

Adopted by the Regents  
May 19, 2011

THE UNIVERSITY OF MICHIGAN  
*Regents Communication*

**ACTION REQUEST**

**Subject: Report of Faculty Retirement**

**Action Requested: Adoption of Retirement Memoir**

**Stephen E. Kesler, Ph.D.**, professor of geological sciences in the College of Literature, Science, and the Arts, will retire from active faculty status on May 31, 2011.

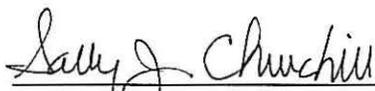
Professor Kesler received his B.Sc. degree from the University of North Carolina in 1962, and his Ph.D. degree from Stanford University in 1966. He was a faculty member at Louisiana State University (1966-70) and the University of Toronto (1970-77) before joining the University of Michigan faculty as a professor in 1977.

Professor Kesler's research focused on the formation of economically important mineral deposits. He was a pioneer in constraining the relationship between Mississippi Valley-type deposits and tectonic events that triggered fluid migration. His seminal work on the geochemistry of gases in fluid inclusions, which recognized the importance of the salinity of these fluid inclusions to the magmatic hydrothermal history of porphyry copper deposits, is now used in exploration. As one of the most collaborative faculty members in the Department of Geological Sciences, he co-authored papers with over 13 faculty colleagues. He published numerous journal articles and several books, including *Mineral Resources, Economics and the Environment*.

Professor Kesler taught undergraduate courses on mineral resources, energy and the environment, and on the geology of Michigan and advised more than 35 masters and doctoral students. He served as president of the Society of Economic Geologists in 1998, and was an editor of *Economic Geology* for more than 10 years. Professor Kesler served on the Horace H. Rackham School of Graduate Studies Executive Board from 1988-91, was associate chair of the Department of Geological Sciences from 1998-2007, and has served as chair of the department's Honors and Awards Committee since 2007. In 2007, Professor Kesler received the R.A.F. Penrose Gold Medal, the highest award of the Society of Economic Geologists.

The Regents now salute this distinguished teacher and researcher by naming **Stephen E. Kesler professor emeritus of geological sciences**.

**Requested by:**



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

**Vice President and Secretary of the University**

**May 2011**