

DEPARTMENT OF CHEMISTRY AND ENVIRONMENTAL SCIENCE
SEMINAR SERIES
FALL 2019

DATE: WEDNESDAY, NOVEMBER 27, 2019

LOCATION: TIERNAN HALL LECTURE 1

TIME: 1:00-2:20PM

GUEST SPEAKER

Keith C. Silverman, Ph.D., MPH
Senior Vice President of Global Operations, Quality & EHS
Ashland

TOPIC

Safe and Responsible Chemical Process Operations

ABSTRACT

A commitment to safe and responsible operations needs to be foundational for a chemical manufacturing company. First and foremost, it is the right thing to do. In addition, sustaining a high level of process safety performance unlocks value for a business. In order to be successful, a commitment to process safety must be supported through systems and actions designed to continuously improve process safety with a focus on sustainability. Unfortunately, process safety doesn't always receive the attention it should. Understanding why process safety is foundational and learning what important questions you should be asking as an engineer is vital.

BIO

Dr. Keith Silverman is Senior Vice President of Global Operations, Quality & EHS at Ashland and an Executive Officer of the Company. In his role, he has global responsibility for environmental, health, safety (EHS) and sustainability, quality and product safety, manufacturing, engineering, supply chain, procurement and continuous improvement.

Dr. Silverman joined Ashland Inc. in June 2012 as Vice President of EHS, Quality and Regulatory Affairs. Keith began his career in 1989 with Merck & Co., Inc. and over the next 23 years progressed through a variety of research and development, technical operations, EHS, and general management positions.

Dr. Silverman has thirty years of experience in emergency response in both the public and private sectors, including nine years as a Fire Chief. He is an experienced incident manager, emergency responder and instructor, and has provided training and managed incidents around the world.

He serves on the Executive Committee of the Board of Governors of the Society of Chemical Manufacturers and Affiliates (SOCMA), he is Chairman of the American Chemistry Council's National TRANSCAER[®] Task Group, a member of the AIChE Center for Chemical Process Safety Advisory Board, and a member of the International Association of Fire Chiefs Hazardous Materials Committee.

Dr. Silverman earned a Ph.D. from the New Jersey Institute of Technology, a Masters of Public Health (MPH) degree from the University of Medicine and Dentistry of New Jersey, and a Bachelors degree from Rutgers University.

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