

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

National Science, Technology, and Security Roundtable

Speaker Biographies

Michael S. Lauer, MD, is the Deputy Director for Extramural Research at the National Institutes of Health (NIH), where he serves as the principal scientific leader and advisor to the Director of the NIH on all matters relating to the substance, quality, and effectiveness of the NIH extramural research program and administration. He received education and training at Rensselaer Polytechnic Institute, Albany Medical College, Harvard Medical School, Harvard School of Public Health, and the NHLBI's Framingham Heart Study. He spent 14 years at Cleveland Clinic as Professor of Medicine, Epidemiology, and Biostatistics. During his tenure at the Clinic, he led a federally funded internationally renowned clinical epidemiology program that applied big data from large-scale electronic health platforms to questions regarding the diagnosis and management of cardiovascular disease. From 2007 to 2015 he served as a Division Director at the National Heart, Lung, and Blood Institute (NHLBI), where promoted efforts to leverage big data infrastructure to enable high-efficiency population and clinical research and efforts to adopt a research funding culture that reflected data-driven policy. He has received numerous awards including the NIH Equal Employment Opportunity Award of the Year and the Arthur S. Flemming Award for Exceptional Federal Service in recognition of his efforts to grow a culture of learning and accountability.

Linda S. Lourie, JD, is the Assistant Director for Research and Technology Security at the White House Office of Science and Technology Policy (OSTP), where she leads implementation of the National Security Presidential Memorandum (NSPM)-33 on a National Security Strategy for U.S. Government-supported Research and Development, as well as matters involving the Committee on Foreign Investment in the United States (CFIUS), export controls, intellectual property, and technology transfer issues.

Prior to this position, Lourie was the Associate General Counsel (Acquisitions and Logistics) in the U.S. Department of Defense (DoD), where she provided legal guidance on CFIUS, Defense Production Act COVID-19 response, Artificial Intelligence, 5G, Trusted Capital, and international acquisition matters.

Lourie has previously served as the General Counsel of the Defense Innovation Unit (DIU); DoD Associate General Counsel (International Affairs); the first Director for Rule of Law at the U.S. Embassy in Islamabad, Pakistan; at the White House on the Presidential Task Force on Export Control Reform; at the Coalition Provisional Authority in Baghdad, Iraq; the U.S. Patent and Trademark Office; the World Intellectual Property Organization (WIPO) in Geneva, Switzerland; and private law firms.

Lourie received her A.B. cum laude in Fine Arts from Harvard University, her M.A. from NYU's Institute of Fine Arts in Medieval Islamic Art History, and her J.D. from the Benjamin N. Cardozo School of Law. She is a Life Member of the Council on Foreign Relations and has received numerous awards for her government service, including the Secretary of Defense Award for Exceptional Civilian Service.

Tobin Smith is Vice President for Science Policy & Global Affairs at the American Association of Universities. He oversees matters related to science and innovation policy, broader impacts of science, and AAU's international activities. He shares responsibility for matters concerning research costs and other regulatory and compliance issues, including facilities and administrative costs, export controls, scientific openness and security, public access to research results, and technology transfer. He also staffs the AAU Senior Research Officers (SRO) constituent group.

Smith previously worked as a federal relations representative for the University of Michigan and for MIT. He began his career on Capitol Hill as a legislative assistant to Congressman Bob Traxler (D-MI).

Smith serves on the Advisory Board of the International Network for Advancing and Evaluating the Societal Impact of Science (AESIS); is a member of the Council of Experts for the NSF sponsored Center for Advancing Research Impact in Society (ARIS); and is co-chair of Engaging Scientists in Engineers in Policy (ESEP), an ad hoc alliance of organizations focused on helping scientists and engineers to effectively engage in the policy making process at all levels of government.

Smith writes and speaks widely on issues of science policy. He is the co-author of a 2008 book on national science policy titled, *Beyond Sputnik – U.S. Science Policy in the 21st Century*. He is active in AAAS where he is honorific fellow and officer of the Societal Impacts of Science and Engineering section (Section X). He also serves as a member of the AAAS Committee on Science, Engineering and Public Policy (COSEPP).

Smith holds a Master's degree in Legislative Affairs from George Washington University, and a Bachelor's degree in General Studies (BGS) from the University of Michigan.