

# THE UNIVERSITY OF MICHIGAN

*Regents Communication*

Adopted by the Regents

May 20, 2010

## ACTION REQUEST

**Subject: Report of Faculty Retirement**

**Action Requested: Adoption of Retirement Memoir**

**James W. Allen, Ph.D.**, Joaquin M. Luttinger Collegiate Professor of Physics and professor of physics in the College of Literature, Science, and the Arts, will retire from active faculty status on May 31, 2010.

Professor Allen received his B.S., M.S., and Ph.D. degrees from Stanford University in 1963, 1965, and 1968, respectively. He was a researcher at the Solid State Physics Group at the Massachusetts Institute of Technology from 1968-73 and at the Xerox Palo Alto Research Center General Science Laboratory from 1973-87. He joined the University of Michigan faculty as professor of physics in 1987, and was appointed the Joaquin M. Luttinger Collegiate Professor of Physics in 2004.

Professor Allen's scientific work has had a major impact on the field of solid-state physics. His experiments and expertise in electron spectroscopy helped to shape the development of the branch of physics known as "highly correlated electron systems." In contrast to the usual electronic materials that are described as Fermi liquids in terms of Landau quasiparticles, solids typified by the highly correlated motion of their electrons possess unique electronic, magnetic and transport properties. These highly correlated electron systems are more akin to the concept of Luttinger liquid, where features such as charge and spin separation and non-universal power-law singularities in the particle spectral functions give rise to novel and exotic forms of matter. Professor Allen's achievements have been recognized by his election as a Fellow of the American Physical Society (1990), and being awarded the Senior U.S. Science Award from the Alexander von Humboldt Foundation (1989) and the Frank Isakson Prize from the American Physical Society (2002).

The Regents now salute this distinguished teacher, scholar, and scientist by naming **James W. Allen professor emeritus of physics.**

**Requested by:**



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

**Vice President and Secretary of the University**

**May 2010**