Laurie E. Locascio

Dr. Laurie E. Locascio is the Acting Associate Director for Laboratory Programs (ADLP) at the National Institute of Standards and Technology (NIST). As Acting ADLP, she provides direction and operational guidance for NIST's scientific and technical mission-focused laboratory programs and serves as principal deputy to the Under Secretary of Commerce for Standards and Technology and NIST director, among other duties.

Dr. Locascio's current permanent position is director of the Material Measurement Laboratory (MML) at NIST. MML, one of seven research laboratories within NIST, has an annual budget of $175 million and nearly 1,000 federal employees and guest researchers from industry, universities, and foreign laboratories. MML provides a measurement science and standards infrastructure for the Nation's industries based in the biological, chemical and materials sciences, promoting U.S. innovation and industrial competitiveness in ways that enhance economic security and improve our quality of life. MML is a source of unbiased measurement standards, data, and cutting-edge methods and technologies that promote innovation, market readiness, and quality control in vital economic sectors.

MML develops measurement standards in the form of documented measurement methods and instrument calibrations, and coordinates the NIST-wide Standard Reference Material® and Standard Reference Data programs. MML provides more than 1,200 Standard Reference Materials that ensure the accuracy of millions of measurements vital for efficient manufacturing, acceptance of American-made goods in international markets, regulatory approval of new technologies and medical treatments, and consumer confidence.

Dr. Locascio previously served as chief of the Biochemical Sciences Division in the Material Measurement Laboratory. She has published more than 100 scientific papers and holds 11 patents in the fields of microfluidics, biosensors and sensor/flow systems. She is a Fellow of the American Chemical Society (ACS) and the American Institute for Medical and Biological Engineering (AIMBE). She received her doctorate in toxicology from the University of Maryland at Baltimore.

Education

Ph.D. in toxicology from the University of Maryland at Baltimore

M.Sc. in bioengineering from the University of Utah

B.Sc. in chemistry from James Madison University