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MARITIME SYMPOSIUM

APRIL 12TH AND 13TH, 2023

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Day 1 Schedule – VMASC

Wednesday - 12 April 2023

TIME	LOCATION	TOPIC	SPEAKER &/OR PANEL PARTICIPANTS
0800-0830	Atrium	Registration & Breakfast	
0830-0900	Conf Room	Opening Remarks	ODU, VMASC, VMA, Senator Warner (pre-recorded), Rear Admiral Ann Phillips (pre-recorded)
0900-0930	Conf Room	Keynote Speaker	Jennifer Boykin, President - Newport News Shipbuilding
0930-1000	Conf Room	Guest Speaker	Nancy Grden, President & CEO, Reinvent Hampton Roads
1000-1015	Atrium	Refreshment Break	
1015-1215	Conf Room	Panel 1: Coastal Resilience	<u>Moderator:</u> Jessica Whitehead <u>Panelists:</u> David Pryor, Speaker Pollard, Kyle Spencer
1215-1315	Atrium	Lunch Break SEALab Displays <i>ASNE TW</i> <i>Executive Board,</i> <i>Tri Cities HRBRC</i>	
1315-1400	Conf Room	Coastal Flooding Mitigation	William Boze, Engineering Manager, Newport News Shipbuilding
1400-1600	Conf Room	Panel 2: Future of the Maritime Industry	<u>Moderator:</u> Admiral Mark Hugel <u>Panelists:</u> Fred Pasquine, Mike Ihrig, Nate Gilman, Yiannis Pangelis, Captain Jennifer Stockwell
1400-1600	Tri Cities Building – 2 nd Floor (HRBRC)	Panel 2: Breakout Panel Session Maritime Cybersecurity	<u>Moderator:</u> Sachin Shetty <u>Panelists:</u> Yi He, Leigh Armistead, Katherine Smith, Mark Manns, Hallie Zimmerman, Dean Smith
1600-1700	Atrium	Reception SEALab Displays	



Day 2 Schedule - VMASC

Thursday - 13 April 2023

TIME	LOCATION	TOPIC	SPEAKER &/OR PANEL PARTICIPANTS
0800-0830	Atrium	Breakfast & Networking	
0830-0900	Conf Room	Guest Speaker	Captain Janet Days, Commanding Officer – Naval Station Norfolk
0900-0930	Conf Room	Guest Speaker	Matt Swartz, Executive Director and Chief of Staff – U.S. Fleet Forces Command
0930-0945	Atrium	Refreshment break	
0945-1145	Conf Room	Panel 3: Supply Chain	<u>Moderator:</u> Ricardo Ungo <u>Panelists:</u> Captain Mark Bowmer, Cliff Shearer, David Castle, Trevor Dunlap, Wayne Coleman
0945-1145	Tri Cities Building – 2 nd Floor (HRBRC)	Breakout Panel Session: Fleet Readiness Imperatives	<u>Moderator:</u> Mike Robinson <u>Panelists:</u> Admiral Mark Whitney, Captain Jay Young, Admiral Mark Buzby, Debbie Lilu
1145-1300	Atrium	Lunch Break & Guest Speaker	Cathie Vick, Chief Development & Public Affairs Officer – Virginia Port Authority
1300-1330	Conf Room	Guest Speaker	Bob Bodvake, US Navy (Ret), Owner - Disruptor Maritime
1300-1445	Tri Cities Building – small conf room	<i>Breakout session: Professor Ungo's class student presentations</i>	
1330-1530	Conf Room	Panel 4: Workforce	<u>Moderator:</u> Jennifer Palestrant, <u>Panelists:</u> Sarah Scherer, Tanya Lush, Commander Jeffrey Zamarin, Shawn Avery, Scott Kelley
1530-1545	Conf Room	Closing Remarks	Elspeth McMahon, Vice President of Maritime Initiatives, Old Dominion University



KEYNOTE SPEAKER

Jennifer Boykin

**President, Newport News Shipbuilding
Executive Vice President, Huntington Ingalls
Industries**



Jennifer Boykin is president of Newport News Shipbuilding and executive vice president of HII in Newport News, Virginia. Named to this position in 2017, she is the 20th person and the first woman to serve as president of the Newport News shipyard, which was founded in 1886 and has approximately \$4 billion in annual revenues.

As president, Boykin leads the operations of Newport News Shipbuilding, the largest industrial employer in Virginia. She has responsibility for more than 25,000 shipbuilders who design, build, and maintain the world's most complex ships: nuclear-powered aircraft carriers and nuclear-powered submarines. This includes teams that perform aircraft carrier and submarine maintenance across the United States and globally. She also has responsibility for an industrial

subcontract at the Kenneth A. Kesselring Site, a research and development facility in upstate New York that supports the U.S. Navy's nuclear propulsion program.

A native of St. Louis, Boykin earned her bachelor's degree in marine engineering from the U.S. Merchant Marine Academy (USMMA) and her master's degree in engineering management from the George Washington University. Since beginning her career in the nuclear engineering division, she has held progressively responsible positions, including vice president of engineering and design, vice president of quality and process excellence, director of facilities and waterfront support, and program manager for the nuclear engineering division. She also served as a construction superintendent for the aircraft carrier program during construction of USS John C. Stennis (CVN 74) and USS Harry S. Truman (CVN 75).

In the community, Boykin is committed to workforce development and is a strong advocate for STEM (science, technology, engineering, and math) programs. She serves on several community boards, including the Board of Trustees for The Mariners' Museum and RVA-757 Connects. In 2019, she was appointed by the president of the United States to serve on USMMA's Board of Visitors, and in 2021, she was named Kings Pointer of the Year by the USMMA Alumni Association and Foundation. Boykin is a founding member of two organizations aimed at empowering girls and women: Old Dominion University's Women's Initiative Network and First 10 Forward, established by USMMA women graduates from the first 10 classes.



