

Wendy Baca

Program Integration Director

Wendy Baca serves as Program Integration director for PanTexas Deterrence, LLC, the management and operating contractor of the Pantex Plant in Amarillo, Texas. She joined Pantex in 2024.

In this role, Baca manages all aspects of Program Integration.

Baca started her career in 1987 with the U.S. Department of Energy in what was then known as the Albuquerque Operations Office. She was hired to fill the W87-1 Small Inter-continental Ballistic Missile Program engineer role, and she continued to work in numerous federal program manager roles for the next 25 years.



The majority of Baca's work focused on ICBM programs where she was also the director of the ICBM division for the DOE, and later for the National Nuclear Security Administration, a position she held for 9 years. During that time, her primary focus was the First Production Unit through completion of the W87 Alt 342, which was also referred to as the W87 Life Extension Program. Baca's other federal program manager positions included the Pantex Stage Right Program, the AT-400A Pit Container, the DOE/NNSA Dismantlement Program, Plutonium Sustainment, and the Modernization Programs.

After retiring from the DOE/NNSA in 2012, Baca worked at Los Alamos National Laboratory as an executive advisor in the Principal Associate Directorate for the Weapons Program. In 2015, Baca became the director of the Integrated Program Management Office in the Plutonium Science and Manufacturing Division where she focused on the ongoing LANL production agency efforts—to include plutonium pits.

Baca worked at Sandia National Laboratories from 2017 to 2022 in a number of roles, including a position in the Military Liaison Department as the W80-1/W84 field engineer.

In 2021, Baca joined the Weapons Knowledge Preservation and Transfer Program at TechSource, Inc., where she worked with the team to develop and deliver instructional modules for new and mid-career employees across the Nuclear Security Enterprise.

Baca earned a Bachelor of Science from the University of Arizona and a Master of Science from New Mexico State University, both in Industrial Engineering.