

FROM THEORY TO PRACTICE:

# FOSTERING CLIMATE RESILIENCE FOR A MORE SECURE WORLD



## W&M NATIONAL SECURITY CONFERENCE

APRIL 6, 2023 | 8:00 AM - 4:00 PM  
SADLER CENTER, CHESAPEAKE A/B



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MILITARY TRANSITION

Raymond A. Mason  
School of Business  
WILLIAM & MARY

# Thursday, April 6, 2023

Chesapeake A/B, Sadler Center

8:00 - 8:30 am	Light breakfast and registration
8:30 - 8:35 am	Introduction by <b>Dr. Kathryn H. Floyd</b> , Director, Whole of Government Center of Excellence, William & Mary
	Welcome by <b>Katherine A. Rowe</b> , President, William & Mary
8:45 am	Opening Address by <b>Admiral James G. Foggo</b> , USN (ret.), Dean, Center for Maritime Strategy; Member, American Academy of Diplomacy

9:15 - 10:30 am

## Panel 1:

### PORTS AND NATIONAL SECURITY: HOW WE CAN INCREASE RESILIENCE TO CLIMATE CHANGE

This panel will discuss the critical role that ports play in supporting national security by importing and exporting goods, providing terminals to service military vessels, and serving as staging areas for assembly of large offshore wind turbines; and how ports are taking steps to increase their resilience to climate change impacts on their infrastructure and operations.

Professor **Elizabeth A. Andrews**, Professor of Practice and Director, Virginia Coastal Policy Center, W&M Law School

**Rick Dwyer**, United States Air Force (ret.), Executive Director, Hampton Roads Military and Federal Facilities Alliance

# Thursday, April 6, 2023

Chesapeake A/B, Sadler Center

*Panel 1 continued*

**Randall "Keith" Nelson**, United States Coast Guard (ret.), Senior Facilitator, U.S. Global Maritime Operational Threat Response (MOTR) Coordination Center (GMCC)

**CAPT Jennifer Stockwell**, Commander of Sector Virginia, United States Coast Guard

10:30 - 10:45 am

**NETWORKING BREAK**

10:45 am - 12:00 pm

**Panel 2:**

## ASSESSING THE SITUATION: TOOLS AND TECHNIQUES TO SUPPORT DECISION-MAKING UNDER CLIMATE CHANGE

As sea levels rise and storm events increase in frequency and intensity, it is critical to consider future conditions in planning efforts. However, uncertainty in forecasts and a lack of true understanding of the bounds of uncertainty can paralyze decision-making processes or lead decision makers to ignore the uncertainty in their planning. This panel will discuss the tools and information available for forecasting the future and strategies to build uncertainty into the planning process.

Professor **Christopher D'Elia**, Dean of the College of the Coast and Environment, Louisiana State University

**Anne Jackson**, Sustainability and Building Performance Strategist, Noblis

# Thursday, April 6, 2023

Chesapeake A/B, Sadler Center

*Panel 2 continued*

**Dr. J. Derek Loftis**, Research Assistant Professor, Virginia Institute of Marine Science

**Dr. Molly Mitchell**, Research Assistant Professor, Virginia Institute of Marine Science [Moderator]

**Dr. Krista Romita Grocholski**, Physical Scientist, The RAND Corporation

12:00 – 1:00 pm

## WORKING LUNCH

Reflections and Introductions by **Dr. David A. Yalof**, Vice Provost for Academic Affairs, William & Mary

[The Project on International Peace](#) and Security (PIPS) student presentations

**Kevin Bloodworth.** "The Road to El Dorado: How Canadian Mining Exacerbates Violence in Latin America & Africa"

**Anna Glass.** "The Binding Power of Pipelines: The Security Risks and Opportunities of Global Desalination Proliferation"

**Lucy Shearer.** "Russia's Handmaid's Tale: Pronatalism and the Erosion of female autonomy in Europe"

**Aaraj Vij.** "Compartmentalization & Community Moderation: A Framework to Combat Disinformation and Extremism on Social Media"

**Jacqueline Zimmerman.** "Disillusionment & Dissent: The Propensity for Environmental Populism Among Gen Z"

# Thursday, April 6, 2023

Chesapeake A/B, Sadler Center

Working Lunch  
continued

Supported by Faculty Professors **Amy C. Oakes** and **Dennis Alcides Velazco Smith**

[W&M Global Innovation Challenge](#) (WMGIC) briefing and case challenge overview by **George Hage**

1:00 - 1:30 pm

## KEYNOTE ADDRESS

**Rear Admiral Phillips**, USN (ret.), Administrator, Maritime Administration/MARAD, U.S. Department of Transportation

1:30 - 2:30 pm

## Panel 3:

Adapting Ethics and Policy for More Just Climate Futures  
As average global temperatures rise and natural disasters become more frequent and severe, marginalized communities worldwide are bearing the brunt of the associated health, food, water, and livelihood risks. This panel brings together local, regional, and international experts who will share their expertise and insights on identifying innovative solutions to climate adaptation and mitigation from an environmental justice lens.

