fellowship in the Office of the Secretary at US DOT in the 1990's.

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MR. PAUL SCHOLZ, DEPUTY ASSISTANT ADMINISTRATOR, NATIONAL OCEAN SERVICE, NOAA



Paul M. Scholz is Deputy Assistant Administrator for the National Oceanic and Atmospheric Administration's (NOAA's) National Ocean Service (NOS). As the Deputy Assistant Administrator for Ocean Services and Coastal Zone Management at NOAA, Mr. Scholz oversees the financial, administrative, and performance activities across NOS to address the evolving economic, environmental, and social pressures on our ocean, coasts, and coastal communities. His portfolio focuses on NOS's conservation and stewardship mission, with particular emphasis on coastal resilience, coastal zone management, coastal ocean science, marine sanctuaries, estuarine research reserves, response and restoration, and related activities.

Mr. Scholz has over 25 years of experience at NOAA. He previously served as the Chief Financial Officer/Chief Administrative Officer, where he provided executive direction, oversight, and guidance for NOS operations and for financial, human resources, and administrative activities to support and manage a staff of over 2,200 federal and contract employees and over \$620 million in federal financial resources.

He also served as the deputy director in NOS's Office for Coastal Management, providing leadership and support for all new office integration efforts since the office's inception in 2014. Mr. Scholz served for 17 years in the NOAA Coastal Services Center, including seven years as the Management and Budget Division director and 11 years as director of the Coastal Management Services Division.

Mr. Scholz has had a number of detail assignments, including serving as director for the National Weather Service's Climate Services Division, where he led the implementation of their Climate Services Program. He has also served as Deputy for NOS's Office of Response and Restoration, in the Office of Oceanic and Atmospheric Research's Climate Program Office, and at the Federal Emergency Management Agency, where he conducted an executive evaluation of the Flood Map Modernization program.

Mr. Scholz holds a master's degree in marine science from the University of South Carolina and a bachelor's degree in wildlife management from Southern Illinois University. Prior to joining NOAA, Mr. Scholz was a Knauss Fellow in Marine Policy, director of International Coastal Programs for the University of South Carolina, and began his public service career as a Peace Corps aquaculture volunteer in Ecuador.

PANEL 2

SHARMILA MURTHY, ESQ., SENIOR COUNCIL, WHITE HOUSE COUNCIL ON ENVIRONMENTAL QUALITY



Sharmila L. Murthy is Professor and Director of Faculty Scholarship and Research at Suffolk University Law School. She is currently on leave serving in the Biden administration as Senior Counsel in the White House Council on Environmental Quality.

Sharmila is an award-winning scholar, teacher, mentor, and leader. In recognition of her scholarship on access to drinking water and sanitation and on climate change,

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Sharmila was named the 2021 Haub Environmental Law Distinguished Junior Scholar by the Elisabeth Haub School of Law at Pace University. In 2020, Sharmila received two teaching awards: the Suffolk University Faculty Award for Outstanding Teaching, as well as the Innovative Teaching Award from the Center for Teaching and Scholarly Excellence at Suffolk University.

Sharmila has also received awards for student mentorship. In 2021, she received the American Constitution Society's Faculty Advisor of the Year. She also earned the 2021 Appreciation Award from the Suffolk Black Law Students Association and the 2017 Woman of the Year: Faculty Division from the Women of Color Law Student Association.

In 2019, she served as Chair of the Environmental Law Section of the American Association of Law Schools, which received the Section of the Year Award under her direction. In 2018, she was also Chair of the AALS Human Rights Section.

Previously, Sharmila co-founded the Human Rights to Water and Sanitation Program as a Fellow at Harvard Kennedy School's Carr Center for Human Rights Policy Visiting Scholar, and was also a Visiting Scholar with the HKS Sustainability Science Program. In 2014, Sharmila was selected as a finalist for the United Nations Special Rapporteur on the human right to safe drinking water and sanitation.

Sharmila began her legal career as a public interest poverty lawyer. She was awarded a Skadden Fellowship to work with the Legal Aid Society of Middle Tennessee & the Cumberlands. She received the New Advocate of the Year award from the TN Alliance of Legal Services. Sharmila was also an associate with Lieff Cabraser Heimann & Bernstein. She previously served on the boards of several non-profit groups.