Dr. Leigh Armistead - President - Peregrine Technical Solutions

Dr. Leigh Armistead, CISSP is the President of Peregrine Technical Solutions, LLC, where they conduct numerous IT/OT cybersecurity assessments. Dr. Armistead has a PhD from Edith Cowan University (ECU) in Perth (AU) from their Computer and Information Science directorate (2008) and his dissertation was focused on Information Warfare. Dr. Armistead also has an MA from Old Dominion University (Norfolk, VA) and a BS from the US Naval Academy, plus he served 20 years as an active-duty Naval officer. Dr. Armistead serves as the Chief Editor of the Journal of Information Warfare (JIW), a double-blind peer-reviewed cyber academic publication, <http://www.jinfowar.com/jiw>; plus, he is the Program Director of the International Conference of Cyber Warfare and Security, <https://www.academic-conferences.org/conferences/iccws/>, as well as the Vice-Chair Working Group 9.10 - <http://www.ifip.org/bulletin/bulltc/memtc09.htm>, ICT Uses in Peace and War. Dr. Armistead has published three books on IO/IW, in an unclassified format in 2004, 2007 and 2010, and in November 2021, he was inducted into the ECU Cyber Security Alumni Hall of Fame.

Shawn Avery - President & CEO – Hampton Roads Workforce Council



Mr. Shawn Avery currently serves as the President and CEO of the Hampton Roads Workforce Council. In this role, he provides leadership for strategic initiatives, partner and community relations, business and industry development, industry sector activities, educational initiatives, and management and oversight for the largest Workforce Development Board in the Commonwealth of Virginia. He comes to the Hampton Roads Workforce Council after serving as Vice President for the Peninsula Council for Workforce Development, where he provided leadership for the Councils' Private / Public Partnership Division. In addition, he has held the positions of Senior Manager of Development and Community Affairs for Opportunity Inc., Manager of the Peninsula Workforce Development Center and Grants Specialist for Thomas Nelson Community College.

Mr. Avery holds a Master of Business Administration from Florida Tech and a Bachelor of Science in Business Administration from Christopher Newport University. He has received Certificate of Studies in Economic Development from Virginia Tech and the University of North Carolina.

Mr. Avery is the recipient of an Inside Business Top Forty under 40 in Hampton Roads award, as well as an Expanding Workforce Opportunities Award and a Chancellor's Award from the Virginia Community College System. Most recently he received Community Builders Award from the Hampton Roads Community Action Program.

Mr. Avery currently serves on various Board and Commissions, including the GO Virginia Regional Council, Hampton Roads Chamber, and the Hampton Roads Alliance.





Robert W. Bodvake – Owner – Disruptor Maritime LLC

Disruptor Maritime was created in 2022 to manufacture vessels for the military, municipal and workboat markets. Robert previously worked for Fairlead Integrated leading the division responsible for government and commercial vessel repair. He served 26 years in U.S. Navy, and commanded the destroyer USS MOMSEN (DDG 92) homeported in Washington state, and Destroyer Squadron 22 located in Norfolk, VA. He is a graduate of National Defense University, The Eisenhower School, Washington D.C. (MS, National Resource Strategy) and Norwich University, Northfield, VT .

Captain Mark S. Bowmer – United States Navy

Capt. Bowmer is a native of Honolulu, Hawaii with an undergraduate in Psychology and a Master of Business Administration in Supply Chain Management and Operations from the University of Minnesota.

His afloat assignments include division officer aboard USS Bataan (LHD 5); supply officer aboard USS Milius (DDG 69); and supply officer aboard USS Bataan (LHD 5). His shore assignments include education counselor at the Navy Supply Corps School, Athens, Georgia; mobility planner at U.S. Northern Command, Colorado Springs, Colorado; Starbucks (Training With Industry), Seattle, Washington; deputy material management department head, Nuclear Reactors Supply Chain Management Directorate at Naval Supply Systems Command Weapon Systems Support, Mechanicsburg, Pennsylvania; and assistant force supply officer at Commander, Naval Surface Force Atlantic, Norfolk, Virginia.



His professional accomplishments include 2014 NAVSUP Military Logistician of the Year and 2014 Admiral Stan Arthur Military Logistician of the Year. Capt. Bowmer is currently working on a dynamic force employment project to establish strategic support contracts and align supply and demand for perishable commodities with integrated data analytics.





Mark H. Buzby - Rear Admiral - US Navy, Retired

Mark H. “Buz” Buzby was appointed by President Trump and served as Administrator of the Maritime Administration in the US Department of Transportation from August 2017 to January 2021. He was responsible for fostering, promoting, and strengthening the US Merchant Marine and the maritime industry. He retired from the US Navy in August 2013 after 34 years of service as a Surface warfare officer, serving principally at sea in cruisers and destroyers. At the time of his retirement, he was serving as Commander, Military Sealift Command. Previously, he Commanded destroyer USS CARNEY (DDG 64),

Destroyer Squadron THIRTY-ONE, Surface Warfare Officers School Command, and Joint Task Force GUANTANAMO. In 1985, he was the Atlantic Fleet Junior Officer Ship Handler of the Year. Ashore, he served on staffs of US SIXTH Fleet, US Fleet Forces Command, Chief of Naval Operations, and the Joint Staff Operations Directorate (J-3 JOD). RADM Buzby is a 1975 graduate of Admiral Farragut Academy, a 1979 graduate of the US Merchant Marine Academy, and holds master’s degrees from US Naval War College, and Salve Regina University. He has completed senior business studies at University of North Carolina Kenan-Flagler School of Business. He was awarded an Honorary Doctorate degree from Maine Maritime Academy in 2018.

After retiring from the Navy, Buzby served as President and CEO, National Defense Transportation Association as well as on the Board of Directors for several corporate boards and non-profits. He currently serves on boards for Crowley Solutions, Rose Cay Marine, Fincantieri Marine Systems, Tall Ships America, and Sea Machines. In his spare time, Buzby serves as a ship handling and seamanship instructor in the Navy’s ship handling simulator facility in Norfolk.