**Dr. Sasikumar Balasundaram**, Adjunct Lecturer of Asian and Middle Eastern Studies, William & Mary

**Dr. James F. Groves**, Associate Professor, Dept. of Engineering & Society, School of Engineering University of Virginia

# Thursday, April 6, 2023

Chesapeake A/B, Sadler Center

*Panel 3 continued*

**Dr. Nicole S. Hutton**, Associate Professor, Political Science & Geography, Old Dominion University

**Dr. Sarah Stafford**, CSX Professor of Economics and Public Policy and Department Chair, William & Mary [Moderator]

**Ann Vaughan**, Senior Advisor for Climate Change, Bureau for Resilience and Food Security, USAID

2:30 - 2:45 pm

**NETWORKING BREAK**

2:45 - 3:45 pm

**Panel 4:**

## DATA INNOVATION IN CONFLICT ZONES: COLLECTING AND UTILIZING DATA TO GUIDE CLIMATE RESILIENCE AND SECURITY POLICY IN AFGHANISTAN

On the ground data collection has long been considered an essential step to evaluate international programs and inform policy on climate resilience and security. In conflict zones, such data collection is difficult or impossible. In this panel, researchers and policy-makers discuss innovative methods for collecting and utilizing data in modern day conflict zones - with a focus on Afghanistan - and best practices for using this data to inform policy.

**Dr. Ariel BenYishay**, Associate Professor of Economics, William & Mary [Moderator]

**Dr. William Byrd**, Senior Expert, Afghanistan, United States Institute of Peace

# Thursday, April 6, 2023

Chesapeake A/B, Sadler Center

*Panel 4 continued*    **Timothy Carroll**, Weather and Climate Portfolio Lead, Microsoft

The Honorable **Ronald E. Neumann**, President, American Academy of Diplomacy

**Dr. Rachel Sayers**, Research Scientist, AidData, William & Mary

3:45 - 4:00 pm    **CLOSING REMARKS**

**Kathleen T. Jabs**, USN (ret.), Special Assistant to the President for Military & Veteran Affairs, William & Mary

**Dr. Kathryn H. Floyd**, Director, Whole of Government Center of Excellence, William & Mary

4:15 - 6:00 pm:    Closing Reception in Partnership with the Public Policy Program, Chancellor's Hall

## Symposium Speakers



### Elizabeth Andrews

Elizabeth Andrews is the Director of William & Mary Law School's Virginia Coastal Policy Center. She formerly served as Senior Assistant Attorney General and Chief of the Environmental Section of the Virginia Office of the Attorney General, where she oversaw a team of attorneys representing and providing counsel to the natural resources agencies of the Commonwealth. She serves as a member of the Technical Advisory Committee charged with developing Virginia's first Coastal Resilience Master Plan, and is a Fellow in the American College of Environmental Lawyers. She also served as a member of the Expert Study Board convened by the Virginia Academy of Science, Engineering & Medicine to research and draft the report, *The Impact of Climate Change on Virginia's Coastal Areas*. ■



### Sasikumar Balasundaram

Sasikumar Balasundaram is a cultural anthropologist by training and an interdisciplinary scholar by practice. He was born and raised in a postcolonial tea plantation in the up-country of Sri Lanka. He received his Ph.D. from the University of South Carolina and has previously taught in various higher educational institutions. Currently, he resides on an organic farm in New Kent, Virginia. He is the Executive President of Harvest Earth, a non-profit focused on racial justice, food justice, and climate justice. His teaching and research interests include globalization, refugees, state violence/terrorism, humanitarian aid, climate activism, social media, and engaged research with children and youth in plantation communities. His work includes *Global Mountain Regions: Conversations toward the Future* (2018). ■

## Symposium Speakers



### Ariel BenYishay

Ariel BenYishay is a development economist specializing in empirical microeconomics, geospatial impact evaluations, and randomized control trials. He serves as AidData's Chief Economist and as Associate Professor of Economics at William & Mary. His current research focuses on the impacts of foreign aid programs on agriculture and deforestation as well as human health and social capital. In addition, Ariel has served as the principal investigator on a variety of large-scale experiments in developing countries, including Malawi, the Philippines, and the Solomon Islands. Ariel holds a PhD in Economics from the University of Maryland. ■



### William Byrd

William Byrd is a senior expert at the U.S. Institute of Peace, where he focuses on Afghanistan. He is a development economist by background, with a doctorate in economics from Harvard University and a master's degree in East Asian studies from the same institution. He had long experience at the World Bank, working on and living in China, India, Pakistan, and Afghanistan. During 2002-2006, he was stationed in Kabul, where he served as the World Bank's country manager for Afghanistan and then as economic adviser. Publications include five books on China, other books and book-length publications, and numerous articles, among them many papers on Afghanistan, as well as a number of World Bank reports and more recently numerous USIP publications. ■

## Symposium Speakers



### Timothy Carroll

Timothy Carroll leads Microsoft's Numerical Weather Prediction & Earth Systems Models efforts; critical to countering the disastrous impact of extreme weather and climate change on life, property, and security. Innovating with urgency requires governments and industry to partner more creatively than historical models. Tim's mission is to collaborate with the NWP/ESM community while leveraging tools like Azure, OpenAI, HPC and geospatial data to address the most impactful areas of earth science, with the organizations most committed to applied research. ■



### Christopher F. D'Elia

Christopher D'Elia (A.B., Biology Middlebury College; Ph.D. Zoology UGA) has authored over eighty scientific publications on the nutrient dynamics of estuaries and coral reefs, science policy, energy, and STEM education. He has held leadership positions at the NSF, the University System of Maryland, the University at Albany, SUNY, and the University of South Florida. He has served as President of the Estuarine Research Federation, chair of the Council of Scientific Society Presidents, and on numerous non-profit boards. He was appointed in 2009 to his current position as professor and dean of LSU's College of the Coast & Environment. ■

## Symposium Speakers



### Rick Dwyer

Rick Dwyer is the Executive Director of the Hampton Roads Military and Federal Facilities Alliance, a public-private partnership dedicated to attracting, retaining, and growing federal facilities in the region. Prior to becoming Executive Director in July 2022, he served 6 years as the HRMFFA Deputy Executive Director.

