



talkSTEM's

2016 Outstanding Leader in STEM Education
Award Recipient

Wanda Gass, M.S.E., IEEE Fellow
President
Design Connect Create

An advocate for young women and girls to pursue high-demand jobs in Science Technology Engineering and Math (STEM), Wanda Gass brings a passion to her role as President of Design Connect Create. Wanda's interest in engineering was influenced by her father, a petroleum engineer, who started his own business shortly after she was born.

Wanda completed her B.S. degree in Electrical Engineering at Rice University and her M.S. degree in Biomedical Engineering at Duke University. Wanda's first engineering job was with Texas Instruments where she worked for 31 years. At TI she was elected TI Fellow for her pioneering work in the development of TI's first Digital Signal Processor (DSP). Wanda's many innovations have led to successful commercialization of technology that has changed the way people around the world live, learn, work and play. Today DSP solutions are essential components of cell phones, digital cameras, MP3 players, digital hearing aids, and a myriad of other consumer products.

Wanda was inducted into the Women In Technology International Hall of Fame in 2003. Her contribution to TI's first DSP was included in the list of "25 microchips that shook the world," an article published in Institute of Electronic and Electrical Engineers (IEEE) Spectrum. She was elevated to IEEE Fellow in 2007 after serving as Chair of Design and Implementation of Signal Processing Systems Technical Committee in 1997-1998 and Subcommittee Chair of the International Solid State Circuits Conference.

She received the 2011 Tech Titans Community Hero Award for her work in creating new programs for young women and girls in the Dallas area. She currently works with the Middle School and Upper School robotics clubs at Hockaday.