NSF Business and Operations Advisory Committee
Member Biographies ~ 2024

Dr. Tilak Agerwala
IBM Emeritus and IBM Vice President (Retired)

Tilak Agerwala focuses on applying technology to advance social good, improve education, and accelerate discovery. He is Head of Innovation and STEM at the not-for-profit ed-tech startup Turn the Bus, Advisor to HekaCloud, Executive-in-Residence at Grove School of Engineering, City College of New York, Adjunct Associate Professor at Pace University, New York, Adjunct Professor at the National Institute for Advanced Studies, Bangalore.

In his IBM career spanning 35 years, Tilak held executive positions in research, strategy, advanced development, marketing, and business development. He was part of and led teams that developed and delivered leadership cyberinfrastructure technologies and supercomputers to industry, academia, and the national labs. As vice president of systems (2002 to 2013), he was responsible for IBM's research and advanced technology activities worldwide in future systems hardware and software technologies, including the BlueGene supercomputer. As vice president of Data-Centric Systems (2013-2014), his team established a new paradigm for scalable systems, leading to the delivery of the powerful supercomputer Summit to Oakridge National Lab.

Tilak is a member of the NSF Advisory Committee on Business and Operations and has served on the Engineering and Advanced Cyber Infrastructure Advisory Committees. He was the 2019 Dr. S. Radhakrishnan Chair Visiting Professor at the National Institute of Advanced Studies, Bangalore, India. Tilak is a Life Fellow of the IEEE and a recipient of the W. Wallace McDowell Award from the IEEE Computer Society. He has a Bachelor of Technology in electrical engineering from the Indian Institute of Technology, Kanpur, India, and a Ph.D. in electrical engineering from Johns Hopkins University. From 1975-78, he was assistant professor of Electrical Engineering at the University of Texas, Austin.

Dr. Benjamin L. Brown
Director, Facilities Division, Advanced Scientific Computing Research
U.S. Department of Energy, Office of Science

Dr. Benjamin (Ben) Brown is the Director of the Facilities Division in the Office of Advanced Scientific Computing Research (ASCR). The Division leads and executes the conception, construction, and operation of DOE's world-leading research supercomputing, data, and networking infrastructure to enable the DOE mission and the national research enterprise. The Division's $620M (FY 2022) budget is devoted to operations and major upgrade projects at each of the ASCR Facilities: the Argonne Leadership Computing Facility, the Oak Ridge Leadership Computing Facility, the National Energy Research Supercomputing Center, and the Energy Sciences Network. As Director, Ben leads strategic planning, budget formulation, and operational oversight of these strategic national resources. Ben has extensive knowledge and expertise in policy development and analysis related to large scale scientific research infrastructure and project management. A common focus in each of these roles is the strategic advancement of science and the DOE mission through cross-institutional knowledge-sharing, strategic planning, and partnership development. He is a member of the federal Senior Executive Service.

Immediately prior to joining the Office of Science in 2008, Ben worked on energy and climate policy in the U.S. Senate as an American Association for the Advancement of Science (AAAS) Congressional Fellow. Ben is a physicist with experience working in U.S. government laboratories and academic institutions in both the U.S. and U.K; his research focused on optical control of quantum systems and quantum information science. He received his Ph.D. in optics from the University of Rochester and his bachelor's degree in physics from Harvard University.

Dr. Shawn Brown
Director, Pittsburgh Supercomputing Center
Vice Chancellor for Research Computing, University of Pittsburgh

Dr. Shawn T. Brown is the Vice Chancellor for Research Computing at the University of Pittsburgh and the Director of Pittsburgh Supercomputing Center at the Carnegie Mellon University & University of Pittsburgh. Prior to his appointment, Dr. Brown served as the Associate Director of Research Software Development at the McGill Centre of Integrative Neuroscience at the McGill Neurological Institute. Dr. Brown is an expert on high-performance computing and computational simulation. He has over 25 years of experience in developing software to support the use of high-performance computing for research in areas such as chemistry, bioinformatics, and public health. His research interests are also focused on how agent-based modeling and other computational techniques can be used to provide decision support in public health and chronic disease. He received his PhD. in theoretical chemistry from the University of Georgia and his Bachelor of Chemistry at Bethany College.