Rick served over 20 years on active duty as an Air Force civil engineer officer and worked in base level, heavy construction, major command, and Headquarters Air Force positions. He gained extensive experience working on infrastructure, environmental, housing, emergency management, fire emergency services, and explosive ordnance disposal issues. He commanded three civil engineer squadrons within the continental United States and in the Southwest Asia area of operations. ■



### Kathryn H. Floyd

Kathryn H. Floyd, Ph.D., is the Director of William & Mary's Whole of Government Center of Excellence (WGC). The WGC, part of the W&M Veteran-to-Executive Transition Program, serves a university hub dedicated to all matters of national security: military and interagency training; convening academic and practitioners on research priorities; and education. Floyd is also the director of the national security and foreign affairs e-internship program. She received her Ph.D. in Strategic Studies from S. Rajaratnam School of International Studies, Nanyang Technological University (Singapore). She holds an M.A. in War Studies from King's College London (United Kingdom) and a B.A. in Government from William & Mary. ■

## Symposium Speakers



### Admiral James G. Foggo

Admiral James G. Foggo is the Dean of the Center for Maritime Strategy. He is a 1981 graduate of the U.S. Naval Academy. Admiral Foggo is an Olmsted Scholar and Moreau Scholar, earning a Master of Public Administration at Harvard University and a Diplome d'Etudes from the University of Strasbourg, France. Following command of USS Oklahoma City, he would go on to command eight more times to include: Submarine Squadron 6; Submarine Group 8; Allied Submarines South; the U.S. 6th Fleet; Allied Striking and Support Forces NATO; Naval Forces Europe; Naval Forces Africa; and Allied Joint Forces Command (NATO). ■



### James Groves

James Groves is a leading educator in the field of sustainable development. In the classroom he engages with students across disciplines and educates them about sustainable energy systems. His overarching goal is to help "people and planet" avoid the worst impacts of humanity's ever-increasing hunger for "more power"!

James Groves' scholarly interests include a focus upon the impacts of climate change upon the mid-Atlantic region. He is currently developing an engineering ethics case study related to his local climate change research. He is also keenly interested in the people and planet impacts of using engineered materials for sustainable energy solutions. As society transitions to clean energy, will its thirst for the needed materials lead to new, devastating human and environmental impacts? ■

## Symposium Speakers



### Nicole Hutton

Nicole Hutton, Ph.D. is the Assistant Director of Engagement for Old Dominion University's Institute for Coastal Adaptation and Resilience and an Associate Professor of Geography in the Department of Political Science and Geography. Her research explores human-environment interactions across hazard types and emergency management stages. Shriners Hospital for Children had a transformational impact on her early life that resonates in her research with nonprofits and vulnerable populations in hazardous settings. She uses iterative participatory mapping processes to engage stakeholders in community resilience building and risk reduction prioritization activities. ■



### Kathleen T. Jabs

Kathleen T. Jabs serves as Special Assistant to the President for Military and Veteran Affairs at William & Mary. In her role she leads the Veteran-to-Executive (W&M VET) program and coordinates William & Mary efforts to attract military and veteran students, help them flourish as students, and support their progress throughout fulfilling careers. From 2019-2022, Kathleen served as Acting Secretary and Deputy Secretary of Veterans and Defense Affairs for the Commonwealth of Virginia where she worked to coordinate state and federal resources to support Virginia's military and veteran communities and liaison with federal defense facilities. A retired Navy Captain, Kathleen has more than 30 years of government, military and academic leadership and communications experience. A graduate of the US Naval Academy, she received an M.A. from University of Hawaii and University of New Hampshire and an MFA from George Mason University. ■

## Symposium Speakers



### Anne Jackson

Anne Jackson is a Sustainability and Building Performance Strategist in the Defense Mission Area at Noblis. She develops sustainability policy and leads strategic planning projects for the U.S. Department of Defense (DoD), including DoD's first annual Buildings Strategic Plan. She also develops new content supporting sustainable design and acquisition for the U.S. General Services Administration's Sustainable Facilities Tool (SFTool).

Before joining Noblis, Anne was Director of Sustainability and International Affairs at the American Public Works Association (APWA) where she focused on advocating for public works priorities to the federal governments in the U.S. and Canada, educating APWA members across the U.S. and Canada on the importance and impact of federal government policies and programs, and integrating sustainability and resilience principles into APWA's public policy priorities. As Sustainability Officer for

the Maryland Department of General Services, Anne implemented and managed the Department's Sustainability Program and reported on continuous performance improvement to StateStat, Governor Martin O'Malley's state government management accountability and efficiency program. As a Senior Associate for Perkins+Will, Anne managed design, architecture, and planning+strategies projects in the Corporate, Retail and Higher Education Market Sectors, as well as the LEED certification of 14 construction and renovation projects representing over 2.5 million square feet. ■

