



**Matt Hourihan**, Director, R&D Budget and Policy Program, AAAS



**Matt Hourihan** is the director of the R&D Budget and Policy Program for the American Association for the Advancement of Science (AAAS) since 2011, where he is a regular source of information and analyses on past, present, and future science budgets for policy makers and the science community. Before joining AAAS he served as a clean-energy policy analyst at the Information Technology and Innovation Foundation. Previously, he served as the Jan Schori Fellow at the Business Council for Sustainable Energy, a coalition of energy firms and utilities working to engage policy makers to use market-based solutions to generate sustainable energy development. He earned his master's degree in public policy with a focus on science and technology policy at George Mason University and a BA in journalism from Ithaca College.

**Frazier Benya**, Senior Program Officer, Committee on Women in Science, Engineering, and Medicine Policy and Global Affairs Division, the National Academies of Science, Engineering, and Medicine



Dr. Benya's work focuses on ensuring that science, engineering, and medicine are ethical and socially responsible, both in their practice and in who gets to participate in the work. She recently served as the study director for the National Academies consensus study report Sexual Harassment of Women: Climate, Culture, and Consequences in Academic Sciences, Engineering, and Medicine. Before joining the CWSEM staff, Dr. Benya worked with the National Academy of Engineering (NAE) from 2011 to 2017. Her work with the NAE focused on improving and enhancing engineering ethics education and on analyzing the pathways engineers take from education to the workforce. Dr. Benya holds a B.A with honors in Science, Technology and Society from the University of Puget Sound, and a M.A. in Bioethics and Ph.D. in History of Science, Technology, and Medicine from the University of Minnesota. Dr. Benya was elected a Fellow of the American Association for the Advancement of Sciences in 2017.

**Carrie D. Wolinetz**, Acting Chief of Staff and Associate Director for Science Policy, Office of the Director, National Institutes of Health (NIH)

**Dr. Wolinetz** is the Acting Chief of Staff, as well as the Associate Director for Science Policy and Director of the Office of Science Policy (OSP) at the National Institutes of Health (NIH). As leader of OSP, she advises the NIH Director on science policy matters of significance to

the agency, the research community, and the public, on a wide range of issues including human subjects protections, biosecurity, emerging biotechnologies, data sharing, the organization and management of NIH, and the innovation policies related to NIH-funded research. Prior to joining NIH, Dr. Wolinetz worked on biomedical research policy issues as the Deputy Director for Federal Affairs at the Association of American Universities (AAU) and the Director of Scientific Affairs and Public Relations at the Federation of American Societies for Experimental Biology (FASEB). She also served as the President of United for Medical Research, a leading NIH advocacy coalition. Outside of NIH, Dr. Wolinetz teaches as an Adjunct Assistant Professor at Georgetown University in the School of Foreign Service's program on Science, Technology & International Affairs. She has a BS in animal science from Cornell University, and she received her PhD in animal science from The Pennsylvania State University, where her area of research was reproductive physiology.

*Lynne Parker, Deputy United States Chief Technology Officer, The White House*



**Dr. Lynne Parker** is Deputy United States Chief Technology Officer at the White House Office of Science and Technology Policy, and also serves as Assistant Director for AI, leading national policy efforts in AI research, governance, and education and workforce training. Dr. Parker is a Professor of computer science at the University of Tennessee (UT) (on leave). She has held leadership positions at UT (Interim Dean), at the National Science Foundation (Division Director), and at Oak Ridge National Laboratory (Distinguished R&D Staff Member and Group Leader).

She received her PhD from MIT, and is a Fellow of AAAS and IEEE.

*Phil Bourne, Dean, School of Data Science, University of Virginia*

**Philip E. Bourne** is the Founding Dean of the School of Data Science and Professor of Biomedical Engineering.

From 2014-2017, Phil was the Associate Director for Data Science at the National Institutes of Health. In this role he led the Big Data to Knowledge Program, coordinating access to and analyzing biomedical research from across the globe and making it available to scientists and researchers. While there, he was also responsible for governance and strategic planning activities for data and knowledge management, and established multiple trainings in data science. He has done exceptional work to make biomedical research accessible, as well as to advance the field of data science.

Prior to his time at the NIH, Phil spent 20 years on the faculty at the University of California-San Diego, eventually becoming Associate Vice Chancellor of Innovation and Industrial Alliances. He is a highly respected and oft-cited scholar who brings a wealth of experience to UVA.

***Stephanie Adams, President, ASEE***



Dr. Stephanie G. Adams is the 5th Dean of the Eric Jonsson School of Engineering and Computer Science at the University of Texas, Dallas and President of the American Society of Engineering Education. Previously Dr. Adams served as the Dean of the Frank Batten College of Engineering and Technology at Old Dominion University (2016–2019), Department Head and Professor of Engineering Education at Virginia Tech (2011–2016) and held faculty and administrative positions at Virginia Commonwealth University (2008–2011) and the University of Nebraska-Lincoln (1998–2008).