Originally born and raised in Atlantic City, NJ, Buzby is a lifelong yachtsman, commanding his first vessel at the age of 9. He and his wife Gina now reside in Norfolk, VA and enjoy cruising their vessel “NOR’EASTER” throughout the East Coast.

David Castle - Senior Manager of Defense Programs - Exiger

David Castle is a Senior Manager of Defense Programs at Exiger, the current Enterprise Supply Chain Risk Management solution for the US Government. He is an established expert in the field of Supply Chain Security and Resilience and advises the US Department of Defense on predicting, mitigating, and managing risks to critical US supply chains.



Prior to joining Exiger, David was a manager in the Federal Forensic Advisory practice at KPMG where he was a Lead Specialist in the Future of Trust initiative. His leadership and oversight in this initiative resulted in the development and establishment of risk lenses, designed to enable clients to identify and mitigate third-party risk. Additionally, he was responsible for conducting Insider Threat Program Maturity Assessments. These assessments were critical in determining program compliance with the National Insider Threat Taskforce’s 19 maturity elements and advising on improvements to the posture of Insider Threat Programs.

In addition to his private sector experience, David has provided contract support to various intelligence organizations to include the Defense Intelligence Agency’s Counterespionage Division and the Special Projects section in the Office of Counterintelligence of the National Geospatial-Intelligence Agency. David began his career over 20 years ago as a Counterintelligence Special Agent in the United States Army. As a special agent, he deployed in support of intelligence operations in Iraq, Afghanistan, Jordan, and Kuwait.





Wayne Coleman – Owner – CV International (CVI)

Wayne Coleman serves as chairman of the board and owner of CV International (CVI), a logistics and supply chain services provider for international import and export clients. CVI was formed in 1991 and has grown into a mid-sized family-owned company with more than 100 employees located in eight offices from the midAtlantic into the southeastern states. Almost 20 years ago, CVI expanded its footprint into vessel agency with the acquisition of Capes Shipping Agency.

Wayne's list of appointments, leaderships, and memberships includes serving as a founding member of the Virginia Coastal Chapter of the Wrestlers in Business Network, a division of the NWCA. He was also appointed to a 4-year term on the Chesapeake Bay Bridge and Tunnel Commission and served on the Norfolk Economic Development Authority Board, the Norfolk Botanical Gardens Board, and is a founding member of the East Beach Mentoring Group for local underprivileged men. Recently, Wayne was appointed to the Commonwealth Transportation Board (CTB) by Governor Youngkin. He is also chairman of the Old Dominion University Maritime Institute Supply Chain Advisory Council and has been a member of the Virginia Maritime Association for more than 35 years. Wayne, a licensed pilot, and a licensed customs broker, is a graduate of the Old Dominion University Strome School of Business.

Captain Janet Days - Commanding Officer – Naval Station Norfolk

Capt. Janet H. Days, a native of Chicago, graduated summa cum laude from Old Dominion University in 1999 with a Bachelor of Science in Business and received her commission through Naval ROTC via the Enlisted Commissioning Program. She holds a Master of Business Administration from the Naval Postgraduate School and concurrently earned the Naval War College command and staff diploma. She is also a graduate of Joint and Combined Warfighting School at Joint Forces Staff College and is a qualified joint specialty officer.



Days' sea assignments include tours aboard USS Simon Lake (AS 33) Homeported at La Maddalena, Italy; USS Mahan (DDG 72); and USS Forrest Sherman (DDG 98) as engineer officer, completing two deployments, one to the U.S. Central Command (USCENTCOM) area of responsibility (AOR) to conduct theater security cooperation and a subsequent deployment to the U.S. Southern Command AOR to conduct counter-narcotics operations. Days served as the Destroyer Squadron 28 material officer (N4) and staff director embarked aboard USS Dwight D. Eisenhower (CVN 69), where she completed two deployments to the USCENTCOM AOR in support of Operation Enduring Freedom. During her tour as executive officer and commanding officer of USS McFaul (DDG 74), she deployed independently to the U.S. 6th and 5th Fleet AORs.

Ashore, Days was assigned to the Joint Staff, J7 joint and coalition warfighting directorate as a military analyst and observer trainer augment to the deployable training team; she also deployed to Kabul, Afghanistan as the Joint Staff, J7 liaison officer to the International Security Assistance Force headquarters. Days completed a tour at Afloat Training Group Norfolk as a combat systems tactical mentor and is a graduate of the pilot Warfare Tactics Instructor / Integrated Air and Missile Defense course. As the Director of Maritime Warfare (N73) at Surface Warfare Officers School, she was responsible for training and development of all surface warfare department heads as well as providing instruction for prospective executive officers, commanding officers, and major command students. Days reported to Naval Station Norfolk as Executive Officer in September 2021 and assumed command as the 51st Commanding Officer in February 2023.





Trevor Dunlap - President - Givens Logistics

Trevor Dunlap is the President of Givens Logistics, an asset based Third Party Logistics (3PL) provider headquartered in Chesapeake, VA.

Givens specializes in port related warehousing and transportation services and operates in port communities across the US.

Nate Gilman - President & Co-founder – MM-SEAS

Nate Gilman is the president and co-founder of MM-SEAS (<https://www.mmseas.com>), a software that makes it easy to obtain, upgrade and renew your Merchant Mariner Credential. Nate holds bachelor and master's degrees from The Evergreen State College and a master's degree in technology management from Georgetown University. Nate is a veteran of the NOAA Commissioned Corps. He served as a Lieutenant operating ships and supporting global search and rescue missions. Nate cut his teeth on tall ships leading marine education programs on the Bill of Rights in Oxnard, CA. He is passionate about maritime workforce development and helping merchant mariners enter and progress in the profession.



