

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

Kang G. Shin, Ph.D., Kevin and Nancy O'Connor Professor of Computer Science and professor of electrical engineering and computer science in the College of Engineering, retired active faculty status on December 31, 2025.

Professor Shin received his B.S. (1970) in electronics engineering from Seoul National University and his M.S. (1976) and Ph.D. (1978) in electrical engineering from Cornell University. He joined the Rensselaer Polytechnic Institute as an assistant professor in 1978. Professor Shin joined the University of Michigan faculty as an assistant professor in 1982, and was promoted to associate professor in 1984, and professor in 1987. He served as associate chair of CSE in the electrical engineering and computer science department from 1990-1994.


Professor Shin's career has focused on the integration of real-time embedded applications with physical systems. These research issues are often motivated by, and hence their results are applicable to, real-life systems such as autonomous cars and robots, smart phones and homes, smart connected communities, and human health and wellness.

Professor Shin established the Real-Time Computing Lab in 1985 and has served as the lab's director from that time until 2025. The lab has performed research in the areas of mobile wireless networking and computing, computation and network security and privacy, resilient and efficient cloud computing, and cyber-physical systems such as large-scale energy storage systems, ground and space vehicles, and low-power operating systems and networks. He has licensed some of his technologies to industry and served as an executive advisor for Samsung Research.

Professor Shin has authored over 1,000 technical papers and advised 93 Ph.D. students. He is the 2006 recipient of the Ho-Am Prize in Engineering, the highest honor in engineering and technology for Korean origin engineers and scholars. He 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 **Kang G. Shin, Kevin and Nancy O'Connor Professor Emeritus of Computer Science and professor emeritus of electrical engineering and computer science**.

Requested by:



Jon Kinsey
Vice President and Secretary of the University

February 2026