

# SHERMAN CENTRAL SCHOOL

## Wall of Fame

JOHN M. SWARTZ, PHD

Inducted 2011



John Michael Swartz and his wife Helen Cady both graduated from Sherman High School in 1954. He received a B.S. in Ceramic Engineering and an Army ROTC commission from Alfred University in 1958, his Master's Degree in 1960, and his PhD in 1965, both in Electrical Engineering from The Ohio State University.

He was a Research Scientist at Battelle Memorial Institute from 1959-63; US Army Project Officer at the Applied Physics Division for the U.S. Army Electronics Research and Development Laboratory at Fort Monmouth, NJ from 1961-1962; and an Instructor, Assistant Professor, and Associate Professor at The Ohio State University from 1962-1977 where for ten years he taught the semiconductor physics courses for PhD students.

He co-founded Lake Shore Cryotronics, Inc. in 1968 and was President/CEO from 1981 until 2004; Chairman since 1981. Lake Shore, located in Westerville, Ohio, designs, develops and manufactures cryogenic temperature sensors and instruments, magnetic sensors and instruments, metrology systems and micro-manipulated probe stations for characterizing the electronic transport and magnetic properties of materials. The company is the world leader in cryogenic thermometry and instrumentation, and its products are used by scientists in academia, national labs, and high technology industry in over 40 countries throughout the world. Lake Shore has dealers in 34 countries with exports exceeding 60% of sales. The company employs over 150 people, with half of these having scientific degrees. Lake Shore has also co-founded and sold three other high technology companies.

Dr. Swartz is a "Distinguished Alumnus" of The Ohio State University College of Engineering and a past President of the Westerville Area Chamber of Commerce.

Helen and John have three children, all electrical engineers holding management positions at Lake Shore.