## Symposium Speakers



### Jon Derek Loftis

Dr. Derek Loftis is a Research Assistant Professor working in the Center for Coastal Resources Management and the Virginia Commonwealth Center for Recurrent Flooding Resiliency at the Virginia Institute of Marine Science (VIMS). Dr. Loftis' hydrodynamic modeling research at VIMS focuses on: (1) development of numerical simulations and flood forecasts for regions prone to flood damage, (2) validation of model accuracy using citizen science, remote sensing observations, and (3) engineering solutions to enhance adaptability to future flood events to protect human life and valuable infrastructural assets. Dr. Loftis teaches remote sensing and geographic information systems classes at the College of William & Mary, and he is the project lead and a developer of the hydrodynamic model used in the NIST-funded StormSense Project in the Greater Hampton Roads Region of Tidewater Virginia, an inundation

forecasting research initiative to enhance emergency preparedness for flooding resulting from storm surge. ■



### Teresa Longo

Teresa Longo is Associate Provost for International Affairs, Executive Director of the Reves Center for International Studies, and Professor of Hispanic Studies. She holds a PhD from the University of Wisconsin-Madison and an MA and BA from the University of Montana. Her scholarship focuses on the relationship between Latin America and the United States as it is articulated culturally. ■

## Symposium Speakers



### Molly Mitchell

Dr. Molly Mitchell is a Research Assistant Professor and Director of the Professional MA program at the Virginia Institute of Marine Science (VIMS). Her research focuses on shifts in coastal resources due to the interaction of sea level rise and human-driven changes. She works at the intersection of multiple disciplines, including projects involving ecology (marsh changes and blue carbon), physical dynamics (sea level rise trend analysis, shoreline geology) and human decision making (social vulnerability, sea level rise adaptation, adaptive management application). She works with representatives from many different groups (localities, state agencies, regional entities, and global organizations) to help translate research and current scientific understanding into practical recommendations. Dr. Mitchell is the co-lead for the World Climate Research Program's Safe Landing Lighthouse Activity's Sea Level Rise Working Group and was awarded a 2019 US CLIVAR Early Career Leadership Awards for her

climate change communication efforts. She received her Ph.D. and M.S. in Marine Science from VIMS, and her B.S. in Biology and Environmental Science from the College of William & Mary. ■



### Randall "Keith" Nelson

Mr. Randall Nelson, U.S. Coast Guard (Retired) has been the senior MOTR facilitator of the U.S. Global Maritime Operational Threat Response Coordination Center (GMCC) since October 2015.

Mr. Nelson served on active duty in the U.S. Coast Guard for 23 years, retiring in 2014. Coast Guard operational assignments included serving as Chief of Response and Enforcement Division Chief at Coast Guard Sector Miami, FL, Operations Officer onboard cutter's DALLAS and COURAGEOUS, and Deck Watch Officer onboard the cutter COWSLIP.

Mr. Nelson graduated from the United States Coast Guard Academy in 1991 with

## Symposium Speakers

a Bachelor of Science degree in Electrical Engineering. Mr. Nelson also earned a Master of Science degree in Electronics Engineering from the University of Washington in 1997. ■



### Ronald E. Neumann

Ronald E. Neumann is the President of the American Academy of Diplomacy, an organization of former senior US diplomats dedicated to improving American diplomacy. Neumann was Ambassador to Algeria (1994-97), Bahrain (2001-04), and Afghanistan (2005-07) as well as a Deputy Assistant Secretary of State for the Middle East and a senior officer in Iraq (2004-2005). Earlier he served in Senegal, the Gambia, Iran, Yemen, and the United Arab Emirates. He returned frequently to Afghanistan after his retirement in 2007. He is the author of *The Other War; Winning and Losing in Afghanistan* and *Three Embassies, Four Wars*: a personal memoir as well as numerous articles and book chapters. He was an infantry officer in Vietnam. ■



### Amy Oakes

Amy Oakes, Ph.D., is an Associate Professor in the Department of Government and Co-Director, Project on International Peace & Security (PIPS), Global Research Institute. Her research interests include the domestic causes of war and nuclear nonproliferation. Her work has appeared in Security Studies, Politics & Gender, International Journal, International Studies Quarterly, and Foreign Policy. Her book, *Diversionary War*, examines whether governments provoke international crises in response to domestic unrest and was published by Stanford University Press in the fall of 2012. In 2009-2010, she was a research fellow at the John F. Kennedy School of Government at Harvard University. And in 2012, she received W&M's Alumni Fellowship Award. ■

## Symposium Speakers



### Rear Admiral Ann Phillips

Rear Admiral Ann C. Phillips, US Navy (Ret.) was sworn in as the 20th Administrator for the Department of Transportation Maritime Administration on May 16, 2022. As head of the Maritime Administration, Phillips advises and assists the Secretary of Transportation on commercial maritime matters, to include the movement of goods, supply chain, as well as the U.S. maritime industry, environment and compliance, ports and waterways infrastructure, and strategic sealift. Prior to this appointment, Phillips served as the first Special Assistant to the Governor of Virginia for Coastal Adaptation and Protection, where she built a collaborative, whole of government and community approach to address the impact of coastal flooding across the Commonwealth, including the development of Virginia's first Coastal Resilience Master Plan. ■



### Krista Romita Grocholski

Krista Romita Grocholski, PhD (she/her) is a physical scientist at the RAND Corporation and has served as the program manager for the NOAA-funded Mid-Atlantic Climate Adaptation Partnership (formerly RISA) program for the past five years. Her work on climate adaptation and resilience includes developing decision- and user-centered climate data tools and incorporating climate projections into stormwater management and hazard mitigation planning processes. Prior to joining RAND, she completed her Ph.D. in observational astronomy at the University of Florida. Dr. Romita Grocholski received her M.S. in astronomy from the University of Florida and her B.A. in astronomy and physics from Vassar College. ■

