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Resume of James Woodrow Wilson, 1964

Wilson, James Woodrow

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RESUME OF JAMES WOODROW WILSON

James W. Wilson was born on 5 April 1916 in Commerce, Texas. He attended Stephen F. Austin State University where he majored in chemistry and minored in mathematics. He received the degree of Bachelor of Arts in June 1935. A year of teaching science and mathematics in the public school system followed.

He was admitted to the Engineering School of the University of Texas in 1936 and received the degree of Bachelor of Science in Chemical Engineering in 1939. Graduate study followed at Texas A&M where he served two years as a graduate assistant and one year as an instructor. The Master of Science degree in Chemical Engineering was awarded in 1941, with minors in mechanical engineering, physical chemistry, and mathematics. His research was done under the direction of Professor J. D. Lindsay and involved the design, testing, and evaluation of a modified Stedman distillation column.



In October 1942 he accepted a commission as Ensign, USNR, and served on active duty for four years. He was returned to inactive duty as a Lieutenant Commander, promoted to Commander, USNR, in 1956, and retired in that rank in 1969.

In September 1946 he was appointed Instructor in Chemical Engineering at Columbia University. He resigned in 1949 to join the faculty of the Naval Postgraduate School as Assistant Professor of Chemical Engineering. For 3 years he pursued graduate study during off-duty hours at the University of Maryland, completing all formal requirements for the Doctor of Philosophy degree except the dissertation. He was promoted to the rank of Professor in 1959. His research and academic interests have been chiefly in the fields of explosives, propellants, heat transmission and thermodynamics. In 1969-72, he voluntarily instructed part-time in the Mathematics Department, becoming a full-time member of that department in 1972.

He is a member of the American Institute of Chemical Engineers, American Chemical Society, Phi Lambda Upsilon, Alpha Chi, the Naval Reserve Association, and the Retired Officers Association. He was a councilman for the City of Del Rey Oaks, California, 1953-1974 and its Major from 1958-1966. Community service also included: member Board of Directors Sanitation District, 1958-1974; Board of Directors Association of Monterey Bay Area Governments, 1968-1974; President 1963-64 of Monterey Bay Division, League of California Cities.