Sharmila received her JD from Harvard Law School, her MPA from Harvard Kennedy School of Government, and her BS in Natural Resources from Cornell University. She clerked on the U.S. Court of Appeals for the Sixth Circuit and was a U.S. Fulbright Scholar in India.

SAM WAITT, TECHNOLOGY POLICY ANALYST, EQUITY COMMUNITY OF PRACTICE, U.S. DOT VOLPE CENTER



Sam Waitt is a technology policy analyst in the Innovative Research Division at the U.S. DOT Volpe Center. He currently supports FHWA's Exploratory Advanced Research Program, which funds longer-term, higher-risk research projects that could lead to transformational changes and truly revolutionary advances in highway engineering and intermodal surface transportation in the United States. Additionally, he supports the FHWA Transportation Systems Management and Operations (TSMO) program, among other U.S. DOT initiatives.

Prior to joining Volpe, Waitt was an infrastructure policy analyst intern with FRA at U.S. DOT headquarters in Washington, D.C. At FRA, he assisted in evaluating Infrastructure for Rebuilding America proposals and supported research determining the economic impacts of "Quiet Zones." He has a MA in Political Science from Ball State University, which focused on public policy, and he received his BA in Education from Purdue University.

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SARAH FROMAN, POLICY ADVISOR, OFFICE OF TRANSPORTATION AND AIR QUALITY, ENVIRONMENTAL PROTECTION AGENCY (EPA)



Sarah has led several voluntary and regulatory initiatives to advance the measurement and mitigation of mobile source emissions since joining U.S. EPA's Office of Transportation and Air Quality in 2005. She is currently the team lead for EPA's Ports Initiative, a collaborative effort with port stakeholders to advance next-generation, clean technologies and practices that can improve air quality and increase economic prosperity. She has a Bachelor of Arts from Tufts University and a Master of Public Affairs from the Woodrow Wilson School at Princeton University.

SPOTLIGHT SPEAKERS

BRIDGETTE MURRAY, FOUNDER & EXECUTIVE DIRECTOR, ACHIEVING COMMUNITY TASKS SUCESSFULLY (ACTS)



Bridgette Murray is the founder and Executive Director of the non-profit community-based organization Achieving Community Tasks Successfully (ACTS). She is a resident of the Pleasantville community. She currently serves as the President of the Pleasantville Area Super Neighborhood Council #57. ACTS seeks to engage, educate, and empower community residents in the areas of social and environmental justice. She holds a BS in Nursing from Baylor University and an MBA from the University of Houston. She retired from M.D. Anderson Cancer Center.

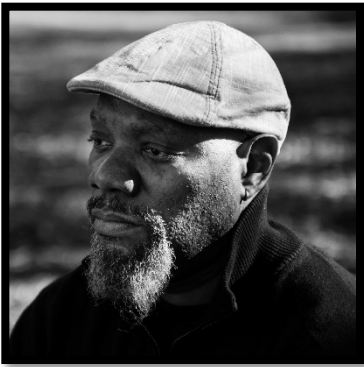
ACTS established the first Texas community-led air monitoring network in 2019, hosting seven low-cost air sensors. This work has led to the Texas Commission on Environmental Quality and EPA to place a federal regulated monitor in the community. Our work is supported through the application of citizen science. We use data to support change.

Ms. Murray's affiliations and appointments include: Member, Port Commission Citizens Advisory Council, Senior Fellow ALF, President, Judson Robinson Sr. Friends of the Park, President, Pleasantville Area Super Neighborhood Council #57, HBCU-CBO Gulf Coast Equity Consortium, Founder/Executive Director ACTS, Member, Healthy Port Communities Coalition, Environmental Defense Fund, Data to Action Community, Member, Deep South Center for Environmental Justice Community Advisory Council.

