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Roberta is currently the Chief Scientist for the Space Systems Command (SSC) and leads the Innovative Development Division, Space Systems Architect, Space Systems Command, Los Angeles AFB. She is the principal scientific authority and technical oversight for SSC with the following duties: Supports SSC Commander in technical reviews and assessment of programs and research, development and demonstration of technologies on board spacecraft and missiles. Advances the knowledge of emerging space concepts and technologies that increase Space Force capabilities through advanced systems development and demonstration. Responsible for planning, conducting evaluating and coordinating studies and developmental demonstrations in space systems with SSC and other DoD development centers and agencies such as DARPA. Serves as a consultant to the US Space Command Commander and other members of US Space Force and SAF/SQ for technical judgments and evaluations. Roberta joined SSC in 2000 and has held several key positions including Chief Engineer, Development Plans and Space Superiority, and Chief Architect, Space Superiority Systems Wing.

Roberta is a distinguished graduate of the United States Air Force Academy, the USAF First Marshall Scholar to Oxford University, U.K. and holds multiple advanced degrees in theoretical Physics and Electrical engineering from University of Colorado, Oxford University, UK, and Stanford University. Roberta received the AFA 2020 Dr Alfred Rockefeller Award for Outstanding Civilian for SMC. She proudly served the USAF for 28 years and retired in 2006 from active duty.