Immediately prior to joining the Office of Science in 2008, Ben worked on energy and climate policy in the U.S. Senate as an American Association for the Advancement of Science (AAAS) Congressional Fellow. Ben is a physicist with experience working in U.S. government laboratories and academic institutions in both the U.S. and U.K; his research focused on optical control of quantum systems and quantum information science. He received his Ph.D. in optics from the University of Rochester and his bachelor's degree in physics from Harvard University.

Ms. Kathleen Dahlberg
Chief Executive Officer
Galileo Group International, Inc.

Kathleen Dahlberg has over 35 years of executive experience leading technology initiatives delivering measurable improvements and creating business opportunities. She achieved these results with start-ups and Fortune 500 international companies. This included business model creation, funding and cost management; and delivering technology investment returns. Kathleen has led the definition and design of new technologies and brought them to market as industry-wide products.

Ms. Dahlberg served as Vice President McDonalds Worldwide Restaurant Solutions creating and launching the next generation of store technologies 2002 - 2004. She served as Vice President - e-business at BP Amoco from 1997 to 2001 where she led e-business ventures and development for the world's third-largest energy company. Ms. Dahlberg was Chief Information Officer and Vice President Downstream systems and system operations US and Internationally for BP Amoco. She also served as Vice President of Advanced Technologies at Viacom International, and from 1987 to 1996 Ms. Dahlberg was with Burger King Corporation where she held a series of senior executive positions including Vice President of Business Transformation, Vice President of Strategic Planning and Reporting, and Vice President of Worldwide Retail Systems.

Ms. Dahlberg has provided strategic technology services for new technologies, businesses leveraging technologies and acted as project assurance/risk partner. This includes the creation and eventual sale of Global One Ventures (G1 Surgeries - ultimately sold to SMS and Optum Healthcare. Advice services for GHRA in Houston, Zebra Technologies, Sesame Street/Children's Network, International Paper, WW Grainger, Career Education Corporation, T-Mobile, and Dohman Pharmaceuticals.

Kathleen has served on the Board of Directors for P. H. Glatfelter (GLT) and Theragenics (TGX) and Chairperson for Governance Committees, and member of Audit and Compensation Committees. For young companies, she was a board member of Vmeals (Vice-Chairman),and Silas Technology.

Ms. Dahlberg holds a BS in Communications Consultancy, Oklahoma State University, and a MSM in Management, Aurora University with advanced management and board work with Harvard, Stanford and University of Chicago focusing on governance, risk management and oversight.

Ms. Irene Kariampuzha
Deputy Director, Museum Operations
National Museum of American History
Smithsonian Institution

Irene Kariampuzha has been with the Smithsonian Institution for over 10 years. She has been with the Smithsonian's National Museum of American History since 2018, first as an associate director overseeing budget, finance, procurement, human resources, business programs, facility planning and operations, safety, internships and fellowships, and information technology. In her current role since 2023 as the Museum's Deputy Director of Museum Operations, she oversees the administrative and operational functions of the museum, which includes her previous responsibilities plus visitor services, project management and exhibit design and production services. She also serves on Smithsonian committees that look at improving various HR and financial processes and procedures. She managed the museum's response to the pandemic, including the implementation of telework and hybrid work and coordination of teams within the museum to meet safety, health, and reopening requirements. In addition, Irene serves as a member of the board for the Smithsonian Early Education Center.
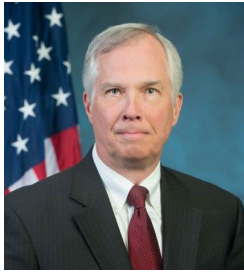
Prior to her role at the National Museum of American History, Irene was an associate director in Smithsonian's Office of Planning, Management and Budget. In that role, she formulated and managed Smithsonian's central trust (non-federal) budget and fundraising campaign budget, which includes revenue sources from the Smithsonian endowment, gifts, grants, contracts, and net gain from businesses. She developed the Institution's annual budget plan and quarterly reports presented to the finance committee of the Board of Regents. Irene also managed the Smithsonian Directives process and the efforts of the Directives Review Council, which wrote, reviewed and revised Smithsonian policy directives.