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MYCHAL JOHNSON, FOUNDING MEMBER AND EXECUTIVE BOARD MEMBER, SOUTH BRONX UNITE



Mychal Johnson is a community-based advocate for environmental justice in the South Bronx. He is a co-founder of South Bronx Unite and a member of the Board of Directors of the Mott Haven-Port Morris Community Land Stewards. He serves on the Board of Directors of the NYC Community Land Initiative (NYCCLI), New York City's Waterfront Advisory Board, the Bronx Council for Environmental Quality, and the Community Engagement Core of Columbia University's NIEHS Center for Environmental Health. Mychal was also appointed as a civil society voting member of the New York State Department of Environmental Conservation Open Space Committee. He advocates for Environmental, Social, and Racial Justice, greater access to green space, and truly affordable housing to ensure quality-of-life-enhancing efforts without gentrification in the South Bronx and all EJ communities.

PANEL THREE

JASON SCHERR, MANAGER, ENVIRONMENTAL SUSTAINABILITY, PRINCE RUPERT PORT AUTHORITY



Jason Scherr is responsible for the development and implementation of the Environmental Sustainability Plan for the Prince Rupert Port Authority. He has worked for twenty years in the field of fisheries and environmental monitoring. Jason is the lead for the Green Marine Program and fronts the collaborative efforts around the environment at the Port of Prince Rupert through the Port Environmental Stewardship Committee. He has developed strong partnerships throughout the marine shipping industry. He is an alumnus of the University of Victoria (with a degree in Geography, History and English) and served two years as the President of the Prince Rupert and at the District Chamber of Commerce.

JULIE LORENZ, SECRETARY OF TRANSPORTATION, KANSAS DEPARTMENT OF TRANSPORTATION



Julie Lorenz was appointed by Gov. Laura Kelly in January 2019 to lead the Kansas Department of Transportation. With more than 25 years of experience, she is recognized as a national leader in the areas of policy development, collaboration and scenario planning.

Previously, Lorenz directed national engineering firms' strategic consulting and public engagement services for transportation projects at the local, regional and national levels. She was recently elected president of the Mid America Association of State Transportation Officials (MAASTO) – a collaboration of transportation leaders representing 10 Midwest states to advance highway, transit and related issues important to the region. Lorenz also serves on the Executive Committee of the Transportation Research Board and is chairing the Council on Aviation for the American Association of State Highway and Transportation Officials.

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Lorenz is a graduate of the University of Kansas, where she earned a Master of Arts degree in Organizational Psychology and Drury University, where she earned Bachelor of Science degrees in Psychology and Business Administration.

Her role of secretary is her second tour of duty for KDOT, as she served as the Director of Public Affairs from 2003 to 2011.

DR. HILDE MEERSMAN, , PROFESSOR OF TRANSPORT MODELING AND ECONOMICS, UNIVERSITY OF ANTWERP



Dr. Hilde Meersman studied Quantitative Economics at the University of Antwerp receiving a PhD from the University of Antwerp in 1987. Now a full professor at the University of Antwerp, Dr. Meersman instructs in the fields of Econometrics, Transport Modelling, and Economics. She also teaches at the Technical University of Delft, delivers guest lectures at a number of European universities, and was co-founder of the Centre for Maritime & Air Transport Management (C-MAT) in Antwerp.

Dr. Meersman was the coordinator of the policy research centre of the Flemish Government on Freight Transport. She is also involved in TransportNET, a network of leading university groups in transport research and high-level education. She is a member of the Belgian Economic Council which gives advice on the national economic policy. She has also been chairing the International Scientific Committee of the World Conference on Transport Research Society.

Her research activities are focused at the intersection of transportation economics, policy, international trade, and transport modelling and forecasting, enabling her to link the evolution in the world economy to specific freight transportation problems, and to understand the interaction between the modes with respect to international trade.

WEDNESDAY, NOVEMBER 2, 2022

SPONSOR-LIASION REPORT OUT

CAPTAIN KEVIN KIEFER, U.S. COAST GUARD (RET.)



Kevin Kiefer is Chief of the Office of Waterways and Ocean Policy at Coast Guard Headquarters where he is responsible for Ocean and Transportation Policy, Waterways Management, Great Lakes Pilotage, Domestic and Polar Icebreaking, and the International Ice Patrol.

He previously worked at Maritime Applied Physics Corporation (MAPC) in Baltimore, Maryland. Some of his projects included the production of missile onload instruments and grout injection machines for missile tubes on US Navy submarines. He also worked on autonomous vessel design and implementation for various military and commercial applications.

