

**James A. Trainham**  
*Vice President of Science and Technology*  
*PPG Industries.*

**Biography**

Trainham joined PPG in 2005 from Invista, Inc., formerly DuPont Textiles and Interiors, where he was chief technology officer from 2002 until its divestiture from DuPont in 2004.

After two years on the faculty at the University of South Carolina, Trainham joined DuPont as a research engineer in polymer products. His almost 25 years with DuPont included assignments in central research and development and in business units with responsibility for process and product technology. In 1987 he led the development of HFC-134a, the ozone safe replacement for Freon®12, then in 1992 he was appointed director of engineering research, and in 1996 global technology director for *Dacron*® polyester fibers and intermediates. In 1999 he assumed responsibility as global technology director, *Lycra*® synthetic fibers and *Terathane*® polyether glycols. He was then appointed global technology director, apparel and textile sciences, before the formation of DuPont Textiles and Interiors.

Trainham earned bachelor and doctoral degrees in chemical engineering from the University of California, Berkeley, and a master's degree in chemical engineering from the University of Wisconsin, Madison. He was elected to The National Academy of Engineering in 1997 and received the Chemical Engineering Practice Award from the American Institute of Chemical Engineers in 2002.