

1983 Engineer of Distinction



Ray Kinslow

B.S. Mathematics, TPI, 1937
M.S. Engineering Mechanics, Virginia Polytechnic Institute, 1953
LL.D., Harding College, 1972

Professor Emeritus of Engineering Science and Mechanics
Tennessee Technological University
Cookeville, Tennessee

Citation

Ray Kinslow received a baccalaureate degree in mathematics from Tennessee Polytechnic Institute in 1937. He began his professional career as an engineer with the U.S. Corps of Engineers in Vicksburg, Mississippi, 1937-43. He served as a physicist for Columbia University on the atomic bomb project at the War Research Laboratory in 1944, the same year he joined Carbide and Carbon Chemicals Corporation as an engineer where he served until 1946.

In 1946 Dr. Kinslow joined Tennessee Polytechnic Institute where he distinguished himself and the university for 31 years until his retirement in December 1977. During this period, he was a classroom instructor and departmental chairman (General Engineering; Engineering Science; and Engineering Science and Mechanics). He led the way in conducting research, directing more than \$500,000 of research projects and writing in excess of 50 technical reports and papers. He became world renowned in the area of hypervelocity impact, applying the techniques he perfected to a variety of problems, ranging from ballistics to meteoroid damage on space vehicles.

A registered professional engineer, Dr. Kinslow was widely sought as a consultant by such organizations as ARO, Inc., General Dynamics, NASA and the U.S. Army Missile Command. He is editor of the book entitled *High-Speed Impact Phenomena*, Academic Press, 1970. He authored "High-Speed Impact," *Encyclopaedia Dictionary of Physics*, Pergamon Press, London, 1969. He holds a patent for a vacuum tube fluxmeter.

Professor Kinslow was recipient of the Outstanding Research Award of the Southeastern Section of the American Society for Engineering Education in 1963. He won Tennessee Tech Sigma Xi Research Awards in 1969 and 1975. Harding College recognized his eminence in 1972 by awarding him an honorary LL.D. degree. He was recognized by his alma mater in 1981 with the Tennessee Tech Distinguished Alumni Award.

Throughout his professional career, Dr. Kinslow has been active in a number of professional/technical societies. He is also a member of the honorary societies of Tau Beta Pi, Phi Kappa Phi and Sigma Xi. He has been listed in several professional biographical citations, including *Who's Who in Engineer*, *American Men and Women of Science and Engineers of Distinction*.

Dr. Kinslow is a founding member of the Collegieside Church of Christ where he is one of the elders. He is a popular after-dinner speaker on a variety of topics such as Bible lands, travelogues around the world, engineering feats in biblical times and photography.



Dr. Kinslow receives his Engineer of Distinction citation from Dean Emeritus James Seay Brown



Past and present Engineers of Distinction Aubrey Wagner, '81; Don Nichols, '82; Ray Kinslow, '83; Ned Walters, '83; James Seay Brown, '81, pose together at 1983 E-week banquet