

# THE UNIVERSITY OF MICHIGAN

*Regents Communication*

Adopted by the Regents  
October 13, 2011

## ACTION REQUEST

**Subject: Report of Faculty Retirement**

**Action Requested: Adoption of Retirement Memoir**

**Kensall D. Wise, Ph.D.**, William Gould Dow Distinguished University Professor of Electrical Engineering and Computer Science, J. Reid and Polly Anderson Professor of Manufacturing Technology, professor of atmospheric, oceanic, and space sciences, professor of biomedical engineering, and professor of electrical engineering and computer science, College of Engineering, retired from active faculty status on May 31, 2011.

Professor Wise received his B.S.E.E degree from Purdue University in 1963, and his M.S.E.E. and Ph.D. degrees from Stanford University in 1964 and 1969, respectively. He joined the University of Michigan faculty as an assistant professor in 1974, and was promoted to associate professor in 1978, and professor in 1982. He was appointed J. Reid and Polly Anderson Professor of Manufacturing Technology in 1993, professor of biomedical engineering in 1997, William Gould Dow Distinguished University Professor of Electrical Engineering and Computer Science in 2002, and professor of atmospheric, oceanic, and space sciences in 2007.

Professor Wise is recognized worldwide as a pioneer in integrated sensors, MEMS, and microsystems. He and his graduate students developed the first pressure sensor with on-chip readout electronics, the first uncooled infrared detectors, and the first microhotplate gas detectors. He also played a leading role in the development of capacitive pressure sensors, micromachined cellular (neural) probes, and embedded microsystem features such as self-test, power management, and digital compensation. Professor Wise received the 1996 Columbus Prize "for an individual American who has improved...the world through ingenuity and innovation," the 1997 SRC Aristotle Award "for deep commitment to the educational experience of students," the 1999 IEEE Solid-State Circuits Field Award "for pioneering contributions to the development of solid-state sensors, circuits and integrated sensing systems," and the 2005 Michigan Emerging Industry Pioneer Award. In 2007, he held the Henry Russel Lectureship at the University of Michigan.

The Regents now salute this distinguished faculty member by naming **Kensall D. Wise William Gould Dow Distinguished University Professor Emeritus of Electrical Engineering and Computer Science, professor emeritus of atmospheric, oceanic, and space sciences, professor emeritus of biomedical engineering, and professor emeritus of electrical engineering and computer science.**

**Requested by:**



**Sally J. Churchill, J.D.**

**Vice President and Secretary of the University**

**October 2011**