

Assessment of the SBIR and STTR Programs at DOE

Meeting of the Committee (July 23-24, 2024)

Biographies of Guest Speakers

In order of appearance

July 23 Open Session:

MARYANN FELDMAN

Maryann P. Feldman is the Watts Professor of Public Policy and Management at the Watts College of Public Service and Community Solutions at Arizona State University and research director at the Global Center for Technology Transfer. Feldman was the winner of the Global Award for Entrepreneurship Research for her contributions to the study of the geography of innovation, the commercialization of university research and the role of entrepreneurial activity in the formation of regional industry clusters. She received the Distinguished Scholar award from the Technology and Innovation Management division of the Academy of Management. Her recent research focuses on place-based economic development and the factors that promote economic restructuring and resilience. Feldman served as the co-chair of the congressionally mandated National Academies of Sciences, Engineering, and Medicine studies of the SBIR and STTR programs at the Department of Energy, National Institutes of Health, and National Science Foundation and currently co-chairs the studies of the programs at the Department of Defense and NASA. She also co-chairs the National Academies' Innovation Policy Forum. Feldman holds a PhD in economics and management from Carnegie Mellon University.

SCOTT STERN

Scott Stern is the David Sarnoff Professor of Management at the MIT Sloan School of Management. Stern explores how innovation and entrepreneurship differ from more traditional economic activities, and the consequences of these differences for strategy and policy. His research in the economics of innovation and entrepreneurship focuses on entrepreneurial strategy, innovation-driven entrepreneurial ecosystems, and innovation policy and management. Recent studies include the impact of clusters on entrepreneurship, the role of institutions in shaping the accumulation of scientific and technical knowledge, and the drivers and consequences of entrepreneurial strategy. In 2018, he joined the National Academies' Board on Science, Technology, and Economic Policy. He has additionally served and contributed to a number of National Academies committees, including The Future of Supercomputing (2004), Copyright in the Digital Era (2013), and An Assessment of ARPA-E (2017); he served as co-chair of consensus committees examining the SBIR and STTR programs at Department of Energy, National Institutes of Health, and National Science Foundation, respectively; and he currently co-chairs the studies of the SBIR and STTR programs at the Department of Defense and NASA. Stern holds a PhD in economics from Stanford University.

July 24 Open Session:

MANNY OLIVER

Manny Oliver has served as the Director of the SBIR/STTR Programs Office within the Department of Energy since 2010. During his tenure he has focused on streamlining the operation of the programs, working with the DOE National Labs to foster technology transfer, and improving commercialization outcomes. Prior to joining DOE, he spent 16 years leading applied R&D and technology commercialization efforts at Motorola. Oliver performed R&D in Li ion polymer batteries, biochips, haptics, wearable user interfaces and mobile surveillance and has received 17 U.S. patents. He previously served as an Assistant Professor in the Department of Materials Science and Engineering at MIT. He received both his BS and PhD degrees in materials science from the Massachusetts Institute of Technology.