
Elijah Kannatey-Asibu
Professor of Mechanical Engineering
Director of the Program in Manufacturing
College of Engineering



Elijah Kannatey-Asibu, Jr., received his B. Sc. in Mechanical Engineering from the University of Science and Technology, Kumasi, Ghana, in 1974 and Ph. D. in Mechanical Engineering from the University of California at Berkeley in 1980. He joined the GMI Engineering and Management Institute (now Kettering University) in 1980, and the Mechanical Engineering and Applied Mechanics Department at the University of Michigan in Ann Arbor in 1983. Elijah's research interests include:

- Multi-sensor monitoring of manufacturing processes
- Multiple-beam laser processing
- Acoustic emission investigation of manufacturing processes
- Micro-fabrication using femtosecond lasers.

He has served on several College of Engineering committees, including chairing the Faculty Rules Committee, 1995-96; member of the Library, Disciplinary, Freshman Counseling, and Faculty Admissions Committees; and also on the Cognate Panel of Faculty Grievance Review Board.

Elijah has also served as associate chair of the Mechanical Engineering Department; as chair of the Graduate Admissions and Financial Aid Committee of the Mechanical Engineering and Applied Mechanics Department; as associate director for education for the NSF ERC on Reconfigurable Manufacturing Systems; and as the director of the Program in Manufacturing.

He has been a reviewer for several ASME Journals as well as the National Science Foundation. He has been an associate technical editor of the *ASME Journal of Manufacturing Science and Engineering*, and served as Chair of the Executive Committee of the Manufacturing Engineering Division of ASME. He has authored one book on Principles of Laser Materials Processing, and published over 100 refereed articles in archival journals and conferences.

Elijah's honors and awards include:

- Harold Johnson Diversity Service Award, University of Michigan (UM), 2010
- Outreach and Diversity Award, College of Engineering, UM, 2009-2010
- Fellow, Society of Manufacturing Engineers, 2001
- Robert Caddell Memorial Award, University of Michigan (UM), 2000
- A. F. Davis Silver Medal Award, American Welding Society, 1998
- Excellence in Research Award, Department of Mechanical Engineering, UM, 1998
- Excellence in Service Award, Department of Mechanical Engineering, UM, 1997
- Fellow, American Society of Mechanical Engineers, 1995
- Best Paper Award, American Foundrymen Society, 1995
- ASME Blackall Machine Tool and Gage Award, 1986.