

## Charles Hoult's Biography

Charley Hoult passed away at home from Acute Myeloid Leukemia on November 23, 2016. He left a wife, Dr. Janet Hoult, a brother, Dr. David Hoult, two children from his first marriage, Howard Hoult and Ellen Hoult and a granddaughter, Sarah Hoult. Pre-deceased by his sister Maude Hoult Lorah and Janet's son David Fisher, he also lost his daughter Elizabeth Hoult Fontaine and his two granddaughters, Julia and Catherine Fontaine, who died in 2009. His extended family includes step-daughters Lynne and Joi Rosengard, step-grandsons, Mike and Sam Hoke, a step-granddaughter, Neda Cuadra and two step great-grandchildren, Jonathan and Ariana Cuadra.

From 1958, when he was initiated into the sounding rocket business as an Air Force Second Lieutenant assigned to Air Force Cambridge Research Laboratory in Bedford, MA, he continued his sounding rocket work until 1977.

After 1977 he worked for The Aerospace Corp., El Segundo, CA and TRW (later part of Northrop Grumman), Redondo Beach, CA until his retirement in 2007. During these thirty years he supported the Titan launch vehicle and various classified satellite and missile defense projects

Starting in 2006 he returned to his first love, sounding rockets, by accepting an appointment as Mentor in the Mechanical & Aerospace Engineering Dept. at California State University Long Beach. Most recently, he has served as an Adjunct Professor in the same Department.

During his career he participated in launches from White Sands, NM,; Ft. Churchill, Manitoba, Canada; Eglin AFB, FL; Barreira do Inferno, Natal, Brazil; Western Test Range, Vandenberg, CA; Eastern Test Range, Cape Canaveral, FL; and the Friends of Amateur Rocketry Site, Mojave desert, CA.

He was educated at the Massachusetts Institute of Technology (MIT) and the University of California, Los Angeles (UCLA). He was a member of the AIAA, the Planetary Society, the LA Natural History Museum, Friends of the Griffith Observatory and the Air Force Association. His sounding rocket publications include 17 papers on mission planning, structural loads, trajectory dispersion and post burnout attitude.

His website, Rocket Science and Technology ([www.RSandT.com](http://www.RSandT.com)), offers open source software for anyone who seeks tools for amateur rocket design.

Donations in Charley's memory can be made to the Experimental Sounding Rocket Association (ESRA) by visiting the ESRA website ([www.soundingrocket.org](http://www.soundingrocket.org)) then selecting News and the page In Memory of Charley.