## Symposium Speakers



### Katherine A. Rowe

Katherine A. Rowe began her tenure as William & Mary's 28th president on July 1, 2018. Under Rowe's leadership, W&M has advanced a whole-institution approach to learning, successfully closed its For the Bold campaign, and embarked on an ambitious strategic plan, Vision 2026. Rowe has cultivated cross-university initiatives including a central Entrepreneurship Hub, a Studio for Teaching & Learning Innovation, W&M's first Sustainability Plan and Climate Action Roadmap, realization of the university's long-planned Memorial to the Enslaved, a Veteran-to-Executive Transition program, an Institute for Integrative Conservation and a university-wide approach to diversity, equity and inclusion.

Rowe serves on numerous boards, including the Northern Virginia Technology Council and the Virginia Business and Higher Education Council Board. Previously, Rowe served at Smith

College as provost and dean of faculty. Rowe earned a bachelor's degree from Carleton College and a master's and a Ph.D. from Harvard. ■



### Rachel Sayers

Rachel Sayers is a Research Scientist at AidData's Research and Evaluation Unit, where she conducts impact evaluations on a number of development topics. She combines econometric and GIS analysis methods to design and conduct rigorous evaluations with an emphasis on causal identification. Her primary research interests are labor markets, human capital, household bargaining, and gender. She also co-created AidData's new [Gender Equity in Development](#) initiative, which focuses on bringing AidData's geospatial and research expertise to the gender space. Rachel holds a PhD in Economics from Duke University. ■

## Symposium Speakers



### Dennis Alcides Velazco Smith

Dennis Alcides Velazco Smith, Ph.D., is a Senior Lecturer in the Department of Government and Co-Director, Project on International Peace & Security (PIPS), Global Research Institute. His research interests include: strategic studies, coercion, and regime change. He has received several college level teaching awards, including: Phi Beta Kappa Alpha Chapter Award for Teaching Excellence (2023), Wren Society Faculty Recognition (2020), Seven Society Faculty Award for Teaching Excellence (2013), and Arts and Sciences Faculty Award for Teaching Excellence (2011). Smith received his B.A. in Political Science from the University of Missouri-Columbia in 1995 and his Ph.D. in Foreign Affairs from The University of Virginia in 2007. ■



### Sarah L. Stafford

Dr. Stafford is the Chair of the Economics Department and a Professor of Economics, Public Policy and Law at William & Mary. She earned a B.S. in Foreign Service from Georgetown University and an M.A. and Ph.D. in Economics from Johns Hopkins University. Dr. Stafford is the author of numerous peer-reviewed publications in economics, public policy and interdisciplinary journals as well as a number of articles in law reviews. Her current research focuses on examining the impacts of sea level rise on individuals, local communities, and government and helping those entities prepare for and adapt to their changing environment. ■

## Symposium Speakers



### CAPT Jennifer Stockwell

CAPT Jennifer Stockwell assumed duties as Commander, Sector Virginia in June 2022, after serving two years as Deputy Commander. As Sector Commander she leads 1,200 Coast Guardsmen and Auxiliary personnel, among three cutters, six small boat stations, three aids to navigation teams, and a Sector Field Office conducting all Coast Guard missions in Virginia waters and offshore. Her official authorities include Captain of the Port, Officer in Charge of Marine Inspection, Federal On Scene Coordinator, Federal Maritime Security Coordinator, and Search and Rescue Mission Coordinator. CAPT Stockwell is a 1998 graduate of the U.S. Coast Guard Academy, New London, CT with a Bachelor of Science in Marine and Environmental Sciences and earned a Master of Science in Chemical Engineering in 2002 from The Johns Hopkins University. Her field assignments include USCGC POLAR SEA as a Student Engineer, Marine Safety Office Corpus Christi as Chief of the Port Management

Department, Sector Southeastern New England as Chief of Inspections and Investigations, Sector Hampton Roads as the Assistant Chief of Inspections, and Sector San Francisco as Prevention Department Head. CAPT Stockwell's staff assignments include the Coast Guard Headquarters Office of Hazardous Materials Standards, Executive Assistant to the Deputy Commander of Coast Guard Atlantic Area, and most recently Chief of Inspections and Investigations as the Fifth Coast Guard District. She has responded to numerous major incidents, including Hurricane Gustav, Hurricane Katrina, Hurricane Rita, and Deepwater Horizon. ■



### Ann Vaughan

Ann Vaughan joined the Biden-Harris Administration in February, 2021 and works in USAID's Bureau for the Resilience and Food Security (RFS) as a Senior Advisor for Climate Change. Ann co-leads the implementation of the President's Emergency Plan for

## Symposium Speakers

Adaptation and Resilience (PREPARE), a whole of government initiative that aims to support more than half a billion people in developing countries to adapt to and manage the impacts of climate change by 2030. Prior to joining USAID, Ann worked at Mercy Corps, served as a field officer for USAID in Kandahar, Afghanistan, as a Congressional staffer working on foreign aid appropriations and as a Peace Corps Volunteer in Nicaragua. She has her Masters in International Development Studies from GWU and has an Undergraduate degree from the College of William & Mary. ■