Before MAPC, Mr. Kiefer served 30 years as a Coast Guard officer. His last active duty position was as Deputy Director of the Coast Guard's Marine Transportation Systems Directorate at Coast Guard Headquarters. In that position, he managed a wide variety of navigation safety and security functions including Waterways Management, Aids to Navigation, Domestic and Polar Ice Operations, Coastal and Marine Planning, Permitting for Bridges, and Arctic Programs.

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Other notable Coast Guard positions included Chief of Staff for the First District in Boston, Massachusetts overseeing all Coast Guard missions across eight Northeast states, and Sector Commander of Maryland/National Capitol Region responsible for maritime safety, security and environmental protection in the State of Maryland and the Washington, DC area.

KEVIN KNIGHT, U.S. ARMY CORPS OF ENGINEERS



Kevin Knight is an Economist with the US Army Corps of Engineers, Institute for Water Resources (IWR). Some of Kevin's responsibilities include developing software, handbooks and tools for evaluating water resource projects. In addition, Kevin instructs several planning courses throughout the Corps and provides support to the National Academies' Transportation Research Board and the interagency Committee on the Maritime Transportation System.

Prior to joining IWR in 2008, Kevin worked for the Corps' San Francisco District for nearly 13 years, serving as Team Leader for the District's Economics Branch as well as a specialist on deep draft navigation matters. Kevin received his undergraduate degree in Economics

and a Master's in Public Administration from the State University of New York.

In his spare time, Kevin enjoys politics, trivia, playing volleyball, weightlifting, video games, theater and reality television shows. Kevin and his wife Tricia live in Alexandria, Virginia along with their sons Christopher and Max.

DR. THOMAS FU, OFFICE OF NAVAL RESEARCH



Dr. Thomas Fu is the head of the Mission Capable, Persistent and Survivable Naval Platforms Department of the Office of Naval Research (ONR). As department head, Dr. Fu oversees a broad range of S&T programs for Navy and Marine Corps platforms and undersea weapons, with an annual budget of over \$500 million per year.

Dr. Fu is also the acting director of the Advanced Naval Platforms Division within the Mission Capable, Persistent and Survivable Naval Platforms Department. The division provides technologically superior capabilities for naval platforms through investments in basic and applied research and advanced technology development programs for advanced power systems, acoustic and non-acoustic signatures, structural reliability and lifecycle

management, hydrodynamic performance, advanced propulsors, metamaterials, thermal system management, and platform autonomy and control, as well as the National Naval Responsibility for Naval Engineering.

Dr. Fu entered the Senior Executive Service in September 2015. He began his federal civilian service in 1988 at the Naval Surface Warfare Center, Carderock Division, working part-time as a mechanical engineer while in graduate school. After receiving his doctorate in mechanical engineering in 1993, he became a full-time research engineer. In 2001, Dr. Fu was promoted to senior research engineer and was named Head of the Resistance & Propulsion Division in 2008. In 2010, he became Deputy Head of the Hydromechanics Department, which became the Naval Architecture & Engineering Department in 2012. The department—then comprised of approximately 650 engineers, scientists and other personnel—served as the Navy's technical capability for surface- and undersea-vehicle hull forms and propulsors. Dr. Fu provided day-to-day operational and technical management, as well as served as the department's director of Science & Technology and Naval Engineering Education Center program manager. In October 2014, Dr. Fu became a program officer in the Sea Warfare and Weapons Department at ONR.

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Dr. Fu has authored over 140 technical publications. He earned a Bachelor of Science degree in ocean engineering from Purdue University in 1984; a Master of Science degree in physical oceanography from the Scripps Institution of Oceanography, University of California, San Diego in 1988; and a doctorate in mechanical engineering from Johns Hopkins University in 1993. Dr. Fu was a George Washington University Visiting Scholar in 2013 and adjunct faculty member in 2014. He has also been an adjunct faculty member at the University of Maryland and Oregon State University.

Dr. Fu was named the Asian-American Engineer of the Year by the Chinese Institute of Engineers-USA in 2012 and a Fellow of the American Society of Mechanical Engineers in 2018. His other awards include a Meritorious Unit Commendation (2013) and the David Packard Excellence in Acquisition Award (1998). Dr. Fu also currently serves as the Navy's NATO-Applied Vehicle Technology Panel member, and as the Editor-in-Chief of the Society of Naval Architects & Marine Engineering (SNAME), Journal of Ship Research.

