MEMORIAL RESOLUTION

RICHARD HALLENBECK EASTMAN
(1918 - 2000)

Richard Hallenbeck Eastman died at his home at 634 Alvarado Row on the Stanford campus on June 18, 2000 after a long and debilitating respiratory illness.

Eastman was born in Erie, Pennsylvania on October 30, 1918. He received his A.B. and M.S. degrees at Princeton in 1941 and 1943, then enrolled as a graduate student in the Department of Chemistry at Harvard, where he became the first graduate student of Nobel laureate Prof. Robert B. Woodward. He received his Ph.D. in 1944 and remained as a postdoctoral fellow at Harvard until 1946. He came to the Department of Chemistry at Stanford as Instructor from 1946-1948, then as Assistant Professor from 1948-1951, as Associate Professor from 1951-1958, and as Professor from 1959 until 1983, when he became an Emeritus Professor of Chemistry.

Examination of Eastman's professional background reveals a career filled with impressive accomplishments. At the undergraduate level, he was associated with the introductory course in General Chemistry and for many years was the supervisor of this course offering. In connection with this assignment Eastman wrote two comprehensive textbooks, *General Chemistry - Experiment and Theory* in 1968, and *Essentials of Modern Chemistry* in 1975. At the graduate level, he offered courses in terpene chemistry and physical organic chemistry. Eastman's research was primarily mechanistic in nature, and much of it was devoted to terpene chemistry and photochemistry. From 1956 until his retirement, he supervised the research of 18 graduate students who were awarded the Ph.D. degree and 2 who received the M.S. degree, with their research published mainly in the *Journal of the American Chemical Society* and the *Journal of Organic Chemistry*. A number of these students later went on to distinguished careers.

Eastman married Patricia Lund on March 27, 1942. They subsequently had three sons, all currently living in California: Jeffrey Ford Eastman, Ph.D. in Electrical Engineering, North Carolina State University, a computer design consultant; Richard Cyrus Eastman, M.D., Harvard, 1972, Medical Director and Vice President of Medical Affairs for Cygnus, Inc., a Redwood City corporation specializing in medical diagnostic devices; and Thomas Morgan Eastman, manager in the Food Services Department of the University of California at Santa Cruz.

When they first moved to Stanford in September 1946, the Eastmans were advised that they could reside temporarily in the home of Francis W. Bergstrom on Salvatierra Street, across from the Stanford Elementary School. Prof. Bergstrom had been on the Chemistry Department faculty at Stanford since 1925, and he had died in March of 1946. At that time William and Cyrena Bonner and their son Randy, who had come to Stanford in January 1946, were living in the Bergstrom house under the same temporary arrangement. It soon developed that the Eastmans
occupied the upper floor of the Bergstrom house and the Bonners the lower floor, with Jeff and Richard Cyrus, the two older Eastman boys, and Randy Bonner becoming fast and somewhat mischievous friends. Evenings were celebrated with a "cocktail hour" of soda crackers and ample portions of Caldwell's New England Rum, preceding a joint dinner prepared in the Bergstrom kitchen and a joint clean-up afterward. After several weeks of such an arrangement, the Eastmans were relocated to a large house on a vacant lot on California Avenue at the end of Amherst Street in College Terrace, a small community just to the south of the edge of the Stanford campus. They lived in this house until it was demolished and replaced by the large facility of Hewlett Packard corporation, at which point the Eastmans moved to one of the units of a two-story duplex home at 634 Alvarado Row, which became their permanent home.

When he was quite young, Thomas Eastman developed a leg and hip problem, treatment for which included exercise while bearing no weight on the limbs. The obvious solution to this requirement was a swimming pool. Accordingly, Eastman purchased the largest "portable" swimming pool available, an above-ground plastic "Doughboy" some three feet deep and thirty feet in diameter. He rigged up a gas-fired heating system and a continuous filtering system, a removable plastic cover to prevent evaporation and heat loss, as well as a suitable entrance platform and ladder. This temporary solution to a medical problem thus became a lifelong and all-season pleasure and pastime for the Eastmans and their guests for years to come. During this period Dick Eastman's mother, "Dutchy", moved into the Eastman household and lived either with them or in a house directly across the street until her own demise a few years later.

The principal enduring hobby of Dick and Pat Eastman, however, was boating and fishing. For this they acquired an open 19-foot Chris Craft motor boat, which they equipped with two outboard motors, a large one for speeding, planing, and towing water skiers, and a small one for trolling and fishing. The motor boat was stored in the garage of their Alvarado Row home on a large trailer, which could be attached to their pickup truck and towed to any desired destination.

The favorite Eastman fishing area was at Camanche Reservoir, north and east of Stockton, at which they had an all-year campsite where they could park their truck and trailer and launch their boat, close to cabins where they could house their guests. They soon made a useful discovery for returning home: if they got into the second lane from the right when returning to San Francisco over the Oakland-Bay Bridge, they could travel all the way to their Palo Alto exit without changing lanes! Very handy if one is towing a boat. They also took their boat on many occasions to Lake Havasu on the Arizona border, where they could invite their friends to enjoy Lake Havasu State Park with them, as well as to view the wonder of the London Tower Bridge which has been transported to and is located in Lake Havasu City.

Between their hobbies of boating, fishing, and traveling and camping in their trailer, as well as swimming the year around in their home pool, Dick and Pat Eastman enjoyed full and gratifying experiences with both family and friends during the remainder of their lives.
Committee:
John I. Brauman
William A Bonner
Eric Hutchinson