Irene also served as a program examiner for the Science and Space Programs branch at the White House Office of Management and Budget (OMB) for 10 years. She examined policy, federal budget, management, legislative and regulatory matters for the National Aeronautics and Space Administration, White House Office of Science and Technology Policy (OSTP), Smithsonian Institution, National Endowment for the Humanities, National Endowment for the Arts, U.S. Holocaust Memorial Museum, Woodrow Wilson International Center for Scholars, U.S. Commission of Fine Arts, National Capital Planning Commission, and several small scholarship foundations over her time there. She also detailed as the examiner for the National Science Foundation (NSF) and was detailed to NSF's Office of Budget, Finance and Award Management. Irene coordinated and analyzed government-wide research and development and arts and cultural funding and policy issues within OMB and worked on those efforts with the White House Domestic Policy Council and OSTP. Irene represented OMB on various National Science and Technology Council subcommittees.

She began her career at RAND as a research assistant for the Science and Technology Policy Institute, analyzing quantitative and qualitative R&D data for OSTP and other federal R&D agencies to inform U.S. science and technology policy.

Irene has her B.S. in Chemistry from Duquesne University and her M.A. in International Science and Technology Policy from The George Washington University.

Mr. Larry Koskinen
Retired Federal Executive
Consultant on Enterprise Risk Management

Larry Koskinen has served the public interest for more than forty-five years through executive positions in the federal government, commercial professional services firms, and non-profit organizations—both within the United States and abroad. He currently consults with the Government and Public Sector Enterprise Risk Management practice at Deloitte.

He is a retired member of the Federal Senior Executive Service most recently serving as Chief Risk Officer at the United States Department of Housing and Urban Development, where he led HUD's departmental enterprise and fraud risk management programs. During his tenure HUD earned a positive reputation for innovative approaches to the use of advanced data analytics and computational linguistics to identify, understand and remediate program and administrative control weaknesses. In 2021 he was inducted into the Association of Federal Enterprise Risk Management Hall of Fame.

Prior to standing up the Office of the Chief Risk Officer at HUD Koskinen led the Business Transformation Team for NewCore, HUD's administrative shared services partnership with the Treasury Department Administrative Resource Center, and, at the invitation of the United States Office of Management and Budget, led the project team that drafted the government-wide playbook for federal shared services adoption. Prior to joining HUD, he served as an executive in the federal Inspector General community, managing data analytics, finance, human capital, information technology, strategic planning and support operations at the Treasury Inspector General for Tax Administration and the U.S. Postal Service Office of Inspector General. He has been involved in multiple federal-level government reform efforts, notably the Reagan-era Grace Commission, and the Clinton-era National Performance Review.

Koskinen was a Vice President at the non-profit Council for Excellence in Government (programs of which are now absorbed into the non-profit Partnership for Public Service), and a Vice President at the international development consultancy Development Alternatives, Inc. Prior to that he was Director of Administration and Finance at the non-profit Regional Environmental Center for Central and Eastern Europe in Budapest. He was Management Officer for Peace Corps International Operations and also Chief Business Architect. He served as a Peace Corps Volunteer in the Philippines.

