



**MForesight National Summit**  
**“America’s New Manufacturing Moment”**  
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**Speaker Biography: Bruce Kramer**

Bruce Kramer is a graduate of the Massachusetts Institute of Technology (S.B., S.M. 1972, Ph.D. 1979). He served on the faculty of Mechanical Engineering at MIT from 1979 to 1985 and of George Washington University from 1985 to 1995. Since 1991, he has been at the National Science Foundation, as Program Director for Materials Processing and Manufacturing, Director of the Division of Design, Manufacture and Industrial Innovation, Director of the Division of Engineering Education and Centers, and coordinator of Nanoscale Science and Engineering Centers for the Directorate for Engineering. He is currently the Senior Advisor for Manufacturing in the Division of Civil, Mechanical and Manufacturing Innovation and the point of contact at the NSF for the National Advanced Manufacturing Program. He is the holder of three U.S. patents. Prior to this position, Dr. Kramer co-founded and was Director of Engineering of Zoom Technologies, Inc. of Boston, Massachusetts. Zoom Technologies was acquired by Gold Lion Holding Ltd. of China in 2009.

Dr. Kramer was conferred the rank of Fellow of the School of Engineering at the University of Tokyo in 2007. He has also been awarded the F.W. Taylor Medal of the International Institution for Production Engineering Research, the Blackall Award of the American Society of Mechanical Engineers and the R.F. Bunshah Medal of the International Conference on Metallurgical Coatings, all in recognition of outstanding contributions to the manufacturing research literature, and the Distinguished Service Award, the highest honorary award granted by the National Science Foundation. He is a fellow of the Society of Manufacturing Engineers.