HEATHER GILBERT, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION



Ms. Heather Gilbert has worked for the National Oceanic and Atmospheric Administration (NOAA) for over 15 years. She currently serves as the NOAA Senior Advisor to the U.S. Committee on the Marine Transportation System (CMTS).

Prior to her role in the CMTS, Ms. Gilbert began her career at NOAA as a nautical cartographer with the National Ocean Service, Office of Coast Survey. From there she moved to NOAA's Homeland Security Program Office, where she served as the project manager for the internal Geographic Information System (GIS) and managed the agency-wide notification system. In her current role at the CMTS she works with the Future of Navigation Integrated Action Team (IAT) and leads task teams on Maritime Security and Maritime Transportation Extreme Weather.

Ms. Gilbert earned a Masters of Geographic and Cartographic Science from George Mason University and a Bachelor of Science in Environmental Geography from Ohio University. She also holds a Master's Certificate in Project Management. Ms. Gilbert, when not traveling or skiing, lives in Alexandria, VA.

DANIEL NEVEROSKY, SUPERVISOR OF SALVAGE AND DIVING



Daniel Neverosky is currently assigned to the Naval Sea Systems Command (NAVSEA) where he holds the position of Deputy Supervisor of Diving and Salvage (00C), Director of Ocean Engineering.

Mr. Neverosky enlisted in the Navy after graduating high school and attended the Naval Academy Preparatory School. He went on to graduate from the United States Naval Academy (USNA) with a Bachelor of Science Degree in Mathematics. After graduation from USNA he completed sea tours as the Auxiliary Officer and Navigator aboard USS REUBEN JAMES (FFG-57) where he earned his Surface Warfare Qualification.

While on active duty, Daniel Neverosky was a U.S. Navy Diving and Salvage Officer and a member of the Acquisition Professional Community with certifications in Program Management and Production Quality Management. He earned a Master of Science

Degree in Systems Engineering and Operations Research from the Naval Postgraduate School.

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His previous assignments include Post Delivery Test and Trials Principal Acquisition Program Manager for the Amphibious Warfare Program Office (PMS377), Expeditionary Fast Transport (EPF) Class Principal Acquisition Program Manager, Assistant for Salvage Operations at Supervisor of Salvage and Diving, Project Officer at Southeast Regional Maintenance Center (SERMC) and Mathematics Instructor at the United States Naval Academy. Daniel is married with three children and enjoys coaching, running, and swimming.

TODD RIPLEY, MARITIME ADMINISTRATION



Todd has 30 years of federal service and currently serving in the Office of Safety at the Maritime Administration (MARAD). In addition to serving as the agency's liaison to Ship Operations Cooperative Program (SOCP), he serves as MARAD liaison to the Transportation Research Board (TRB) and Marine Board under the National Academy of Science. He is a past Chairman of ASTM International's Committee on Ships and Marine Technology (ASTM F25) that develops and maintains commercial consensus standards in support of the maritime industry, served as chairmanship of TRB's Standing Committee on Marine Safety and Human Factors (AW040) and is current Co-Chairman of U.S. Committee on the Marine Transportation System (CMTS) Maritime Innovative Science & Technology (MIST) Integrated Action Team (IAT).

STACEY NOEM, BUREAU OF SAFETY AND ENVIRONMENTAL ENFORCEMENT



Stacey Noem is the Chief of the Office of Offshore Regulatory Programs (OORP). As Chief, Stacey is responsible for developing and maintaining up-to-date regulations, policies, standards and guidelines; managing functions that engage risk assessment and analysis, the evaluation of emerging and unique technologies, and driving improved safety performance.

Stacey began her federal career as a Special Agent with the Environmental Protection Agency's Criminal Investigation Division where she worked for over 16 years. She joined BSEE in November of 2012 as a Supervisory Special Investigator tasked with running BSEE's Safety and Incident Investigations Division (SIID). As Chief of SIID, she developed national investigations policies and a handbook, and created an incident investigations training program that is executed by SIID staff for BSEE employees.

