

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

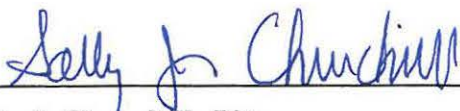
Lawrence W. Schneider, Ph.D., research professor, University of Michigan Transportation Research Institute (UMTRI) and research professor, Biomedical Engineering, College of Engineering, will retire from active faculty status on March 31, 2016.

Dr. Schneider received his B.S.E. (1965), M.S.E. (1966), and Ph.D. (1973) degrees from the University of Michigan. He joined the University of Michigan faculty as an assistant research scientist in 1973, and was promoted to associate research scientist in 1976, research scientist in 1982, senior research scientist in 1997, and research professor in 2003. He served as head of the UMTRI Biosciences Division from 1986-2011 and as associate director of UMTRI from 2010-2016.

Dr. Schneider's research focused on improving the design of motor vehicles, particularly occupant-restraint systems, through research on the biomechanics of crash-related injuries and anthropometry of vehicle occupants. He has been the principal investigator or key co-investigator of major research programs including: federally sponsored studies to define anthropometric specifications and improved design features of advanced crash-test dummies, industry sponsored studies to investigate how vehicle factors impact occupant positioning and posture, industry and federally sponsored programs to conduct in-depth crash investigations aimed at identifying emerging safety issues and to evaluate the performance of new occupant-protection technologies, and federally funded studies to study biomechanics of different types of injuries, including human response to impact loading and injury tolerance. Much of his research has focused on occupant protection and safety for vulnerable populations, and on providing safer transportation for people with disabilities seated in wheelchairs when traveling in motor vehicles. Dr. Schneider was associate director and then director of a ten-year federal grant for a Rehabilitation Engineering Research Center on Wheelchair Transportation Safety involving researchers at three universities, and played a pioneering role in the development of national and international standards aimed at improving transportation safety for wheelchair-seated occupants.

The Regents now salute this distinguished faculty member by naming **Lawrence W. Schneider, research professor emeritus, University of Michigan Transportation Research Institute and research professor emeritus, Biomedical Engineering.**

Requested by:



Sally J. Churchill, J.D.

Vice President and Secretary of the University

April 2016