Nancy L. Grden - President & CEO - Reinvent Hampton Roads

Nancy L. Grden is President & CEO for Reinvent Hampton Roads (RHR), an organization with the mission to expand the region's economy, create more and higher paying jobs, and leverage entrepreneurship and innovation. In addition, RHR is the management organization for Region 5 of the Commonwealth of Virginia's innovative GO Virginia Program for economic development.

She formerly served as Associate Vice President for Old Dominion University's Institute for Innovation & Entrepreneurship (IIE), leading ODU's organization for the campus and community at-large seeking economic development, entrepreneurship, and innovation resources and partnerships. In that capacity, she led two major economic development initiatives to advance the maritime innovation ecosystem in

the Hampton Roads Region by serving as the inaugural Executive Director for the Hampton Roads Maritime Collaborative for Growth & Innovation (HRMC), and as co-convenor for the ODU Maritime Initiative Leadership Group, which developed a strategy and plan for ODU to be globally recognized as a maritime institution.

An executive, entrepreneur, and change agent, Ms. Grden founded/co-founded companies such as Medicaid/Medicare services company Amerigroup (acquired by Anthem/Elevance), biotech company Genomind, behavioral health care company Lifescape, and fractional CEO services company Avenir. She has served in C-suite strategic planning, development, and marketing roles with predecessor banks to Bank of America, as well as major health care companies, including ValueOptions, now part of Anthem/Elevance. She has public sector and government relations experience with the U.S. Department of Housing and Urban Development (HUD) and National Conference of State Legislatures.



She is currently inaugural Chair of 757 Collab for the region’s entrepreneurial ecosystem and immediate past Chair of 757 Angels. She serves on the Executive Committees and Boards for StartWheel, Women in Venture, Norfolk Innovation Corridor, The Norfolk Forum, Hampton Roads Chamber, Hampton Roads Alliance, RVA757 Connects, and previously the Entrepreneurship & Business Academy/Virginia Beach Public School System. She is a Board member for Envision Lead Grow (ELG), a national not-for-profit that breaks the cycle of poverty through entrepreneurship with girls from underserved communities, and where she received the first “Trailblazer Award” in 2018. She was recognized by Inside Business for its 2021 “Women in Business Award” and by Virginia Business for its 2022 Virginia 500: “The Power List.”

Ms. Grden holds an MBA from the University of South Carolina, Master of Regional Planning from the University of North Carolina at Chapel Hill, and a B.A. in Economics from Bucknell University.

Yi He, Ph.D. – Assistant Professor – Old Dominion University

Dr. Yi He is an assistant professor of Computer Science at ODU. He received a Ph.D. in computer science from the University of Louisiana at Lafayette and a B.E. from the Harbin Institute of Technology (China), in 2020 and 2013, respectively. His research focus lies broadly in data mining and machine learning and specifically in online learning, data stream analytics, graph learning, recommender systems, and explainable artificial intelligence. His research outcomes have appeared in premier venues, e.g., AAAI, IJCAI, WWW, ICDM, SDM, ACM MM, T.KDE, T.NNLS, among many other AI, machine learning, and data mining outlets.



Mark A. Hugel - Rear Admiral – US Navy, Retired

RADM Mark Hugel, USN (retired) was commissioned as an Ensign in the United States Navy in June 1977 after earning a Bachelor of Science degree in Systems Engineering from the United States Naval Academy. He qualified as a Navy Surface Warfare Officer and was later accepted for lateral transfer into the Navy’s Engineering Duty Officer Program. In June 1992, Mark completed his graduate education at the Massachusetts Institute of Technology, earning a Master of Science degree in Naval Architecture and Marine Engineering, and a Master of Science degree in Mechanical Engineering. He subsequently served in acquisition, shipbuilding and ship maintenance tours and, in his third tour of duty at Norfolk Naval Shipyard, he was the 100th Shipyard Commander. His last active-duty assignment was as Deputy Commander, Logistics, Maintenance and Industrial Operations at the Naval Sea Systems Command, where he oversaw more than 26,000 civil service employees in the nation’s shipyards. After retiring from the Navy in 2009, he returned to Portsmouth and began employment as a Senior Vice President with CACI International, Inc. In November 2022, Mark was elected to a four-year term on the Portsmouth, VA City Council. He also serves as the National President of the American Society of Naval Engineers.



Mike Ihrig - CEO - MI Technical Solutions

As CEO of MI Technical Solutions, Inc. (MITS), Mike Ihrig encompasses everything he has studied, learned, and experienced as a US Navy submarine nuclear operator. He has his MS in Management, spent 28 years in the US Navy retiring as a CWO4(SS), and now leads an award-winning information and technology engineering business.



Founded in Chesapeake, Virginia, in 2004, MITS is a global IT and engineering company. It has over 100 employees, a majority of whom are veterans.

MITS is recognized for its Machine Learning and Artificial Intelligence work with the US Navy, having laid the claim as one of the first Machine Learning Algorithms installed on a shipboard network. Our Advanced Research and Development division has been issued 2 patents for tech solutions that serve public health, safety, and security issues. MITS is also recognized for installing the Wireless Connectivity Bridge for the U.S. Navy at ports both on the East Coast and West Coast, which has been said is “life changing”.

Mr. Ihrig’s motto to all who join his team is “continue to go out and excel!” which ensures MITS excels in everything it does.



Debbie Lilo – Vice President - Maintenance & Sustainment, Business Development – National Center for Manufacturing Sciences

Debbie Lilo is currently the Vice President, Maintenance and Sustainment, Business Development for the National Center for Manufacturing Sciences. Along with her current role she oversees the Commercial Technologies for Maintenance Activities (CTMA) Program.