Dr. James Martin, II, Ph.D., M. ASCE
Vice Chancellor for STEM Research and Innovation
University of Pittsburgh

James R. Martin, II, is Vice Chancellor for STEM Research and Innovation at the University of Pittsburgh, where he drives transformative initiatives ranging from the university's core STEM landscape to regional campuses. Focused on enhancing Pitt's $1.3 billion research portfolio and expanding STEM access, he leads collaborations to spawn new research growth, builds innovation ecosystems, and connects rural areas to city centers via urban-rural research bridges. As a senior advisor and thought leader, he influences national action from the White House to major funding agencies to think tanks. Locally, he is a board member for Pittsburgh Water and Sewer Authority and was a foundational advisor for Neighborhood 91 at Pittsburgh International Airport.

Before assuming his current role, Dr. Martin served as U.S. Steel Dean of Engineering at Pittsburgh. Under his leadership, the Swanson School of Engineering achieved unprecedented milestones, including record research expenditures, PhD students, first-year enrollments, faculty and student diversity, retention, graduation rates, annual giving participation rates, and novel industry and government

partnerships, including national labs. He played a pivotal role in the university's COVID-19 response, co-chairing the central task force with the provost.

Prior to Pittsburgh, Dr. Martin served as the Bob Benmosche Professor and Chair of the Glenn Department of Civil Engineering at Clemson University. His leadership resulted in the development of new curricula and degree programs, record research growth, and innovative partnerships with industry. He chaired the strategic plan for the engineering college, advocating for expansion of regional innovation campuses, and served as founding director of the Risk Engineering and Systems Analytics Institute (RESA), a pioneering collaboration between academia and industry.

Preceding Clemson, Dr. Martin served over two decades at Virginia Tech as a professor of civil engineering and six years as a university center director. He built an international reputation in geotechnical earthquake and risk engineering, creating major impacts on national building codes. Leading global teams following major earthquakes, Martin led field studies in Turkey, Japan, and the U.S., and served as director of the Disaster Risk Management Institute. He played a foundational role in broadening participation and expanding diversity across the College of Engineering, serving nearly a decade as co-leader of an NSF-sponsored URM program. As an internationally recognized expert, he has served as consultant to nearly 100 different firms and government agencies worldwide on major infrastructure projects.

Dr. Martin received a B.S. in civil engineering from The Citadel, and earned his M.S. and Ph.D. in civil engineering from Virginia Tech. He has received numerous national, state, and university awards for research, teaching, scholarship, and service, including the American Society of Civil Engineer's Norman Medal, the highest honor for published work in his field. He was inducted into Virginia Tech's Civil Engineering Department's Academy of Distinguished Alumni in 2015. His dedication to broadening participation, fostering innovative collaborations, and regional engagement continues to shape STEM education, research, and innovation.

Mr. David Mayo
Senior Director for Research Administration
California Institute of Technology

David Mayo is the Senior Director for Research Administration at the California Institute of Technology. In this capacity he is responsible for pre-award and post-award non-financial services supporting $422M in research awards annually. David is directly responsible for review and interpretation of existing and emerging government policies and regulations, development of institutional policies and procedures, and development and implementation of training programs for campus staff in the area of research administration. Prior to his appointment at Caltech in 2002, David led the pre-award office at the University of California, Santa Barbara, where he worked in research administration in various capacities since 1981.

David has been a member of his professional association, the National Council of University Research Administrators (NCURA) since 1988. David served as NCURA President in 2008, received its *Distinguished Service Award* in 2009, and received NCURA's highest honor in 2012, the *Outstanding Achievement in Research Administration Award.* David has served on numerous NCURA working groups and committees. He is a content creator for NCURA's on-line and in-person training programs, as well as a frequent presenter at its national and regional conferences on topics such as: federal and industry contracting, regulatory compliance, subcontracting, subrecipient monitoring and award management. David currently participates in the Federal Demonstration Partnership and is a member of its Subawards and Contracts Subcommittees. David also participates in the Council on Governmental Relations as a member of its COVID-19 Federal Award Impact Workgroup.

