

Carol Dudley



Carol Dudley
Senior Vice President
Basic Chemicals Division

As senior vice president of Dow's Basic Chemicals Division, Carol Dudley is charged with overseeing one of Dow's two divisions operating as part of the Joint Ventures/Asset Light and Basics Operating Model. Basics has always been one of Dow's great strengths and enables success for downstream partners through low-cost production. Some of the businesses included in the Basic Chemicals Division are Ethylene Oxide/Ethylene Glycol, EDC/VCM, ECU, Chlor-Alkali, Chlorinated Organics and Calcium Chloride.

Dudley joined Dow in 1980, starting as an engineer in R&D for plastic films and foams in the Granville Research Center. In 1991, she worked at the Louisiana Operations facility on the development of styrene butadiene/isoprene block copolymers as part of a Dow/Exxon joint partnership. In 1993, she took on the director's role for the Analytical Science Lab in Midland, Michigan. And in 1995, she moved to Texas as the global R&D director for the Epoxy Products and Intermediates Business.

Four years later, Dudley was named the North America Chlor-Alkali Assets business operations leader and site leader for Oyster Creek in Freeport, Texas, where she also served as chairperson of the CAER committee for Brazoria County. She became business vice president for Chlor-Alkali Assets in 2000, and was named vice president of Global Purchasing in 2003. The following year, Dudley became R&D vice president for Hydrocarbons & Energy, Chemicals & Intermediates and Core (Corporate R&D).

In 2005, she was named vice president of Business Development for Market Facing Businesses; and in 2006 she was named vice president of Research & Development for Dow's Performance Plastics & Chemicals Portfolio.

From 2007 to 2008, Dudley served as corporate vice president for Dow's Market Facing, Business Development and Licensing Portfolio, which included Dow Automotive, Dow Building Solutions, Dow Coating Solutions, Dow Footwear, Dow Oil & Gas and several other potential market facing businesses in development. Dudley's portfolio also included Dow Technology Licensing & Catalyst, and Ventures & Business Development. Carol was named to her current role at the end of 2008.

Dudley earned a bachelor's degree in chemical engineering from Carnegie Mellon University in Pittsburgh, PA, and received an Executive MBA at Indiana University. She is an advisory board member for the Engineering Department at Carnegie Mellon University and is a member of the Society of Women Engineers.