Debbie has over 35 years of experience in the automotive and aerospace industries and working with the Department of Defense. Ms. Lilo has extensive expertise in managing complex, collaborative technical projects and understands how to bring new technology to commercialization. She has identified and developed new funding sources augmenting program resources and monitoring project performance through implementation and commercialization. She has a proven track record leading a team for securing over **\$2B** in funding across all of the armed services. This success has been achieved by building and maintaining strong relationships with key DoD personnel, a deep understanding of the DoD funding process and a familiarity of the technology that is available in the commercial sector. Debbie has comprehensive knowledge in project formation, execution, management, close-out, and technology transition.

She currently is the Co-Chair of the Additive Manufacturing for Maintenance Operations (AMMO) Working Group. She is also an Industry Principal representing supporting the efforts and goals of the Joint Technology Exchange Group (JTEG) including website maintenance, marketing, and technology forums. She continues to build strong relationships with the DoD maintenance communities, i.e., additive manufacturing, wiring, expeditionary fluid analysis, cold spray, composite, corrosion, and Condition Based Maintenance (CBM+).



Tanya Lush - Director of Workforce Development - COVE

Tanya Lush is an Occupational Psychologist with a specialization in career development. She has spent 14 of her 23-year career internationally (UAE, Saudi Arabia, Qatar, and Poland).

Tanya's career path has led her to leadership roles in Government, Non-Profit and higher education where she has built and led departments and organizations- focusing on "people projects" that support career/workforce development and talent attraction and engagement, working with post-secondary level to mid-career/senior level professionals. Tanya's time living and working abroad has provided her the opportunity to work side by side with more than 70 nationalities over the span of her career. Befitting her current role at COVE, she is a passionate champion of EDI in the marine sector.



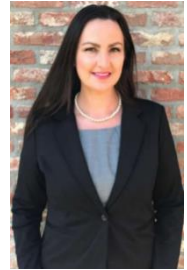
Mark Manns - Chief Growth Officer - Chitra

Mr. Mark Manns is the Chief Growth Officer for Chitra, a Woman Owned Small Business that specializes in cybersecurity risk management as well as curriculum development and training delivery solutions. Prior to entering private industry, Mr. Manns served in the U.S Army, where he retired at the rank of Colonel. Upon retirement from the Army, he served as the President and Chief Operating Officer (COO) of Agbotic, a robotically-driven indoor organic agriculture company, and also as an account executive at Client Solution Architects, a mid-tier contract company within the Defense Industrial Base. Mr. Manns has served as Chitra's Chief Growth

Officer since 2021, where he leads growth through strategy development, business optimization and operational efficiency.

Elsbeth McMahon – Associate Vice President for Maritime Initiatives – Old Dominion University

Elsbeth McMahon is Old Dominion University's inaugural Associate Vice President for Maritime Initiatives. She has nearly twenty years of dynamic experience in the commercial, military, and education sectors of the maritime industry. McMahon is currently a Commander in the United States Navy Reserves and has extensive experience working for Military Sealift Command as a Strategic Sealift Officer. She holds a USCG Chief Mate's License and has sailed commercially for Maersk Lines, Limited.



With a passion for maritime education and training, she spent almost a decade as an Assistant Professor in the Marine Transportation Department at the State University of New York Maritime College. There, she educated the next generation of licensed deck officers, teaching everything from Leadership to Ship Stability.

McMahon holds an undergraduate degree in Marine Transportation from Massachusetts Maritime Academy, a Master's Degree in International Transportation Management from State University of New York Maritime College, and a Master's Degree in Maritime and Air Transport Management specializing in maritime research from the University of Antwerp, Belgium. She is nearing the completion of her doctoral degree in Nautical Sciences at the University of Antwerp, focusing on the future roles and training of mariners with the onset of autonomous shipping. McMahon is now working to make ODU the leader in all things maritime - both in the Hampton Roads region and beyond.





Jennifer Palestrant - Director of Business Development for Offshore Wind for North and South America – Fugro

Fugro is the world's leading Geo-data specialist for providing integrated data acquisition, analysis, and advice.

In October 2019, Virginia's Governor Ralph Northam appointed Jennifer as the Commonwealth's first Director of Offshore Wind and Chief Deputy for the Virginia Department of Energy.

Previously, Jennifer served as Director of the SMART Center, a National Science Foundation Grant promoting maritime and offshore wind education nationwide at Tidewater Community College (TCC) where she also ran TCC's US Coast Guard Maritime training program.

Fred Pasquine – President – Fairlead

Fred Pasquine has over 20 years of experience with both large and small companies in engineering, process improvement, operations, business development, strategic planning, mergers, and acquisitions. Before joining Fairlead, Fred held the position of Senior Director of Business Operations for General Dynamics NASSCO-Norfolk responsible for all aspects of business development, estimating, planning, engineering, scheduling, supply chain, and procurement. He has served as Fairlead's President since 2017.



Fred has a Bachelor of Science in Mechanical Engineering from Geneva College and a Master of Business Administration from Miami University. He is a licensed Professional Engineer (PE) and a Certified Six Sigma Black Belt (CSSB) by the American Society of Quality. He is also a proud alumnus of the CIVIC Leadership Institute class of 2019.

Growing up in Northern Maine, Fred learned to love the outdoors, music, and football. When not working, he enjoys restoring older homes with his wife of 24 years, exploring the outdoors with his three daughters, and playing the drum set. He and his family live in the historic Olde Towne neighborhood in Portsmouth, Virginia.



Henry R. Pollard V - Attorney - Williams-Dunlap

Henry R. Pollard V is an attorney at Williams-Dunlap, in its Richmond, Virginia office. He brings a combined science and business education background to his practice, which is concentrated in environmental, water supply, wastewater, and coastal resiliency law. He assists business, development, trade group, governmental and individual clients with issues such as water quality, wastewater, stormwater management, wetlands, water rights, solid and hazardous waste, Superfund liability, petroleum and chemical storage, brownfield and voluntary remediation, air pollution, energy production and renewable energy, asbestos and mold contamination, cultural resources, and species protection at federal, state, and local levels. Mr. Pollard's practice also includes compliance and permitting assistance, enforcement defense, water supply planning and contracts, property and business transactions, land use proceedings, and legislative and regulatory affairs. Another focal point of his practice includes coastal flooding and resiliency planning issues, responding to mounting community, business, and lender concerns about greater frequency and severity of flooding, related legal, land use and infrastructure risks and the need to mitigate such risks.



