**THE UNIVERSITY OF MICHIGAN**
**REGENTS COMMUNICATION**

Item for Information

**Subject:**     Henry Russel Lecturer for 2007

I am pleased to inform you that the Russel Awards Faculty Advisory Committee, chaired by Dean Janet A. Weiss, met recently and selected Kensall D. Wise, William Gould Dow Distinguished University Professor of Electrical Engineering and Computer Science, as the Henry Russel Lecturer for 2007. The Russel Lecture will be delivered by Professor Wise on March 13, 2007.

The Henry Russel Lectureship is the highest honor that the University bestows upon a senior member of its faculty. A description of the contributions of this extraordinary faculty member is attached.

Respectfully submitted:

Mary Sue Coleman
President

June 2006

Attachment

# Kensall D. Wise

Kensall D. Wise has earned world-wide recognition for his outstanding research and pioneering developments in the use of solid-state sensors and microsystems in health care, environmental monitoring, and industrial process control. Professor Wise is a leading authority in the area of sensor technology, as well as in the rapidly growing field of microelectromechanical systems (MEMS). Professor Wise is passionate about creating devices to improve human health and well-being; one of his most notable achievements is the cochlear implant used by the profoundly deaf. His research has and continues to inspire investigation spanning several disciplines. Professor Wise is renown for his productive collaborations with researchers in other disciplines. In the course of his career Professor Wise has never lost sight of the interconnectedness of advances in science and technology.

Professor Wise received his B.S. in Electrical Engineering from Purdue University in 1963, then his M.S. (1964) and Ph.D. (1969) in the same field from Stanford University. He continued on at Stanford as a research assistant and then research associate and lecturer, working on the development of integrated circuit technology and its application to solid-state sensors. In 1974, Professor Wise joined the University of Michigan faculty as an assistant professor in electrical engineering and computer science. He was named the J. Reid and Polly Anderson Professor of Manufacturing Technology in 1993 and in 2002 he was named the William Gould Dow Distinguished University Professor of Electrical Engineering and Computer Science. During Professor Wise's more than thirty years at the University of Michigan, he has served as director for a number of centers and programs. He founded and is currently director of the National Science Foundation Engineering Research Center in Wireless Integrated MicroSystems, a position he has held since 2000.

Professor Wise's contributions as an educator and mentor are as extraordinary as his professional accomplishments. His students praise his vision and creativity as a scientist, and say they appreciate his patience, humility and discipline as well as the enormity of his accomplishments. Professor Wise was named a Fellow of the Institute of Electrical and Electronic Engineers and is a member of the National Academy of Engineering. He was a recipient of the Stephen S. Attwood Award for Excellence in Engineering (1992) and the Distinguished Faculty Achievement Award (1995). In 1997 Professor Wise received the Aristotle Award from the Semiconductor Research Corporation, a consortium of some of the largest semiconductor and microelectronics companies in the world, for his deep commitment to the educational experience of students, emphasizing student advising and teaching through research.

His influence as an innovator in interdisciplinary research, as well as a teacher and mentor, make him an exceptionally worthy selection as the 2007 Henry Russel Lecturer.