

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

John W. Miller, Ph.D., associate professor of electrical and computer engineering in the University of Michigan-Dearborn College of Engineering and Computer Science, retired from active faculty status on December 31, 2020.

Professor Miller received his B.S.E.E. (1968), M.S.E.E. (1971), M.S.E.S. (1976), and Ph.D. (1983) degrees from the University of Toledo. He joined the University of Michigan-Dearborn faculty as an associate professor in 1987. He was promoted to associate professor with tenure in 1992.

Professor Miller specialized in machine vision and techniques for high-speed image processing. He taught and developed several courses on circuits and electronics as well as software systems. Prior to joining the university, Professor Miller was a senior scientist responsible for the design and implementation of advanced machine vision systems within Owens-Illinois. During his time at the university, he published over 50 papers and book chapters on topics related to the use of vision systems for the characterization of small fibers, surface inspection, and verification and restoration of missing boundary segments in shattered glass display panels. Professor Miller also holds 25 U.S. patents in the areas of machine vision and plasma panel display devices. During his career, Professor Miller received multiple grants from the National Science Foundation, Ford, TRW, and the Cooke Corporation to support his research. He served on program development, assessment, and accreditation committees in the college and was a long-serving member of the College Curriculum Committee. Professor Miller was a member of the honor societies Tau Beta Pi, Eta Kappa Nu, and Sigma Xi, and is a life senior member of Institute of Electrical and Electronics Engineers (IEEE).

The Regents now salute this distinguished teacher and scholar by naming **John W. Miller, associate professor emeritus of electrical and computer engineering**.

Requested by:



Sally J. Churchill, J.D.
Vice President and Secretary of the University

March 2021