In addition to her Chief SIID duties, Stacey also acted as the Chief of BSEE's Safety Enforcement Division (SED). Stacey was named the permanent Chief of OORP in October of 2020.

Stacey graduated from the United States Naval Academy in May of 1987 with a Bachelor of Science degree in physical sciences. Of note, Stacey graduated within the first decade of women being allowed to receive nominations to attend the Academy. Upon graduation, she was commissioned a 2nd Lieutenant in the United States Marine Corps where she served as a Signals Intelligence Officer.

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JOSHUA BENNETT, VICE PRESIDENT, OFFSHORE WIND, DOMINION ENERGY



Joshua J. Bennett is vice president–Offshore Wind.

He is responsible for the Company’s offshore wind project execution, including its pilot project operations and commercial operations and commercial project construction.

Bennett joined the company in 2001 as supervisor–F&H Technical Services at Chesapeake Energy Center. He later served as manager–F&H Operations & Maintenance, first at Chesapeake and then at Chesterfield Power Station. He was promoted to director–Yorktown Power Station in 2007 and was named director–Power Generation Station III at both Chesterfield and Bellemeade Power Stations in 2014. In 2017 Bennett was named vice president–Technical Services for the Company’s Power Generation Group, where he was responsible for engineering design and control authority for the Company’s coal, gas, hydro, pumped storage, and renewable energy power generating units in nine states. He assumed his current post in September 2020.

Prior to joining the company, Bennett spent six years as a nuclear electrician/operator on a submarine in the U.S. Navy and later worked as an engineer at Westinghouse and IDAX Inc.

He earned his bachelor’s degree in electrical engineering from the New Jersey Institute of Technology and his MBA from Old Dominion University.

KIRSI TIKKA, OIL IN THE SEA STUDY CHAIR, OCEAN STUDIES BOARD



Kirsi K. Tikka (NAE) (Chair) is currently the independent non-executive director of Ardmore Shipping and Pacific Basin Shipping. She is actively involved in environmental regulatory and policy development for shipping as a member of the Royal Institute of Naval Architects’ Committee for the International Maritime Organization.

Dr. Tikka has more than 30 years of shipping experience having recently retired from the American Bureau of Shipping (ABS) in July 2019. She joined ABS in 2001 and held various specialist and leadership positions, including executive vice president, global marine; Europe division president; and vice president and chief engineer, global. Her most recent ABS role was as executive vice president, senior maritime advisor, where she was responsible for aligning ABS strategic planning, client development, and product and service offerings with the industry’s technical needs and requirements. She introduced and sponsored the environmental, harsh environment, and sustainability programs in ABS. She also represented ABS in the International Association of Classification Societies and was involved in the development of the Common Structural Rules for Tankers and Bulk Carriers.

From 1996 to 2001, Dr. Tikka was a professor of naval architecture at the Webb Institute in New York, where she was also awarded an honorary doctorate in 2018. In addition to teaching, she carried out research on prevention of oil pollution from shipping, tanker structural strength, and risk analysis, as well as being actively involved in the National Academies of Sciences, Engineering, and Medicine studies on double hull tankers. She served on the National Research Council’s Marine Board Committee that produced the 1998 report Double Hull Tanker Legislation: An Assessment of the

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Oil Pollution Act of 1990 and chaired the committee that produced the 2001 report Environmental Performance of Tanker Designs in Collision and Grounding: Method for Comparison. Dr. Tikka also worked for Chevron Shipping in San Francisco and Wärtsilä Shipyards in Finland. She joined Chevron at the time when the Oil Pollution Act of 1990 was being legislated, and she performed studies to evaluate its impact on tanker design and construction.

Dr. Tikka holds a doctorate in naval architecture and offshore engineering from the University of California, Berkeley (1989), and a master's degree in mechanical engineering from the University of Technology in Helsinki (1981). She is a fellow of both the Society of Naval Architects and Marine Engineers (SNAME) and the Royal Institution of Naval Architects. In 2012, she received SNAME's David W. Taylor Medal, the highest technical honor for naval architecture or marine engineering in the United States. Dr. Tikka is a foreign member of the National Academy of Engineering, and she serves on the University of California, Berkeley, Engineering Advisory Board.