



John F. McDonald

January 14, 1942 - February 21, 2020

Professor John "Jack" F. McDonald was the loving husband of Karen (Knapp) McDonald of Clifton Park, New York. Jack was the son of Francis Patrick and Lulu Ann (Hegedus) McDonald. He was born on January 14, 1942 in Bryn Mawr, Pennsylvania. He also lived in Narberth, Pennsylvania, Norfolk, Virginia, Trumbull, Connecticut, Troy and Clifton Park, New York. His nearest relative is a brother Robert Charles and his wife Gay Gibson McDonald of Stow, Massachusetts and a nephew, Gavin Gibson McDonald of Santa Barbara, California. Karen's brother is David and his wife Heleen (Wells) Knapp of Ballston Lake, NY, her sister, Marilyn (Knapp) Cournoyer of Fruitland, FL. and a niece, Kate Knapp. The McDonald's were friends with two former foster children, Abby and Michael. Jack received his BSSE from Massachusetts Institute of Technology, MS and Ph.D in Engineering from Yale University. He was an Assistant Professor at Yale University. At Rensselaer Polytechnic Institute his office was located in the Electrical, Computer, and System Engineering Department in the Jonson Engineering Center. He was a Founding member of the Rensselaer Center for Integrated Electronics. He was a Contributor to more than 300 articles to professional publications. His Memberships were Computing Machinery, IEE (he was a life senior member), Associate Editor Transactions on VLSI Design. He was an educator by heart. He loved teaching his students and preparing them for their future careers. He taught courses in Communication Theory, Coding and Switching Theory, Computer Architecture, Integrated Circuit Design, High Frequency Packaging and Digital Signal Processing over his career of 45 years at Rensselaer Polytechnic Institute in Troy, NY. He had 12 patents and numerous grants. John was a consultant to the United States Government and private companies. He was in Who's Who in America and the World. John provided papers at conferences in England, France, Portugal, Italy, Holland and Germany. His current focus was in Chip Design and Integrated Circuit Design. Jack died February 21, 2020 at Albany Medical Center Hospital in Albany, NY. His Mass of Christian Burial will be celebrated at St. Edward the Confessor Church in Clifton Park with Fr. Patrick Butler, Pastor officiating. There will be no public calling hours. Interment will be in St. Joseph's Cemetery, Waterford, NY.

Cemetery

**St. Joseph’s Cemetery,
Waterford**
40 Middletown Road
Waterford, NY, 12188

Events

FEB 28	Mass of Christian Burial	11:00AM
	<hr/>	
	St. Edward the Confessor Church 569 Clifton Park Center Road, Clifton Park, NY, US, 12065	
FEB 28	interment	12:30PM
	<hr/>	
	St. Joseph’s Cemetery, Waterford 40 Middletown Road, Waterford, NY, US, 12188	