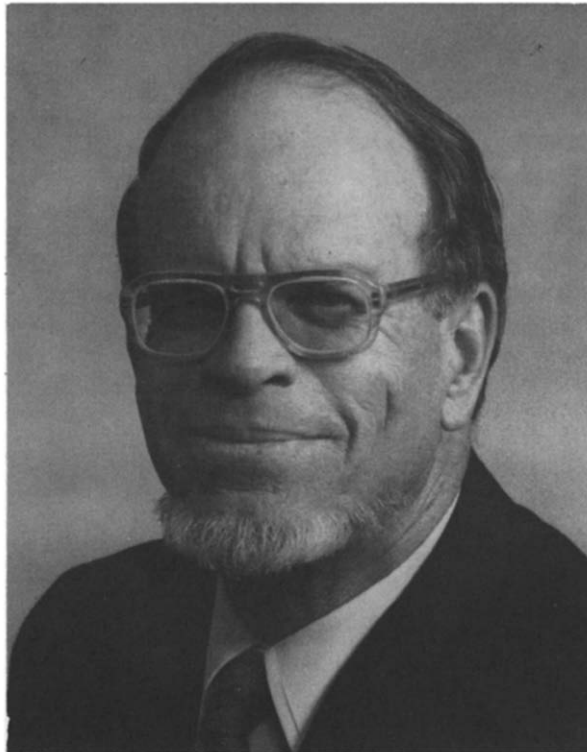


In Memoriam Dr Carl Gazley, Jr.



DR CARL GAZLEY, JR., a founding editor of the *International Journal of Heat and Mass Transfer*, died at his home in Red Bluff, California, on 14 December 1988.

The establishment of an international journal devoted to heat and mass transfer was originally proposed at a meeting of Robert Maxwell with Carl Gazley at the Rand Corporation in Santa Monica, California, in the fall of 1958. Thus it can truly be said that Carl Gazley was the initiating editor of the journal and his passing represents a milestone in its history.

Carl Gazley, Jr. was born on 7 August 1922. He completed a baccalaureate in chemical engineering from the University of Rochester in 1943, followed by a Master's degree in 1946 and a Ph.D. in 1948, both from the University of Delaware, in chemical engineering. Carl worked for a brief period at Lewis Laboratory, NACA (now NASA), Cleveland, during the mid-1940s and with the General Engineering Laboratory of General Electric Company from 1948 to 1952. From 1952 until his early retirement in 1978 Carl was with the Rand Corporation in Santa Monica.

Dr Gazley's early work involved research on combustion and diffusion flames and on interfacial shear in two-phase flows. At the Rand Corporation he specialized in the study of heat transfer and fluid mechanics as applied to meteor, missile and spacecraft re-entry, contributing many definitive research papers to the archival literature. Later he turned his attention to biofluid mechanics and to color vision.

Throughout his professional career Carl was always a leader, providing direction, inspiration and encouragement to his colleagues. He also had a keen interest in engineering education and held teaching positions at the University of California at Los Angeles and at Purdue University during his tenure at Rand.

After his retirement from Rand in 1982 Carl turned his attention to learning the use of wood working tools, and he applied this knowledge to the construction of a canoe. He also continued his interest in technology, developing considerable aptitude in the use of computers, including the knowledge of several computer languages and the application of computers to imaging. He also found time to be active in local and

national politics and last but not least he continued to pursue his interest in photography.

Carl was an active contributor to the Editorial Board of the *International Journal of Heat and Mass Transfer* from its inception until his retirement from the board in 1982. The journal has lost one of its key founding editors and the engineering profession has

lost a major contributor to the research literature. We have all lost a kind, gentle and talented colleague.

On behalf of the editors I offer condolences to his wife, Joy, and to his two sons, Eric and Laurence. We will all miss him.

J. P. HARTNETT