University of Virginia and his PhD from the Johns Hopkins University. His first book, *Pursuit of Justices: Presidential Politics and the Selection of Supreme Court nominees*, won the 1999 Richard Neustadt prize as the best book published that year on the presidency. ■



### David A. Yalof

David A. Yalof is the Vice Provost for Academic Affairs at William & Mary. Prior to his arrival in Williamsburg this past January, he served as department head of political science at the University of Connecticut for nearly a decade. Dr. Yalof earned his B.A. and law degree from the

## INTRODUCING THE 2023

# Project on International Peace and Security (PIPS) Fellows and W&M Global Innovation Challenge



**Aaraj Vij**

*"Compartmentalization & Community Moderation: A Framework to Combat Disinformation and Extremism on Social Media"*



**Anna Glass**

*"The Binding Power of Pipelines: The Security Risks and Opportunities of Global Desalination Proliferation"*



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*"The Road to El Dorado: How Canadian Mining Exacerbates Violence in Latin America & Africa"*



**Lucy Shearer**

*"Russia's Handmaid's Tale: Pronatalism and the Erosion of female autonomy in Europe"*



**George Hague**

*WMGIC*

## AIDDATA

AidData works in data-poor environments where there is an unmet need for more rigorous evidence and clearer insights so that decision-makers can target resources with higher levels of precision and measure the impact of policies and investments. Over nearly two decades, AidData has successfully managed more than 90 grants and contracts worth more than US\$50 million in collaboration with multilateral organizations, U.S. government agencies, private foundations, and foreign governments. AidData also works to support, extend, and leverage the work of policy research organizations and government agencies in the Global South that are doing vital work to bring data and evidence to bear on the design and implementation of policies and programs.

## ARTS & SCIENCES

Arts & Sciences at William & Mary is essential to the institution's mission of educating and inspiring students of great talent and promise to prepare them to lead lives of principled achievement. It is the largest academic unit on campus. With 11 graduate programs and more than 40 undergraduate departments and interdisciplinary programs, Arts & Sciences is the home of William & Mary's liberal arts and sciences education. Fueled by curiosity, we embrace the uncertainty inherent in the creation of new knowledge.

## ASSOCIATION OF 1775

William & Mary alumni serve across the U.S. government and military, using their liberal arts education and relationships forged through William & Mary to make a difference. The Association of 1775 takes its name from the Revolutionary War service of our student ancestors, and Ao75 was originally chartered in 1992 by alumni of the College's Army Reserve Officer Training Corps (ROTC). The new Association of 1775 is about establishing a robust network of William & Mary alumni serving across the U.S. government, not just in the military. It is our affinity group, a community of people with two important things in common: a love of our alma mater, and a passion for service and leadership.

## CENTER FOR MILITARY TRANSITION

The Mason School of Business's Center for Military Transition (CMT) is building a ground-breaking program that is not only veteran-friendly and inclusive but truly empowering. The CMT is rapidly positioning itself to be the national leader in helping veterans transition into and succeed in high-level civilian management positions. Stated plainly, the CMT develops and empowers student veterans and active-duty personnel to reach their full potential as they transition to and ultimately succeed in executive-level civilian employment. The center's *raison d'être* seeks to connect experience, education, and opportunity by: supporting

the individual; shaping the Mason School community; and influencing the military transition environment broadly.

### **GLOBAL RESEARCH INSTITUTE**

William & Mary's Global Research Institute conducts applied research and creates partnerships to solve global problems. At GRI, student-faculty teams address contemporary challenges in development, human rights, health, security, technology, governance, and more. Our work ranges from big data analysis that informs policymakers to service-oriented projects that leverage rigorous research to help communities where they need it most. We take pride in solving problems requiring data that has not been collected and methods that have yet to be invented. Big ideas live here.

### **GRADUATE CAREER MANAGEMENT CENTER**

William & Mary's Graduate Career Management Center provides professional development services exclusively to Raymond A. Mason School of Business graduate students, partners, and alumni. We cultivate leaders who deliver value from day one—offering one-on-one guidance and the resources you need to land opportunities with the best organizations in business.

### **INSTITUTE FOR INTEGRATIVE CONSERVATION**

The Institute for Integrative Conservation (IIC) at William & Mary cultivates an inclusive community of creative thought-leaders to deliver timely, innovative solutions to the world's most pressing conservation challenges. A key aspect of this mission is to bring together partners with diverse perspectives, skillsets, and knowledge systems to design and implement integrative biodiversity conservation actions. We seek integrative solutions that attend to the entwined psychological, cultural, behavioral, social, and systemic aspects of our world; solutions that support human well-being while protecting ecosystems and the diversity of species within them. Learn more about [Integrative Conservation at the IIC](#).

### **MILITARY & VETERAN AFFAIRS**

The William & Mary Veteran-to-Executive (W&M VET) program led by the Special Assistant to the President for Military & Veteran Affairs, helps coordinate and support existing military and veteran programs across the university and forges connections with external partners across military commands, corporations, veteran executives, alumni, federal programs and other universities. Four W&M departments play a key role in sustaining and expanding military, veteran, and intelligence community connections, creating and enhancing programming for undergraduate and

graduate students, and providing comprehensive wellness programs focused on stress resilience and flourishing: the Whole of Government Center of Excellence, Office of Student Veteran Engagement, Center for Military Transition, and the McLeod Tyler Wellness Center.