Dr. Joseph P. Mitchell, III
Director of Strategic Initiatives
National Academy of Public Administration

Joe Mitchell is Director of Strategic Initiatives at the National Academy of Public Administration—an independent, nonpartisan, and nonprofit organization chartered by the U.S. Congress to improve government performance. In this role, Dr. Mitchell leads the organization's Grand Challenges in Public Administration program, which is identifying and developing ways to address the most challenging issues facing government today. He also advances cutting edge thought leadership and develops partnerships with other good government groups, American universities, and universities in other countries.

Over the course of his career, he has worked with a wide range of federal cabinet departments and agencies to develop higher-performing organizations, implement organizational change, and strengthen human capital and teams. Most recently, he was at the General Services Administration to stand up its new Office of Shared Solutions and Performance Improvement within the Office of Government-wide Policy. As an Associate Director of this new office, he built and led a team to manage multi-functional and cross-agency projects and initiatives in support of the President's Management Agenda. His team established governance and accountability mechanisms for federal Cross-Agency Priority Goals, revamped performance.gov to become more user-friendly and provide additional information to the public, upgraded and expanded the White House Leadership Development Program and CXO Fellows program, provided technical and management support to the federal executive management councils, and established a procurement vehicle that federal agencies can use to acquire commercial software-as-a-service capabilities for their payroll and work schedule/leave management.

Previously, Dr. Mitchell led and managed the National Academy of Public Administration's organizational studies program, overseeing all of its congressionally-directed and agency-requested reviews and consulting engagements. He has served as project director for studies of the Government Publishing Office, the U.S. Senate Sergeant at Arms, the U.S. Agency for International Development, the National Park Service's Natural Resource Stewardship and Science Directorate, and the Natural Resources Conservation Service at the U.S. Department of Agriculture.

He holds a Ph.D. from the Virginia Polytechnic Institute and State University, a Master of International Public Policy from the Johns Hopkins University School of Advanced International Studies, a Master of Public Administration from the University of North Carolina at Charlotte, and a B.A. in History from the University of North Carolina at Wilmington. He is a member of Phi Kappa Phi, the national academic honor society; Pi Alpha Alpha, the national honor society for public affairs and administration; and the American Society for Public Administration.

Dr. Robert Nobles
Vice President for Research Administration
Emory University

Dr. Robert Nobles (DrPH, MPH) serves as the Vice President for Research Administration at Emory University. Within Emory Nobles leads the research administrative and compliance departments including Clinical Research, Environmental Health and Safety, Institutional Animal Care and Use Committee, Institutional Review Board, Research Administration – IT, Research Administration Services, Research Compliance and Regulatory Affairs, Research Grants and Contracts, Sponsored Programs, Strategic Operations and Training and Technology Transfer with more than 450 team members providing outstanding services that catalyze research and operational excellence. Daily, Nobles and team are responsible for providing the foundation for the research growth that Emory continues to experience while pursuing discovery. As an example of scope, in fiscal year 2020, Emory received nearly $895

million in total research funding awards. Of the overall total, $598.9 million came from federal research funding awards, led by the National Institutes of Health with $526.2 million. Emory researchers submitted 4,750 proposals to sponsors totaling $1.487 billion in 2021.

As the Vice President for Research Administration, Nobles promotes Emory's research growth through oversight and execution of a strategic direction and effective operations for research across Emory. Nobles works in tandem with senior leaders and faculty to ensure proactive, user-focused customer service; effective, metric-driven processes; and transparent communication, to further new and on-going research initiatives that comply with all regulatory requirements. Nobles also fosters the scholarly work of faculty, facilitates multidisciplinary initiatives, supports innovative technology-transfer and commercialization programs, and strives to increase funding support from all sources, while nurturing positive external relationships.

Nationally, Nobles serves as the Vice Chairperson on Board of Directors for Public Responsibility for Medicine & Research (PRIM&R), the Executive Committee for the Federal Demonstration Partnership (FDP), and a member of the National Science Foundation's (NSF) Advisory Committee for Business and Operations (Committee).