Dave Pryor is a Professional Engineer with 41 years of experience with design, engineering, project management and business development of infrastructure development, waterfront facilities, shipbuilding, and facility management. During the course of his career, Mr. Pryor has been involved with significant new construction and major overhaul projects. Mr. Pryor has played a key role in many of these projects, including positions such as Chief Engineer, Program Manager, Design Manager and Principal Engineer.



Mr. Pryor's engineering expertise covers a wide range of topics including infrastructure development, climate change and coastal resilience, and renewable energy. He currently serves on ASCE/COPRI Committee for the development of guidance for the Design of Piers and Wharves and PIANC Working Group 213, Design Guidelines for Marine Multi-purpose Terminals.



Dr. Mike Robinson - VMASC Chief Operations Officer - Virginia Modeling, Analysis, and Simulation Center at Old Dominion University; Executive Director - Hampton Roads Maritime Industrial Base Ecosystem; Executive Director – Digital Ship

Dr. Mike Robinson is the VMASC Chief Operations Officer, and the Executive Director of both the Hampton Roads Maritime Industrial Base Ecosystem (MIBE) and the Virginia Digital Ship program, the Director of the Old Dominion University Center for Innovative Transportation Solutions (CITS), and the Deputy Director of the Coastal Virginia Center for Cyber Innovation, a southeast Virginia effort focused on research and commercialization of cybersecurity applications in defense, maritime, and transportation domains. His work focuses on the use of computer modeling and simulation techniques to develop solutions with an emphasis on partnerships with experts from multiple disciplines. Dr. Robinson created the transportation and evacuation research group at VMASC in October 2007. He has served as the principal investigator (PI) on projects with total funding of over \$16 million and as the co-principal investigator (co-PI) on projects with additional funding of over \$1.8 million. Dr. Robinson is a past chair of the National Academy of Sciences, Engineering, and Medicine Transportation Research Board Standing Committee on Emergency Evacuations, as well as a past co-chair of the Standing Committee on Disaster Response, Emergency Evacuations, and Business Continuity, and is a member of the TRB Transportation Systems Resilience Executive Committee, the Joint Subcommittee on Emergency Response, the Pedestrian Modeling and Simulation Subcommittee, and the Cyber Security Subcommittee. He is the chair of Virginia's Commonwealth Center for Advanced Logistic Systems Technical Advisory Council. Prior to coming to ODU, Dr. Robinson served as a nuclear submarine officer in the U.S. Navy, receiving numerous awards for leadership and innovation.

Sarah Scherer - Vice President of Pacific Coast Operations - Transportation Institute

Sarah's 30+ year career started as a Cadet at Texas A&M University at Galveston (TAMUG) which is also the Texas Maritime Academy. After earning a bachelor's degree in Marine Sciences and an Unlimited Tonnage Third Mates License from the US Coast Guard, she enjoyed working in various parts of the at sea Maritime Community. She sailed on multiple types of vessels from tugs & barges and supply boats to high-speed catamarans to scientific research vessels and army landing crafts from the Bering Sea to Australia. She came ashore in 2005, and has worked in Health & Safety, Environmental Protection, Adult Learning/Education, Leadership Development/Change Management, Academics and Government. She has a master's degree in Applied Behavioral Science with an emphasis in Leadership and Organizational Development. She is now the Vice President of Pacific Coast Operations for the Transportation Institute. The Transportation Institute (TI) was established in 1967 as a non-profit organization dedicated to maritime research education and promotion. TI supports a wide range of programs that promote the strength of America's maritime capability.





Cliff Shearer – Vice President of Navy & Marine Programs – Crestwood Technology Group

Cliff Shearer is currently the Vice President of Navy and Marine Programs at Crestwood Technology Group. Prior to that, he came from Patricio Enterprises as the Senior Logistics Manager at Program Executive Officer Intelligence Electronic Warfare & Sensors in support of deployed Force Protection Programs in SW Asia the Middle East, and AFRICOM. He is a retired senior Navy Supply Officer serving in a variety of leadership positions afloat, overseas, and ashore. At sea, he served as Disbursing Officer, USS Saratoga (CV 60); Supply Officer, USS Norfolk (SSN 714); and Stock Control Officer/Principal Assistant for Logistics, USS George Washington (CVN 73). His overseas and shore duty assignments include: Weapon Systems Officer and Flag Aide at Naval Inventory Control Point – Mechanicsburg and Philadelphia; Functional Integration Manager Department Head at Center for Service Support, Athens; Replenishment Officer at COMLOGFORNAVCENT (CTF-53), Bahrain; and the Executive Officer of Deputy Chief of Staff for Strategy, Plans and Assessment (DCS-SPA) in Baghdad, Iraq under Multi National Force-Iraq (MNF-I); CVN/Fixed Wing Readiness Officer at Commander, Naval Air Force, U.S. Atlantic Fleet; Director, Logistics Operations Center at NAVSUP Global Logistics Support (formerly NOLSC); Program Manager at Joint Staff, Global Force Management (J35 South); Director of Logistics at Combined Task Force 51/5 in Bahrain; and Aviation Logistics Division Supply Officer at Marine Forces Command.

Dr. Sachin Shetty – Executive Director – Center for Secure and Intelligent Critical Systems: Professor of Computational Modeling – Old Dominion University

Dr. Sachin Shetty is the Executive Director of the Center for Secure and Intelligent Critical System (CSICS) in the Virginia Modeling, Analysis and Simulation Center (VMASC) and holds a joint appointment as a Professor with the Department of Computational Modeling and Simulation Engineering at Old Dominion University.