### **MILITARY & VETERANS COUNSELING PROGRAM**

Created in partnership with the Virginia General Assembly and the Virginia Counseling Association, the *Military and Veterans Counseling (MVC)* program prepares graduates to meet the mental health needs of uniformed military personnel, veterans, and military-connected spouses and children. The *MVC* program is nationally accredited and represents the only military and veterans specialization for clinical mental health counseling in the nation, available as a brick-and-mortar or online masters degree.

### **CAREER DEVELOPMENT & PROFESSIONAL ENGAGEMENT**

The Office of Career Development & Professional Engagement is dedicated to helping students attain career readiness and alumni to be successful in their professional endeavors. Across the liberal arts experience, we support and work alongside students and alumni to identify individual skills and competencies, building connections with career paths.

As a key part of University Advancement, we connect with partners across the W&M community, fostering opportunities and expanding our reach nationally and globally. Our vision: William & Mary will lead in the preparation of lifelong learners equipped to navigate rapid change and thrive from their first job to their last.

### **OFFICE OF STUDENT VETERAN ENGAGEMENT**

The Office of Student Veteran Engagement serves as a one-stop shop for military and veteran students to find information and resources, facilitating their success and sense of belonging through campus and community partnerships. We seek to make William & Mary the premiere destination for military and veteran students seeking a highly selective higher education experience where they belong, and where their military experience provides a foundation for personal and professional success for all time coming.

### **PROJECT ON INTERNATIONAL PEACE AND SECURITY**

The Project on International Peace and Security (PIPS) is an undergraduate think tank at William & Mary where talented students craft novel policy solutions to emerging international security challenges. By engaging students in rigorous and creative foreign policy analysis, PIPS represents an innovative approach to undergraduate education, enabling students to interact with analysts and policymakers

in meaningful and influential ways. During the yearlong program six PIPS fellows identify international security challenges and develop original policy recommendations. Fellows are mentored by a broad network of scholars, policymakers, and military officers throughout the research and writing process.

### **PUBLIC POLICY PROGRAM**

W&M Public Policy is an interdisciplinary program grounded in economics, government, law, and quantitative analysis. Three degree tracks are available: BA in Public Policy for current undergraduate students; 5-year program (Bachelors + MPP) for current undergraduate students that allows them to earn a bachelors in any field and also a Master's in Public Policy; and a 2-year residential Master's in Public Policy (MPP). Students can combine the MPP with other graduate degree programs at the university, as well. Across all tracks, students develop subject-matter expertise and a strong foundation of analytical skills, which lead to excellent career placements in government agencies at the local, state, national, and international levels, and in the non-profit and private sectors.

### **REVES CENTER FOR INTERNATIONAL STUDIES**

The Reves Center for International Studies is the hub of globalization and global engagement at William & Mary and home of the Global Education Office and the Office of International Students, Scholars and Programs.

Established in 1989 with a gift from Wendy Reves in memory of her husband Emery, author of *The Anatomy of Peace*, the Reves Center supports and promotes the internationalization of learning, teaching, research and community involvement at the university.

Today, more than three decades since its founding, the Reves Center continues to enhance international education at William & Mary through programs for education abroad, international students and scholars, and global engagement across the university.

### **SOCIETY OF 1918**

Founded in 2018, on the occasion of the centennial celebration of the admission of women to William & Mary, the Society of 1918 is committed to growing the engagement, leadership and philanthropy of W&M women. In that same year, the Society created the Alumnae Initiatives Endowment (AIE) in support of this mission. In just 5 short years, membership in the Society has grown to nearly 600 women and AIE has grown to over \$5,000,000. The revenue

generation from the endowment is used to celebrate and empower W&M women through the provision of educational and networking programming bringing W&M women alumnae, faculty, staff and students together.

### THE VIRGINIA COASTAL POLICY CENTER (VCPC)

The Virginia Coastal Policy Center (VCPC) was established at William & Mary Law School in 2013. It provides science-based legal and policy analysis of ecological issues affecting the state's coastal resources, by offering education and advice to a host of Virginia's decision-makers, from government and military officials and legal scholars to non-profit and business leaders. VCPC students' highly diverse interactions beyond the borders of the legal community provide the framework for their efforts to solve complex coastal resource management issues that currently face Virginia and the nation.

### VIRGINIA INSTITUTE OF MARINE SCIENCE

VIMS: Science for the Bay, Impact for the World. William & Mary's Virginia Institute of Marine Science has a three-part mission to conduct research in coastal and ocean science, educate students and citizens, and provide advisory service to policymakers, industry, and the public. VIMS provides these services to Virginia, the nation, and the world. Focused on the intersection between land and sea,

VIMS is uniquely positioned to help society understand, mitigate, and adapt to our rapidly changing climate and its effects on the world's coastal resources. Visit our website, [vims.edu](http://vims.edu), to discover our many resilience tools, which include AdaptVA, U.S. sea-level report cards, and the Tidewatch flood-forecast mapping portal.

### W&M GLOBAL INNOVATION CHALLENGE

The William & Mary Global Innovation Challenge (WMGIC) is an undergraduate student-led organization that hosts premier case competitions. These events champion interdisciplinary collaboration, amplify the voices of the next generation of leaders, and mobilize young adults to tackle global issues. Through creative approaches, student participants develop solutions with real world applicability and impact.