Prior to joining Emory University, Nobles served as the interim Vice Chancellor for Research and Associate Vice Chancellor for Research at the University of Tennessee, Knoxville, (UTK) with a faculty appointment in the Department of Public Health within the College of Education, Health, & Human Sciences. While at UTK, Nobles led efforts and oversaw research growth and compliance activities related to a UTK's quest to become a top 25 public research institution. Nobles also served as a sub-investigator on more than 10 community- based research projects focusing on adolescent health, and chaired national and local committees focusing on enhancing research culture. Before UTK, Nobles served as the research compliance officer and public health faculty member at both Texas A&M University and the University of Texas Health Science Center in Houston. In the public sector, Nobles served as a public health prevention specialist for the Centers for Disease Control and Prevention (CDC) and as a program manager for the state of Florida's Department of Public Health.

Nobles completed his Doctor of Public Health at the University of Texas Health Science Center in Houston with a triple major that included health policy & management, epidemiology, and health economics; and he received his master's in Public Health specializing in epidemiology, and a bachelor's degree in molecular biology from Florida A&M University. Nobles is an avid educator and has taught on the collegiate level since 2001 in the areas of environmental biology, anatomy and physiology, public administration, health policy and management, health care finance, ethics, epidemiology, and responsible conduct of research.

Mr. Ben Page
Senior Advisor to the Secretary for Implementation
Officer of the Secretary of Commerce

Ben is serving as a Senior Advisor to the Secretary of Commerce supporting implementation of Commerce's infrastructure and other large scale programs. In this capacity, he is coordinating cross department efforts to ensure successful implementation of these high priority initiatives and serving as the Department's liaison to the White House Infrastructure Implementation Taskforce.

From June of 2019 through the start of current detail assignment in Ben served as the Census bureau's chief financial officer. While at Census, Ben has oversaw efforts to secure and execute FY 2020 appropriations, provide acquisition support to the 2020 Decennial census, and improve the positions of the bureau in the annual financial statement audit. He implemented process changes and financial changes to ensure alignment of the operations of the Office of the Chief Financial Officer with program operations and the use of financial data to support enterprise business decisions.

Prior to joining the Census Bureau, Ben served as chief of the Commerce Branch at the U.S. Office of Management and Budget (OMB). At OMB, he worked with the Department of Commerce, Small Business Administration, Federal Communications Commission, and other related agencies to develop and execute the President's budget. In this capacity, he worked closely with White House policy councils, congressional stakeholders, and leadership at the Department of Commerce to develop and implement policy recommendations through the enactment of legislation, promulgating regulations, or taking administrative actions. In addition, his office at OMB was responsible for carrying out OMB's statutory responsibilities for spectrum management and advising the director on policy matters related to spectrum and telecommunications.

In his previous role at OMB, Ben served as an advisor to three different OMB directors.
His responsibilities included covering macro fiscal issues; working with the House Budget Committee covering science, space, and energy policy; and serving as a budget analyst responsible for national security and criminal justice issues. Ben received a bachelor of arts in public administration from the University of Tennessee and a master's in public policy from George Washington University.
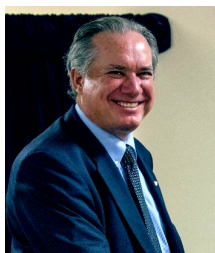
Dr. Gregory Parham
Senior Advisor
United States Department of Agriculture

Dr. Gregory Parham was employed by the United States Department of Agriculture (USDA) for more than 35 years and retired in 2017, after serving as an Assistant Secretary of Agriculture in the Obama administration. During his career, he was the recipient of Presidential Rank Awards for Distinguished and Meritorious Service. He subsequently completed the Advanced Leadership Initiative Fellowship at Harvard University. Recently, he returned to Federal service as a Senior Advisor at USDA.

