DAVID TENNENHOUSE

Senior Advisor, National Science Foundation

David has a track record of driving innovation in multiple domains. He worked in academia, as a faculty member at MIT; in government, at DARPA and NSF; in industry at Intel, Amazon/A9.com, Microsoft and VMware; and as a partner in a venture capital firm.

At MIT, Dr. Tennenhouse led disruptive research related to software-based video, software radio and software-defined networks. In government and industry, he oversaw the strategic planning and execution of programs related to a wide range of technologies, including: data-intensive and cloud computing, AI/ML, semiconductors, networking, computer architecture, storage, digital assets and nano/bio-technology.

David holds Bachelor's and Master's degrees in Electrical Engineering from the University of Toronto and obtained his PhD at the University of Cambridge. He is a Fellow of the IEEE and a Fellow of the Canadian Academy of Engineering. In 2023, Dr Tennenhouse was awarded the National Academy of Engineering's Arthur M. Bueche Award, in recognition of his pioneering new approaches to industry / government / academic collaboration, including an innovative open collaborative research model and multiple public-private partnerships.