



SHERRY J. GILLESPIE

PhD '75

Throughout her career, **SHERRY J. GILLESPIE** has made an incredible impact among some of the largest technology organizations in the world.

After earning her doctorate degree from the College of Science and Technology, Gillespie launched her career in the semiconductor industry at IBM. There, she worked in the areas of computer chip reliability and fabrication processes for advanced semiconductor devices, and was honored with IBM's Technical Innovator Award.

Gillespie then joined Motorola where she took on the role of director of materials research and strategic technologies. She worked tirelessly to initiate research collaborations with U.S. universities, as well as partnerships in Japan, China and South America. Her efforts earned her Motorola's High Impact Technology Award.

Bringing her expertise to several industry-driven organizations, she has served on the boards of the Semiconductor Research Corporation and the Technology Strategy Committee of the Semiconductor Industry Association. She has also worked with the National Science Foundation Science and Technology Center for Synthesis, Growth and Analysis of Electronic Materials at the University of Texas, authored or co-authored more than 40 publications and holds a U.S. patent.

In 2008, Gillespie was selected to be an IEEE-USA/AAAS Congressional Fellow where she worked on staff as a science advisor in the U.S. Senate in the office of Senator Joe Lieberman. In this role, she drafted legislation about government acquisition of advanced microelectronics from commercial sources.

She remained in Washington, D.C. as a technology management consultant on issues relating to science and public policy.