Trained as a veterinarian, he began his Federal government career in the U. S. Public Health Service as a Commissioned Corps Officer at the Center for Disease Control in Atlanta, GA. After joining USDA in 1982 he worked for several agencies and became a career member of the Senior Executive Service, serving as the Administrator of the Animal and Plant Health Inspection Service. Dr. Parham is board certified in veterinary preventive medicine and holds a degree in administrative science from the Johns Hopkins University, as well as, degrees in veterinary medicine and microbiology from the Ohio State University.

Dr. Parham has two grown sons and one grandson and resides with his wife of 43 years in Mitchellville, MD.

Mr. Bill Valdez
President
Global Innovation Associates LLC

Bill Valdez is a recognized science and technology thought leader who has successfully led science and technology programs in the Federal government and made significant contributions to the effectiveness of government programs to deliver improved mission value to American taxpayers.

Bill retired from the Federal government in 2014 and became an adjunct faculty at American University's Key Leadership Program and began consulting with public and private sector organizations to provide strategic advice on a wide ranging set of issues, including science policy and government modernization/improvement.

Most recently, Bill was the President of the Senior Executives Association (SEA), where he focused on strengthening the Senior Executive Service (SES) through legislative and policy initiatives, building a leadership pipeline for the Executive Branch, working with a broad range of good government groups to modernize the civil service, and restoring a public service ethic to the Federal government.

Bill was a co-editor/author of the *Handbook of Federal Government Leadership and Administration: Transforming, Performing, and Innovating in a Complex World,* and was an author of the IBM Center for the Business of Government's recent report, *Preparing the Next Generation of Federal Leaders: Agency-Based Leadership Development Programs*.

His career with the Department of Energy spanned over 20 years and he held the positions of Director, DOE Office of Economic Impact; DOE's Chief Diversity Officer; Director of Business Services, Office of Energy Efficiency and Renewable Energy; and Director of Planning and Analysis, and Director for Workforce Development within DOE's Office of Science. During this time, Bill became expert in the both programmatic and policy development, along with the operational side of the house including HR, procurement and IT.

From 2005-2014 Bill was the Co-Chair of the Science of Science Policy Interagency Working Group. This IWG sparked a government-wide effort to understand the impact of Federal government S&T programs and to develop tools, data and analytical techniques that are in common use at Federal science agencies today. Agencies are also using those tools and data to provide Congress with better budget proposal analyses and to inform taxpayers about the important benefits S&T programs bring to our Nation.

In addition, Bill was a senior advisor at the White House Office of Science and Technology Policy (OSTP) in the 1990s. Bill was awarded the Presidential Rank Award (meritorious) in 2007 and was elected as a Fellow of the American Association for the Advancement of Science (AAAS) in 2006.

Prior to working at DOE, Bill worked as a Senior Project Manager in private industry where he provided strategic planning services to Asian and European multinational corporations. He also was a reporter in Austin, Texas.

Bill received a Bachelor of Arts from the University of Texas and his Master of Arts in International Economics and Energy Policy from the Johns Hopkins School of Advanced International Studies.

Ms. Barbara Endemano Walker
Director, Strategic Research Initiatives
Special Assistant to the Executive Vice Chancellor for Diversity Initiatives
UC Santa Barbara

Barbara Endemañ Walker serves as the Research Developement to the Director of Strategic Research Initiatives in the Office of Research, and the Special Assistant to the Executive Vice Chancellor for Diversity Initiatives at the University of California Santa Barbara. She is responsible for catalyzing research innovation and excellence through institutional strategic planning, mentoring and professional development activities with faculty members, and a portfolio of diversity and inclusion initiatives related to faculty development and research.

She leads national and state-wide projects that focus on broadening participation in higher education in the context of the research enterprise. Through the Center for Research, Excellence, and Diversity in Team Science (CREDITS), she oversees programs that increase the capacity for diverse science teams and provide tools for university leadership to enact institutional transformation. She also leads the California Alliance for Hispanic-Serving Social Science Advancement (CAHSSA)

which strengthens community-based research and public scholarship in the social sciences to align with the Hispanic-serving mission of the majority of institutions of higher education in California. In addition, she collaborates with the Hispanic Association of Colleges and Universities (HACU) on a project to address the challenge of improving Latinx graduate degree attainment in STEM through a national alliance among the community of HSIs.