His research interests lie at the intersection of communications, security, and machine learning. Within the last 10 years, Sachin completed many large-scale projects with multiple collaborators and institutions and served as the PI/Co-PI on various grants and contracts funded by various military and federal government departments and private businesses. He is the Technical Lead for the 5G Network Enhancement Prototype at Marine Corps Logistics Base, Albany Georgia. He has published over 200 research articles in journals and conference proceedings and edited 4 books. He has been recognized as the Top 2% scientist worldwide and has received the DHS Scientific Leadership, EPRI Cybersecurity Research Challenge, and Fulbright Specialist awards. He is a Commonwealth Cyber Initiative Fellow and Senior Member of IEEE.

Dean Smith - Vice-President Security Engineering and Enterprise Integration - G2 Ops Inc.



Dean Smith is an experienced cybersecurity expert who leads G2 Ops, Inc.'s Security Engineering portfolio of capabilities and service delivery, with an emphasis on safeguarding the Naval Maritime Enterprise. During his over 25 years of experience in cybersecurity, system development, and enterprise Information Technology, Dean has supported an array of defense and commercial clients, such as the U.S. Navy, U.S. Air Force, U.S. DoD Joint commands, Fortune 50 companies, small and medium-sized enterprises, and tech start-ups. Dean's extensive skillset encompasses virtually all aspects of security and IT engineering relevant to the maritime industry. His expertise includes security architecture, systems security engineering, defensive cyber operations, Digital Forensics and Incident Response (DFIR), security assessment and compliance, IT operations, network engineering, IT and security governance, and security test and evaluation, among other related areas.



Dr. Katherine Smith – Research Assistant Professor in Digital Shipbuilding at VMASC – Old Dominion University

Dr. Katherine Smith is a Research Assistant Professor in Digital Shipbuilding at Old Dominion University's (ODU) Virginia Modeling, Analysis, and Simulation Center. Dr. Smith received her Ph.D. degree in Modeling and Simulation engineering, an M.S. in applied computational Mathematics, and B.S. degrees in Applied Mathematics and Mechanical Engineering from ODU. She was previously a senior lecturer in the mathematics department at ODU. Her research interests include modeling and simulation of complex systems and networks particularly involving supply chains and ports, data analytics and machine learning especially related to competency evaluation systems and content curation, and serious games and experiences for STEM education.



Kyle Spencer - Chief Resilience Officer – City of Norfolk, VA

Kyle Spencer has been the City of Norfolk's Chief Resilience Officer for the past year and served as the Deputy Resilience Officer prior to this role since 2018. He has spent the last 15 years working to make Norfolk a more resilient city as a consultant and as a technology leader with the City prior to working in the Resilience Office. Kyle's primary focus is implementing the City's Resilience Strategy by managing complex water management, environmental, urban planning, and smart cities projects. While with the City, Kyle has been collaborating with regional partners on resilience innovations to support research projects with universities and developing business solutions in the resilience

sector by turning Norfolk into a coastal community laboratory. Kyle is a certified GIS Professional, and Certified Floodplain Manager.

Matthew H. Swartz - Executive Director and Chief of Staff - U.S. Fleet Forces Command

Matthew H. Swartz serves as the Executive Director and Chief of Staff of U.S. Fleet Forces Command. Mr. Swartz assumed these duties in September 2019. As a direct report to the commander, he is responsible for integrating resources and readiness fleet-wide, developing strategies to optimize utilization of more than \$12 billion as well as 122,000 total active duty and reserve military members, civilian employees, and contractors.

Prior to this assignment, Mr. Swartz served as the Deputy Commander, Naval

Information Forces that is responsible for the man, train and equip functions for Navy Information Warfare and Fleet CSISR capabilities assigned to 80+ subordinate operational shore commands manned by over 21,000 IW personnel operating across the globe. In the execution of his duties, he led a staff of 500+ military and civilian professionals and directly managed an annual budget of \$1.4 billion.

Mr. Swartz also served in multiple other federal senior executive positions. He served as the Chief Information Officer of the USDA Forest Service, the Executive Director and Command Information Officer for U.S. Fleet Cyber Command, and the Director for Assured Command and Control within the directorate of the Deputy Chief of Naval Operations (DCNO) Information Warfare (N2/N6) where he was responsible for oversight, resource sponsorship, and the cybersecurity of Navy tactical, operational, and enterprise communications, networks, and command and control systems. Also during this period, Mr. Swartz led the Chief of Naval Operations and the Assistant Secretary of the Navy for Research, Development and Acquisition (ASN (RDA)) Task Force chartered to define the Navy's approach and response to cyber security.



In addition to these executive positions, Mr. Swartz has served as the Deputy Director, Logistics Planning and Innovation for the DCNO for fleet readiness and logistics and as enterprise initiatives branch head for the DCNO for communication networks. Prior to government service, Mr. Swartz served in executive and senior leadership roles in the commercial industry.

Mr. Swartz holds a bachelor's degree from Mary Washington College and Master of Science degrees from the University of Virginia and the National Defense University, Industrial College of the Armed Forces.

Mr. Swartz has received various awards throughout his career, which are all a reflection of the opportunities he has had to be part of amazing teams consisting of Sailors and civilians within the Department of Navy.



Dr. Ricardo Ungo is a professional with 24+ years of experience in the manufacturing and maritime industry. He worked for more than a decade at the Panama Canal, participating in the Panama Canal Expansion project studies and leading the development of studies for maritime related projects as Business Development Manager. He specializes in the topics of maritime industry and global supply chains.

Ricardo is now Director of the Maritime, Ports and Logistics Management Institute and Clinical Assistant Professor of Maritime and Supply Chain Management in the Strome College of Business, Old Dominion University. He holds a PhD in Economics from Vanderbilt University.