Her research interests include: Broadening Participation, Faculty and Graduate Student Development, International/Global Education, Teamwork and Team Effectiveness, and Quality Control and Management. In 2003, she received the CAREER award from the Engineering Education and Centers Division of the National Science Foundation. Dr. Adams is a leader in the advancement and inclusion of all in science, technology, engineering, and mathematics (STEM) education. She has worked with a number of colleges and universities, government agencies and non-profit organizations on topics related to graduate education, mentoring, faculty development and diversifying STEM.

Dr. Adams is an honor graduate of North Carolina A&T State University, where she earned her BS in Mechanical Engineering, in 1988. In 1991, she was awarded the Master of Engineering degree in Systems Engineering from the University of Virginia. She received her Ph.D. in Interdisciplinary Engineering from Texas A&M University in 1998, where she concentrated on Industrial Engineering and Management.

***Dawn Tilbury, Assistant Director, Directorate for Engineering, National Science Foundation***



Dr. Tilbury leads NSF's Directorate for Engineering in its mission to support engineering research and education critical to the nation's future and fosters innovations to benefit society. The Engineering Directorate provides about 40 percent of the federal funding for fundamental research in engineering at academic institutions and distributes about 1,600 research awards each year. The Engineering Directorate also helps to advance NSF's Ten Big Ideas, including the Future of Work at the Human Technology Frontier, the Quantum Leap, and NSF INCLUDES. A professor at the University of Michigan since 1995, in both mechanical and electrical engineering, Dr. Tilbury has a background in systems and control engineering. She is the inaugural chair of the Robotics Steering Committee and served as an associate

dean for research in the College of Engineering. Dr. Tilbury retains her position with the University of Michigan and shall return after her term with NSF expires.

***Mike Shannon, Director, Office of Management Assessment, NIH***

**Mr. Michael (Mike) D. Shannon** is the Director of the National Institutes of Health (NIH), Office of Management Assessment (OMA), within the Office of the Director of the NIH. OMA provides expert advice to NIH leadership officials on program integrity, risk management, liaison with outside investigative/audit organizations, and several management support systems (policy, regulation, privacy, records, etc). OMA implements NIH-wide programs in each of these areas to preserve the public trust in NIH compliance, stewardship and accountability. Mr. Shannon joined the Senior Executive Service in 2016. His earlier assignments include Detainee Program Manager, Department of the Army, Deputy Director, Inspections, US Army Inspector General, Chief of the Office of Investigations and Internal Review, Department of Defense Education Activity. He holds a master's degree in public policy management and graduate certificate in forensic accounting from Georgetown University and a master's degree in public administration from the National University. Mike retired after 23 years from the United States Air Force Reserves as a counterintelligence officer, his last assignment was with the Joint Chiefs of Staff (J2). Mike is committed to safeguarding the resources and reputation of the NIH.

***Deborah Altenburg, Assistant Vice President for Research Advocacy and Policy, Association of Public and Land-Grant Universities***

Deborah Altenburg is the Assistant Vice President for Research Advocacy and Policy. She works with both the Office of Congressional and Governmental Affairs and the Office of Research, Innovation & STEM Policy to ensure integration and cohesiveness of APLU research advocacy.

to this role Deborah served as the Assistant Vice Chancellor for Federal Relations for The State University of New York (SUNY). In this position, she led federal research and policy advocacy efforts for the 64 campus SUNY System. She was also responsible for systemwide research development efforts within the Department of Defense, National Science Foundation, National Institutes of Health, and Department of Energy.

Deborah also previously served for 15 years as Director of Federal Relations for Rensselaer Polytechnic Institute (RPI). During her tenure at RPI she served a term as President of the Science Coalition and three-year term as a Board Member for the National Association of Independent Colleges and Universities (NAICU).

Deborah began her career in Washington, D.C. working for her hometown Congressman- United States Representative Sherwood Boehlert. Congressman Boehlert

served as Chairman of the House Science Committee. Deborah worked for Congressman Boehlert for over seven years rising to the position of Legislative Director.

Deborah received her Bachelor of Engineering in Biomedical Engineering from Vanderbilt University.

***Kelly Hochstetler, Director, Finance Outreach and Compliance, University of Virginia***

Kelly Hochstetler is Director, Finance Outreach and Compliance, at the University of Virginia (UVA). The overarching role for the office is to support and facilitate the University's research, education, service and patient care missions in compliance with regulatory requirements and ethical standards. Kelly has worked in higher education research, instruction, and compliance positions for more than 20 years during which she has developed and managed a variety of research compliance programs. In her current role, Kelly's responsibilities include oversight and coordination of UVA's export and sanctions compliance, controlled unclassified information safeguarding, and foreign influence programs. Kelly has a BA from Luther College and a PhD in biological sciences from the University of Alaska Fairbanks.