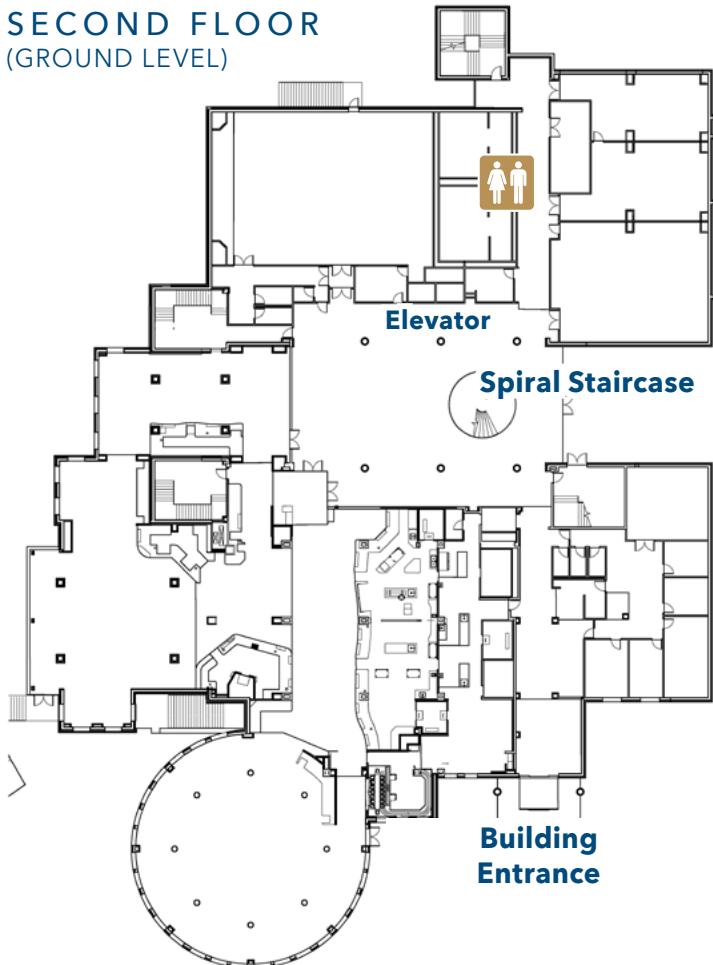
### WASHINGTON CENTER

The W&M Washington Center collaborates with faculty from departments and schools across the university to offer high-impact, experiential learning opportunities for students of all majors. The Center has grown to become W&M's "Campus in the City," running Study in D.C. academic experiences for almost 300 undergraduate students year-round, with a growing scholarship fund to support them. Study in D.C. programs feature opportunities for students to connect

with W&M's robust alumni network in the D.C.-area. Alumni offer students a chance to learn directly from topic-specific experts and serve as mentors, counseling students individually as they prepare for their own careers.

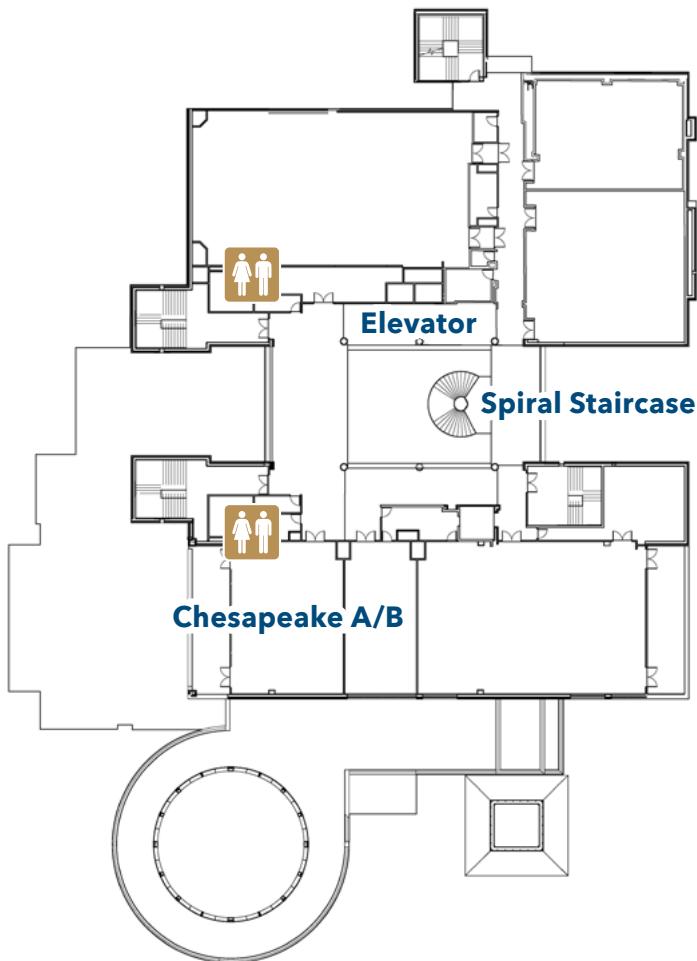
Together with many partners, the Center prepares students for life after W&M and provides a home for the entire W&M family.

## William & Mary Sadler Center



## William & Mary Sadler Center

### THIRD FLOOR



## ABOUT

# **Whole of Government Center of Excellence**

The William & Mary Whole of Government Center of Excellence serves as a convener of high-level discussions about how to ensure effective coordination among federal, state, and local levels of government as well as non-government stakeholders in responding to national security challenges. Our mission is to train a new generation of future leaders who have hands-on, practical experience working across the different organizational cultures. These leaders must be harmonized in order to facilitate true interagency collaboration – long before finding themselves forced to deal with such issues during a foreign deployment or national emergency.