



Dr. Bobby E. Leonard PhD

June 17, 1930 - March 19, 2017

Bobby Eugene Leonard succumbed Sunday March 19, 2017, at his home in Arnold, MD at the age of 86.

He was a native of North Carolina but made his home in Annapolis for 30 years. In college, he excelled as a distance runner at N.C. State with his cross country team winning the conference title three years in a row with him as Captain his senior year. Leonard, after graduation and leaving the US Air force, following the Korean War, returned to North Carolina State University and received his MS and PhD in Nuclear Engineering. His PhD thesis was in neutron propagation in the atmosphere from neutron bursts and hence was able to do his post-graduate work, nuclear weapons related research, at the DOD Armed Forces Radiobiology Research Institute (AFRRI). At Catholic University of America he taught courses in radiobiology and radiology. After leaving AFRRI he provided consulting at nuclear power plants in radiation safety and radiation protection. After acquiring the Catholic monastery St. Conrad's Friary he trained and graduated over 300 radiation safety technicians in a school sanctioned by the State of Maryland Board of Higher Education and the US Nuclear Regulatory Commission, many of them still at nuclear power plants.

In radiation effects, he has developed analytical models for radiation cellular DNA damage and repair. These models have provided biophysical insight into

the dynamics of cellular damage and repair from ionizing radiation and he has published over 50 papers in this area through the Radiation Research Society, the Health Physics Society and the international Journal of Radiation Biology. Several books have been published available at Amazon "The book contains a useful discussion on the background and development of the Linear No-Threshold hypothesis (LNT). After presenting the evidence for the new biology, Dr. Leonard concludes that the human lung cancer risk for Radon is not linear with increasing radon concentration exposure." (Antone L. Brooks, PhD International Journal of Radiation Biology Journal, Pat Director DOE Low Dose Research Program)

Dr. Leonard, with Peg Wallace (Chris Coile's mother), founded the Eastport Historic Society which later evolved into the Annapolis Maritime Museum, was on the failed Mayor Apostol's committee to acquire the Nautilus nuclear submarine as a museum, donated the funds and initiated the historic monument about Lafayette's encampment at the Eastport foot of the Spa Creek bridge, initiated the historic monument to commemorate the Battle of the Severn at the mouth of the Severn at Pendenis Mount and served on the Anne Arundel County highway committee. He served for two terms as Chairman of the Baltimore-Washington American Nuclear Society and is a member of Who's Who in North America. He was a member of the Annapolis Yacht Club, the St. George Bermuda Yacht Club and a US Coast Guard licensed Ship Captain.

He is survived by his dear wife Georgia Beecher and their dog Andy of Arnold, MD; his daughter Renee Leonard McElroy; granddaughter Ashley; brother Garrett Douglas Leonard all of Raleigh, NC and his sister Patsy Rector of Augusta, GA. He was predeceased in death by his brother, Walter James Leonard, Jr.

In lieu of flowers donations can be made to the American Cancer Society, ww

w.cancer.org.

Tribute Wall



“ *Dr. Bobby E. Leonard PhD*

October 26, 2023 at 06:42 PM



“ *Dr. Bobby E. Leonard PhD*

January 28, 2023 at 12:44 PM



“ *Dr. Bobby E. Leonard PhD*

January 28, 2023 at 08:03 AM

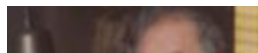


“ *The world has lost a wonderful Person, Rest in Peace Bobby Lovingly Bud and Ruth Yesko. (Brother inlaw and sister inlaw) Salisbury Maryland*

Ruth Yesko - March 23, 2017 at 07:19 PM



“ Why am I always first? I... SIMPLY am beyond sad...first and foremost for Renee..his one and only child..he adored her and her daughter Ashley..his one and only grandchild...Jerry his brother and Patsy his sister...so many friends and family ..Georgia his wife and lets be honest here his past wives...gotta love my step father for his belief in love and romancedespite it all he never gave up on LOVE..After ..Bobby and my Mom..better known as #4 divorced he did it again...my love warrior ..why not ??..over 80 ..lets make it #5 with Georgia...a back and forth banter that lasted years upon years..they did it..he did it..and I thought...this man..this brilliant man..still tried..HE NEVER GAVE UP..I do believe Bobby had many loves in his life..each fitting a particular season... I had hoped that Bobby would settle into a much more relaxed mode but..he didnt....I could go on and on..and its with a heavy heavy heart as I fell to my knees when my Mom..#4 told me.. that hes no longer here..the little man that was the polar opposite of my real Dad..his personality was ..original but..misunderstood..his peers in the academic world were amazed by his genius..he was a GOODWILL HUNTING equation solver before it was cool..I could go on forever..I LOVED BOBBY..he walked me down the aisle with my brother..because my Dad had passed less than 10 years prior..and he knew I was beyond sad..Bobby ..was and will always be..the person that made life better and sometimes...well often crazy and complicated..he united people that would typically never converse....he was a genius.... a misfit ... a sailor .. a patriot... a scholar... a published author ...a partier and a good person to chill with..mostly he was real..and so..I must say..farewell....I certainly hope he knew I loved him..he could make magic and silly out of an average day... Bobby you made many people happy ..you were generous and kind and created memories for many..THANK YOU FOR BEING YOU AND NOT CONFORMING ...my life was and will always be much more COLORFUL because of you...GO SAIL GO DREAM AND REST KNOWING...YOU MADE MANY HAPPY! XO Susan #4s daughter..your step daughter!





Sue Secrist - March 22, 2017 at 10:25 PM

EB

I hadn't seen or spoken to Bobby since right after my father past away. They were great friends and had many adventures together. I remember the Halloween party at the friery. We all had a blast. My father,Edward Voice, and Bobby played so many tricks(mild ones according to them) on senators, employees, and even the governor. All in good fun. I adored and admired Bobby for his amazing sence of humor and his deep love for my father. May God take you directly to my dad, so he may finally be joined with his best friend in paradise.

Eric boice - April 07, 2017 at 09:07 PM

EB

Auto corrected my fathers name. Edward Boice.

Eric boice - April 07, 2017 at 09:08 PM

RJ

*I started out with Bobby when he formed IRM -----we also ran track together a NC State ----
I have and always will remember the many great times and adventures we had over the years. In fact he was with me when I met my wife Barbara at Clyde's in DC. I also went to some of his Classes at Catholic U ...NOPE There will never be another Bobby-----There was only one mold-----Love you man --may you rest in peace !
Bob Jones*

Robert Jones - April 13, 2017 at 06:52 PM