

Cassandra (Sandy) Ann Gentry-Grace --- Vita

The author of “A Study of Smart Foam for Noise Control Applications” was born on October 10, 1967 in Syosset, New York. She was raised on Long Island in the town of North Babylon. Her parents are Dr. and Mrs. Theartice Gentry, a retired family therapist and registered nurse, respectively. She is married to Dr. Christopher Grace, adjunct faculty member at North Carolina A&T State University in Greensboro, North Carolina. Her hobbies include interior decorating, jogging, yoga, board games and reading.

She graduated from North Babylon High School in 1985. In 1990, she received a bachelor’s degree in mechanical engineering from Tuskegee University in Tuskegee, Alabama. During her undergraduate studies she participated in the cooperative education program and completed several internships with NASA and Motorola Inc. After attending Tuskegee University, she pursued a master’s degree in mechanical engineering at The Pennsylvania State University and graduated in 1993. The title of her master’s thesis is "Investigation of Adaptive Intensity Control Methods for a Finite Beam". In December 1998, she received a Ph.D. in mechanical engineering from Virginia Polytechnic Institute & State University in Blacksburg, Virginia. Her research topic concentrated on experimental and numerical investigations of foam-PVDF composites for active noise control applications.