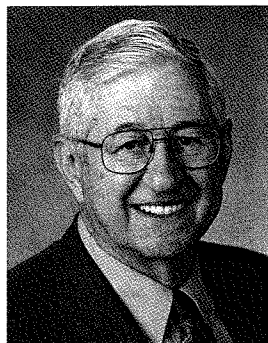


Biographical Sketch for *Daryle H. Busch*

Daryle H. Busch is the Roy A. Roberts Distinguished Professor of Chemistry at the University of Kansas, a position he has occupied since August of 1988. Previously he was a faculty member at The Ohio State University where he rose through the ranks from Assistant Professor (1954) to Presidential Professor (1987).



His research in basic transition metal coordination chemistry fathered modern macrocyclic ligand chemistry and created the molecular template effect. He was among the founders of the subject of ligand reactions and an early researcher and proponent of bioinorganic chemistry. He first described the phenomenon called *preorganization* in 1970. His research is presently focused on homogeneous catalysis, bioinorganic chemistry, and orderly molecular entanglements, a part of supramolecular and nanochemistry. Throughout his research career Busch has worked closely with industry and holds 11 patents joint with five major industrial companies, and 2 universities.

He received a B.A. from Southern Illinois University in 1951 and M.S. and Ph.D. degrees from the University of Illinois in 1952 and 1954. The ACS Award for Distinguished Service in Inorganic Chemistry (1976), the ACS Award for Research in Inorganic Chemistry (1963), the John C. Bailar Medal of his alma mater, the University of Illinois (1978), the Dwyer Medal of the Royal Society of N.S. Wales, Australia (1978), the Izatt-Christenson International Award for Macrocyclic Chemistry (1994), and the Basolo Medal of Northwestern University (planned for 2003) are among the recognitions of his research. Busch has contributed to all aspects of university education, having taught thousands of undergraduates, guided some 200 Ph.D. and postdoc researchers. In addition to the predominant research articles in his approximately 400 publications, Dr. Busch has written three text books, and numerous book chapters, articles, and reviews. His teaching has been recognized by the University of Kansas= Louis Byrd Graduate Educator Award (1996) and an Ohio State University Alumni Teaching Award (1980).

His service to the American Chemical Society includes the Chairs of the Local Sections in Columbus, Ohio, and the University of Kansas, General Chair of the 3rd Central

Regional Meeting, Chair of the Division of Inorganic Chemistry, and of its Bioinorganic Subdivision, Advisory Boards of the Office of Graduate Education and the Green Chemistry Institute and various committee assignments, including chairing the Society Committee on Education. He was recently Chair of the Chemistry Section of the American Association for the Advancement of Science and served the International Union for Pure and Applied Chemistry as Chair of the Commission on Inorganic Nomenclature and as Secretary of the Inorganic Chemistry Division Committee. He served in the Presidential Succession and on the Board of Directors of the American Chemical Society, and was President of the ACS in 2000. Professor Busch remains active in teaching, research and institutional development.