

Jason D. Averill



Jason D. Averill is Chief of the Materials and Structural Systems Division (MSSD) of the Engineering Laboratory (EL) at the National Institute of Standards and Technology (NIST).

Since joining the Engineering Laboratory in 1997, Mr. Averill has focused his research on making communities safer and more resilient to hazards.

Mr. Averill is a member of the American Society of Civil Engineers, has served on the International Code Council's Means of Egress Committee, the NFPA Life Safety Code Committee (Means of Egress), and was a member of the ASME A17 Task Group developing guidelines for Occupant and Firefighter Use of Elevators During Fire Emergencies.

In 2005, Mr. Averill received the U.S. Department of Commerce Gold Medal Award for Distinguished Achievement in the Federal Service for his work on the Federal Investigation of the Collapse of the World Trade Center Buildings. In 2011, Mr. Averill received the U.S. Department of Commerce Silver Medal for characterizing the deployment of firefighting resources and in 2004 received the U.S. Department of Commerce Bronze Medal Award for Superior Federal Service for research into the characterization of the performance of home smoke alarms

The Materials and Structural Systems Division serves as the world-class resource for developing and promoting the use of science-based tools – measurements, data, models, protocols, and reference standards – to enhance both the global competitiveness of U.S. industry through innovations in building materials and construction technology; and the safety, security, and resilience of the nation's buildings and physical infrastructure. In addition to NIST measurement science research, the Division is also responsible for managing three statutory programs, including the National Earthquake Hazard Reduction Program (for which NIST is the lead agency), the National Windstorm Impact Reduction Program (for which NIST is the lead agency), and the National Construction Safety Team Program.

Education

M.S. in Fire Protection Engineering from Worcester Polytechnic Institute

B.S. in Civil Engineering from Worcester Polytechnic Institute