

## Stanley Martin Flatté 1941 - 11/4/2007



Stanley Martin Flatté, beloved by family and friends, passed away on November 4, 2007 at home, attended by his wife and children.

He was 66 years old, and had battled cancer for many years. Flatté was born and raised in Los Angeles, where he graduated from Hamilton High School. He received a B.S. in physics from Caltech, and a Ph.D. in experimental particle physics from U. C. Berkeley. While at Berkeley, he met Renelde Demeure, who became his wife in 1966. Flatté was a professor of physics at U. C. Santa Cruz for 33 years, arriving in 1971 and retiring in 2004.

Flatté contributed to a broad range of research fields, including experimental particle physics, ocean acoustics, optics, and seismology. He measured fundamental particle properties in the era before quarks, and helped develop a new paradigm in understanding sound transmission in the ocean. He also pioneered new theoretical understanding of light transmission through turbulence in the atmosphere and seismic-wave transmission through the earth. In recognition of his contributions to science,

Flatté was made a fellow of the American Physical Society, the Acoustical Society of America, the Optical Society of America, and the American Association for the Advancement of Science, and was awarded a Guggenheim Fellowship. Over the years he was the principal advisor or supervisor of over two dozen Master's students, Ph.D. students and postdoctoral researchers, and developed innovative physics courses for undergraduate students.

Flatté was also a member of a prestigious group of scientific advisors to the U. S. government known as the Jasons, from 1970 until his death.

Stanley was an exceptional human being with a great appreciation for the many gifts of life. He loved spending time with his family and friends. He traveled all over the world with his wife, and together they enjoyed music, especially opera, and the beauty of their garden at home. He enjoyed dancing, playing classical piano and singing folk songs, accompanied by his guitar. He had a lifelong love of photography inspired by his father, and a deep fascination and curiosity about technology, especially computers.

He and his wife were long-time members and supporters of Temple Beth-El in Santa Cruz and Aptos. He was also a member of the Jewish Studies faculty at U.C.S.C.

Flatté is survived by his wife of 41 years Renelde Flatté; their son Michael Jennifer of Iowa City, IA, and daughter Anne Matthew Harrington of San Francisco, CA; his mother Henrietta Flatté of Los Angeles, CA; and his grandchildren Devra, Shecharya, Naftalia, Meirav, Alexander and Sean, along with extended family and friends. He is preceded in death by his father, Sam Flatté,

and his sister Joan. A memorial service will be held on Sunday, Nov. 11 at 2 p.m. at Temple Beth El, 3055 Porter Gulch Road, Aptos CA 95003.

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