Cathie J. Vick - Chief Development & Public Affairs Officer – Virginia Port Authority

Cathie J. Vick is the chief development and public affairs officer (CDPAO) for the Virginia Port Authority (VPA) where she oversees The Port of Virginia's government relations, community outreach, development and transportation policy, sustainability, and maritime incident response.



Before accepting her role at the port, Cathie served as deputy director for energy policy in the Virginia Department of Mines, Minerals and Energy, where she helped to implement energy policy initiatives in the Commonwealth. She also worked as director of government relations for Virginia Natural Gas, where her responsibilities included advocacy to state, local, and federal officials, guiding the company's civic and charitable sponsorships and donations, and managing its conservation programs.

Cathie takes an active role in political and civic life in the Commonwealth. She serves on various Boards, such as The Alliance, Optima Health, TowneBank Virginia Beach, Virginia Clean Cities, and Greater Norfolk Corporation, among others. Cathie was named as one of the region's Top 40 under 40 in 2005, Top Women in Business in 2010, was awarded the Julian Hirst Alumni Leader Award by Lead Hampton Roads in 2014, received a VA Business Women in Leadership Award in 2022, and was named the WTS Woman of the Year in 2022.

Cathie has a law degree from Georgia State University College of Law, a master's degree in business administration from the College of William and Mary, and a bachelor's degree in political science and communications from James Madison University. She is a member of Beta Gamma Sigma. Cathie is also a 2005 Fellow of the Sorenson Institute of Political Leadership, a 2009 graduate of LEAD Hampton Roads, a 2015 graduate of LEAD Virginia, and a 2019 graduate of AAPA's PPM program.





Rear Admiral Mark Whitney – Vice President of Industrial Operations – R&P Technologies; Deputy Director - MIBE

A second-generation naval officer, Rear Adm. Mark R. Whitney is a native of South Portland, Maine. He was commissioned as an Ensign in the United States Navy in 1984 after earning a Bachelor of Science degree in Marine Engineering from Maine Maritime Academy. He also holds a Master of Science degree in Mechanical Engineering from the Naval Postgraduate School.

As a surface warfare officer, he served in various engineering and staff billets onboard USS Luce (DDG 38); Commander, Destroyer Squadron (COMDESRON) 12; and U.S. Special Operations Command (USSOCOM).

In 1991, he was selected for lateral transfer to the Engineering Duty Officer Community where he served in various staff engineering, technical, and operational positions including: Norfolk Naval Shipyard Naval Reactors Representative's Office; Supervisor of Shipbuilding, Conversion and Repair Newport; Norfolk Naval Shipyard; USS Theodore Roosevelt (CVN 71); Director, Surface Warfare (N76), Chief of Naval Operations Staff (OPNAV); Director, Air Warfare (N78), OPNAV Staff; Puget Sound Naval Shipyard and Intermediate Maintenance Facility; and Naval Sea Systems Command.

Whitney became the 47th Commander of Puget Sound Naval Shipyard and Intermediate Maintenance Facility in 2008. In 2012, his first Flag Officer tour was Deputy Commander, Logistics, Maintenance and Industrial Operations, Naval Sea Systems Command (SEA 04). In June 2016, he assumed the responsibilities as the U.S. Fleet Forces Command, Director for Fleet Maintenance.

In July 2019 he retired from active duty with over 35 years of service. From January 2020 to March 2022 he worked for BAE Systems, Inc., as the Vice President, Deputy General Manager, Ship Repair. From September 2020 to April 2021 he concurrently served as Vice President, General Manager of BAE Systems Inc., Norfolk Ship Repair. In January 2023 he began employment with R&P Technologies as Vice President of Industrial Operations. In March 2023 he began employment as Deputy Director of the Hampton Roads Maritime Industrial Base Ecosystem (MIBE).

Commander Jeffrey S. Zamarin – United States Coast Guard

Commander Zamarin was born in Thousand Oaks, CA in 1982 and subsequently moved to Park City, UT in 1988. Upon graduation from Park City High School, he attended the United States Merchant Marine Academy – Kings Point, NY where he earned a Bachelor of Science degree in Maritime Operations and Technology, a Coast Guard unlimited tonnage 2nd Mates License, and Coast Guard Qualified Member of the Engineering Department certification. Upon graduation he attended Coast Guard Direct Commission Officer School in New London, CT and then reported to CGC ACUSHNET (WMEC 167) as a Student Engineer. From there, he reported to MLCPCAC in Alameda, CA as the Patrol Boat Availability Project Manager for West Coast 110' and 87' WPB's. After this tour he reported to the Surface Forces Logistics Command (SFLC) in Norfolk, VA where he worked to stand up the Patrol Boat Product Line (PBPL) and develop new policies and procedures for the Coast Guards modernization initiative. Next, he attended graduate school at Old Dominion University in Norfolk, VA where he earned a Masters in Engineering Management. Upon completion of graduate school, he worked on a special assignment for the SFLC Industrial Operations Division before reporting as Engineer Officer on CCG BERTHOLF (WMSL 750) where he earned the American Society of Naval



Engineers (ASNE) Lucas Plaque Award (Afloat) for outstanding contributions to the Coast Guard Naval Engineering Program. From 2017 to 2020 he was assigned to

Coast Guard Headquarters in the offices of CG-821 as a Program Reviewer responsible for managing the Coast Guard's multi-billion-dollar surface fleet acquisition portfolio and CG-452 as the Naval Engineering workforce manager. Currently Commander Zamarin is assigned to Sector Virginia as the Chief of Logistics and Commanding Officer of Military Personnel.

Commander Zamarin is designated as a Coast Guard Naval Engineer and holds a Department of Homeland Security Level III Program Manager certification and a Project Management Institute (PMI) Program Manager Professional (PMP) certification.

Commander Zamarin has several personal military awards to include the Meritorious Service Medal, Coast Guard Commendation Medal, Coast Guard Achievement Medal, and various unit and service awards.

