



Dr. Martin Samuel Zucker

MAR 15, 1930 - DEC 14, 2020



Scan to Visit

BETH DAVID
MEMORIAL GARDENS

Levitt-Weinstein
MEMORIAL CHAPELS & CEMETERIES

Table of Contents

Obituary	Page 3
Tribute Wall	Page 5



Dr. Martin Samuel Zucker

MAR 15, 1930 - DEC 14, 2020

Dr. Martin Samuel Zucker, 1930-2020
(מאיר שמואל בן אלי מלך)

Martin Zucker, eldest child of Max Zucker and Florence Greenberg Zucker, grew up in Brooklyn and attended Stuyvesant High School in New York. He graduated from Cornell University in 1951 with honors in Engineering Physics, and served honorably in the U.S. Army Reserves at the rank of Second Lieutenant. He earned a doctorate in Experimental Physics from University of Wisconsin in 1958, his dissertation comprising novel research into the spin polarization of fast neutrons. At Wisconsin, he met and married the artist and educator Roberta Swire. They made a home on Eastern Long Island, where they raised four children, and were together until Roberta's passing in 2019.

On receiving his doctorate, Marty attained a research position at Brookhaven National Laboratory, where he remained until his retirement in 1993. Marty's career at Brookhaven was dedicated to teaching, research and service for the public good. For many years his efforts concentrated on the challenges of preventing the spread of nuclear weapons. He specialized in inventing and improving novel instruments and methods to detect any diversion of secured nuclear materials.

This work brought Marty to research facilities across the USA and internationally, including extended appointments in the 1970's at the International Atomic Energy Agency in Vienna. He was a key participant and co-author of the Black Sea Experiment, an unprecedented 1989 collaboration between the Natural Resources Defense Council and the Soviet Academy of Sciences. This historic joint venture sought to show how nuclear treaty compliance could be monitored remotely, using an active, nuclear-armed Soviet Navy missile cruiser as a test subject.

Marty was a gifted and popular educator, invited to teach introductory and advanced physics at Queens College, Stony Brook University and Suffolk Community College. He was also a dedicated nature lover, eco-traveler, gardener, photographer, diver, and sailor, and passed these



Obituary

Dr. Martin Samuel Zucker

MAR 15, 1930 - DEC 14, 2020

passions to his children. With Roberta he was an active contributing member of the Jewish Center of the Moriches, serving multiple terms as Congregation President.

He is survived by his brother Robert Zucker; by his four children, Jane, Michael, Miriam and Daniel Zucker; and by a grandchild, Lily Zucker.

The family asks that donations in his memory be directed to World Wildlife Fund,
www.worldwildlife.org

Services will be held in Long Island, New York

Arrangements by Levitt-Weinstein Blasberg-Rubin-Zilbert Memorial Chapel
(305) 932-2700



Tribute Wall

Dr. Martin Samuel Zucker

MAR 15, 1930 - DEC 14, 2020



Scott Wohlstein posted:

I am saddened to learn of the passing of Marty. I first met Marty while he was at BNL and I was at UNC. My group hired Marty as a consultant in NIM bin instrumentation- one of my best memories of him was when he and I used to play tic-tac-toe on each other while wearing white cleanroom bunny suits awaiting security or processing results. From there and after my service life at UNC, we worked on grant proposals, I convinced him to work with me in my consultancy, and he served as advisor on my undergrad thesis at SUNY. He was generous of his amazing brain and time. He was an amazing man, mentor, and friend. "The world's loss is heaven's gain"

January 15 at 12:01 PM



Memories only last if you share them

Join us in honoring Martin by contributing to a collection of shared memories.



Scan to Visit

BETH DAVID
MEMORIAL GARDENS

Levitt-Weinstein
MEMORIAL CHAPELS & CEMETERIES