

**MEMORIAL RESOLUTION OF THE FACULTY  
OF THE UNIVERSITY OF WISCONSIN-MADISON**

**ON THE DEATH OF PROFESSOR EMERITUS WARREN C. YOUNG**

Warren Clarence Young passed away on March 2, 2012 in Gainesville, Florida at the age of 88 after a brief illness. Warren was born to Clarence and Atha (Hungerford) Young in Mauston, Wisconsin, on September 7, 1923. He graduated from Mauston High School and earned a BS in mechanical engineering at the University of Wisconsin in 1944. Upon graduation, he joined the U.S. Navy, trained as a radio signalman at Fort Sill, Oklahoma, spent time in Washington, DC, and served aboard an aircraft carrier stationed in Boston until the end of WWII. Warren married Mary Currier of Kensington, Kansas, on March 3, 1945, while he was still in the service. Upon returning to Wisconsin at the end of the war, Warren completed his MS in mechanical engineering and PhD in engineering mechanics at UW-Madison, while he and Mary raised their three boys.

Warren taught at the University of Wisconsin from 1956 until his retirement in 1984. He was a highly regarded teacher who graduated many doctoral students, authored several scientific papers, and held a patent. Warren taught courses in mechanics/strength of materials, experimental stress analysis, plates and shells, and structural instability. He was particularly capable in experimental mechanics and related aspects of theoretical mechanics, physics, and instrumentation. His work was interdisciplinary and of the highest quality. During the 1960s and 1970s, he was a major participant in the College of Engineering's Energy Storage Program. Warren was the continuing author of *Roark's Formulas for Stress and Strain*, best known as *Roark and Young*, an internationally respected handbook of engineering, and coauthor of *Advanced Mechanics of Materials* by Cook and Young. Warren was a registered professional engineer in the state of Wisconsin and an active member of both the Society for Experimental Mechanics and the American Society for Engineering Education. He served as a consultant in theoretical and experimental stress analysis for national laboratories involved in research on high energy physics, as well as for manufacturers and users of pressure vessels, cranes, grinding mills, and Great Lakes ore carriers. Warren had an impeccable reputation as an honest and fair gentleman and was great to work with or to work for.

Compatible with his interest in people and passion for adventure and technology, Warren (accompanied by Mary and their children) served for two years as a visiting professor and directed a United States Agency for International Development (USAID) project associated with the Bengal Engineering College, Calcutta, India during the mid-1960s and in the summer of 1968. In Indonesia, he was a team leader working with other U.S. faculty located in numerous Indian cities. Warren and Mary lived in Indonesia from the summer of 1981 through summer of 1983. During this period, he led an energy research team at the University in Bandung, West Java, again under USAID sponsorship.

Being a true Wisconsinite, Warren was an avid deer hunter, and the family enjoyed considerable time on a piece of country woods near Mauston, better known as "the farm." Warren was a warm, humble, patient, honest, straightforward man of quiet faith, great integrity, boundless curiosity, and an uncanny ability to fix just about anything. He (with Mary's help) designed and built his own homes, repaired his own cars, and was a private pilot. He and Mary shared a love of adventure, from tent camping to cruises, and traveled on five continents. They were quiet but effective leaders in their church (Orchard Ridge United Church of Christ) while Madison residents and worked hard for community outreach projects. Warren and Mary moved to Homosassa, Florida in 1989 and to Gainesville, Florida in 2005, during which time they continued their strong church affiliations.

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Warren was preceded in death by his parents; his sister, Janet Amsrud (Wausau, Wisconsin); sister-in-law Lillian Currier (Madison, Wisconsin); and four nephews. He is survived by his devoted wife of 67 years, Mary; sons Richard (Brown County, Indiana), James (Jones County, Iowa), and John (Eau Claire, Wisconsin); grandchildren Rebecca Young (Alaska), Annabeth Young (Indiana), and Bryan Young (Wisconsin); brother-in-law Fred Currier of Madison; and numerous cousins, nieces and nephews.

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