

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

Trevor N. Mudge, Ph.D., Bredt Family Professor of Engineering and professor of electrical engineering and computer science in the College of Engineering, retired from active faculty status on May 31, 2023.

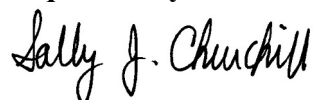
Professor Mudge received his B.Sc. degree (honors, 1969) in cybernetics from the University of Reading, England, and his M.S. (1973) in computer science and his Ph.D. (1977) in computer science degrees from the University of Illinois, Urbana-Champaign. Professor Mudge joined the University of Michigan faculty as an assistant professor in 1977, and was promoted to associate professor in 1983, and professor in 1991.

Professor Mudge's research made important contributions to computer architecture, programming languages, VLSI design, and computer vision. He recognized early that power consumption would become a first-class constraint for computing systems and developed a number of techniques to reduce the energy consumption of computer systems ranging from large datacenters to small portable system-on-chip designs. His contributions have greatly influenced both research literature and commercial products. He has authored over 400 technical papers, holds 45 patents, and has supervised 60 Ph.D. students.

Professor Mudge directed the Arm Research Center at Michigan (2006-2021). He is the recipient of the 2014 Distinguished Achievement Award from the University of Illinois Computer Science Department for his work to advance the field of low-power computer architecture and its interaction with technology. He is a recipient of the Michigan College of Engineering's Ted Kennedy Family Team Excellence Award, as well as the College's Research Excellence and Teaching Excellence Awards. He was awarded the ACM/IEEE Eckert-Mauchly Award which is widely viewed as the computer architecture community's most prestigious recognition. Professor Mudge is a fellow of the Institute of Electrical and Electronics Engineers (IEEE) and the Association for Computing Machinery (ACM).

The Regents now salute this distinguished faculty member by naming **Trevor N. Mudge, Bredt Family Professor Emeritus of Engineering and professor emeritus of electrical engineering and computer science**.

Requested by:



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

May 2023