

Sustainable Industry in a Changing Society

Sigma Xi Distinguished Lecture by

John B. Carberry

E.I. DuPont Experimental Station

Thursday, April 12, 2007

Wolf Hall, Room 100

3:30 pm

Over the past 40 years, the expectations of the public, regulators, and the government about the impact of industry on the environment has changed from almost laissez-faire to a strong and dynamic demand for sustainability. This trend was first manifest in a large array of laws and regulations that can be particularly expensive unless addressed proactively and, during the last decade has been increasingly reflected in the marketplace. This presentation seeks to review the major environmental issues and trends over that period along with methods to anticipate or otherwise prepare for these rising expectations along with examples of creative responses to these issues. The concepts of green manufacturing and sustainable businesses will be outlined in the context of the business case for meeting those expectations.

Dr. Carberry is responsible for recommendations on technical programs and product development for DuPont based on an analysis of environmental issues. Since 1989, he has led this technology function in a transition to increasingly emphasize waste prevention, product stewardship and sustainability while maintaining excellence in treatment. Externally, Mr. Carberry serves on the National Academy Committee on Strategic Advice to the U.S. Climate Change Science Program and the Academy's Roundtable on Science and Technology for Sustainability. Mr. Carberry is a founding member of the Green Power Market Development Group. He recently was Chair of the National Academy Committee on the Destruction of the Non-Stockpile Chemical Weapons, and served on six previous National Academy Committees. He holds a B.ChE. and an M.E. in Chemical Engineering from Cornell University, an MBA from UD and is a Registered Professional Engineer. His wife Sandra is a professor in the Department of Computer and Information Sciences at UD.

A reception follows in the lobby of Dupont Hall.

This event is sponsored by University of Delaware Chapter of Sigma Xi and the College of Arts and Sciences and College of Engineering at the University of Delaware.