Endemaño Walker's research and publications focus on broadening participation in higher education and STEM, the political ecology of marine resources, and gender and the environment. Her research has been funded by the National Science Foundation, the MacArthur Foundation, NOAA Sea Grant, the Social Science Research Council, and the Department of Education. Results of her research have been published in Gender Place and Culture; the Journal of Geography and Higher Education; Society and Natural Resources; PLOS ONE; and the Professional Geographer, among others. She was a founding board member and officer of the National Organization of Research Development Professionals (NORDP), and is a past council member and officer of the Alliance of Hispanic Serving Institution Educators (AHSIE). She received a Ph.D. and M.A. in Geography from UC Berkeley and a B.A. in Anthropology and African Studies from UCLA.

Ms. Maureen E. Wylie
Federal Chief Financial Officer (Retired)

Maureen Wylie currently serves on the Board of Directors for SquashWise, which focuses on academics, athletics, and opportunity for Baltimore's youth, as a part of the Squash and Education Alliance. She is also a member of the Partnership for Public Service Senior Advisors to Government Executives (SAGE) program.

Ms. Wylie served as Chief Financial Officer of the U.S. Nuclear Regulatory Commission from July 2014 to December 2019, when she retired and ended her nearly 35-year career in the federal government. She was responsible for all budgeting and financial management for the agency, as well as a critical leader for its Project Aim and Transformation efforts.

While at NRC, Ms. Wylie spear headed efforts to create authoritative data not just for financial management, but also for nuclear reactor and materials program management. She conducted multi-year business process change initiatives that transformed how the agency charged fees to licensees and made the application of data analytics possible. As a member of the government-wide Chief Financial Officers' Council, Ms. Wylie served as its representative on the Technology Business Management Executive Steering Committee (ESC), leading the first full adoption of information technology cost transparency in support of that Cross-Agency Priority (CAP) goal. She was also integral to the Financial Data Transformation (ESC), bringing together the Council's data and information efforts associated with several CAP goals and with efforts to improve transparency in budgeting, financial management, and performance goals.

She previously served as the Chief, Resource and Operations Management for the National Oceanic and Atmospheric Administration (NOAA) in the Department of Commerce from January 2012 through July 2014. She was the principal executive for all matters related to the NOAA's Corporate Services. Prior to that assignment, she also served as NOAA's Chief Financial Officer from 2004. During that period, she led financial management and budgeting for the largest bureau of the Commerce Department as it responded to increasing mission demands in its critical weather, satellites, and fisheries regulatory functions.

Ms. Wylie also served as the G8, Resources Army National Guard (ARNG), responsible for resource management for the Army National Guard from October 2001, capping nearly twenty years as a Department of the Army civilian in a variety of resource management, base realignment and closure, and

facilities management roles. Special assignments during this period included stints at HQ, US European Command J-5, the Congressional Research Service, and the House Armed Services Committee Staff.

A recipient of many awards while with the Army, including the Pace Award for leadership in 1994, she received a Distinguished Executive Presidential Rank Award in 2009 and the NOAA Administrator's award in 2011. Ms. Wylie is the recipient of the Association of Government Accountants 2020 Elmer Staats Award, which recognizes a federal leader who exemplifies excellence in government financial management, outstanding leadership, high ethical standards, and innovative management.

She began government service in 1985 as an Army Presidential Management Intern. Ms. Wylie graduated with honors from Rutgers University with a BA in Political Science in 1982, from Yale University with an MA in International Relations in 1984; and was a 1999 Distinguished Graduate of the Industrial College of the Armed Forces, with an MS in National Resource Strategy. She is also a member of the 1997 class of the Defense Leadership and Management Program and a 2003 graduate of the Federal Executive Institute.