

ARTHUR CRANE McFARLAN**1897-1985**

Arthur Crane McFarlan, former Director and State Geologist of Kentucky, died April 9, 1985, in Lexington, Kentucky, at the age of 87.

He is survived by his wife of 63 years, Gail (Parker) McFarlan, of 2023 Fontaine Road, Lexington, Kentucky; a daughter, Mary Beth Graves, of Lexington; two sisters; a brother; three grandchildren; and a great-grandchild. A son, Arthur Crane McFarlan, Jr., died in 1947.

Dr. McFarlan was born in Mansfield, Ohio, on May 7, 1897, the son of Reverend and Mrs. Frank G. McFarlan. He received the bachelor of science degree from the University of Cincinnati in 1919 and a doctorate from the University of Chicago in 1924.

He was employed by the University of Kentucky in 1923 and became head of the Geology Department in 1927, a position he held until his retirement in 1967. He was the second person to head the Geology Department, following Arthur McQuiston Miller who became department head in 1932. During his tenure at the University of Kentucky he served as Director and State Geologist of the Kentucky Bureau of Mineral and Topographic Survey from 1932 to 1934 and again as Director from 1948 to 1958 after the Bureau's name was changed to the Kentucky Geological Survey. He was the leading force in getting a statute passed which transferred the Kentucky Geological Survey from the State Capital to the University of Kentucky where its operations would be less affected by political changes. In 1952 he was honored by his colleagues at the University of Kentucky by being named Distinguished Professor of the year in the College of Arts and Sciences.

"Dr. Mac," as he was affectionately known by students, faculty, and fellow geologists, recognized field geology as an integral part of geological education and made this known by requiring extensive field courses in the curriculum for geology and by establishing a geology field camp for the University of Kentucky at Crested Butte, Colorado. To demonstrate his commitment to the camp, he spent most of his summers living and working with his students in remote areas of southwestern Colorado and other parts of the southern Rocky Mountains.

He was a prolific writer and publisher, having written or contributed to more than 50 articles, papers, and books about geology. He was a fellow of the Geological Society of America and a member of the Society of Economic Geologists and Mineralogists, American Association of Petroleum Geologists, Society of Sigma Xi, and the Geological Society of Kentucky, for which he served as president. Dr. McFarlan was elected to honorary membership in the Association of American State Geologists in 1959.

During Dr. McFarlan's tenure as Director of the Kentucky Geological Survey he was instrumental in initiating and completing a topographic mapping program for the entire State. At the completion of this program, Kentucky became the first state in the nation to have complete topographic coverage on 7.5-minute quadrangle maps at a scale of 1:24,000. The economic and educational impact of

this very farsighted program is obvious in the State today, and it is a tribute to his wisdom and genuine concern for his State.

His book, *Geology of Kentucky*, is still well known and much quoted today. His research and field work in the State over a 40-year period are attested to in the literature by the many rock formations and other geologic features with which he is credited with describing and naming. His main areas of geologic interest were stratigraphy and paleontologic investigations, especially the study of bryozoans.

Donald C. Haney
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