



PennState
College of Engineering

**CHEMICAL
ENGINEERING**

Chemical Engineering Seminar Series

H. Scott Fogler

Ame & Catherine Vennema
Professor of Chemical Engineering
and the Arthur F. Thurnau Professor

The University of Michigan



Thursday,
March 3, 2016

11:30 - 12:30 p.m.
102 Chemistry

How to Get from Here to There and What Happens Along the Way

Abstract

Yogi Berra of the New York Yankees once said "If you don't know where you're going, you will probably wind up some place else," and sometimes that works out just fine. In research, teaching and the workplace we always have to look for the unexpected and then go with the flow when it happens. I will discuss how Steve Covey's book on the 7 Habits of Highly Effective People can be relevant to our careers, and how Penn State has been influential in my teaching and textbooks. The seminar will end with a discussion of Kepner-Tregoe's troubleshooting algorithm that has proven to be extremely useful in problem solving, consulting, and research.

Biography

H. Scott Fogler is the Ame and Catherine Vennema professor of chemical engineering and the Arthur F. Thurnau professor at the University of Michigan in Ann Arbor and was the 2009 National President of the American Institute of Chemical Engineers. He received his B.S. from the University of Illinois and his M.S. and Ph.D. from the University of Colorado. In 1985 he received a diploma from the New Orleans School of Cooking. He is also the author of the Elements of Chemical Reaction Engineering and Essentials of Chemical Reaction Engineering which are the dominant books in this area worldwide. In addition, he co-authored the 3rd edition of Strategies for Creative Problem Solving with Steven LeBlanc and Benjamin Rizzo.

Scott and his students are well known for their work on the application of chemical reaction engineering principles to the petroleum industry. They have published over 235 research articles and 11 books, in areas such as acidization of petroleum wells, gelation kinetics, wax deposition in subsea pipelines and asphaltene flocculation and deposition kinetics. In 1996 he was recipient of the Warren K. Lewis award from the American Institute of Chemical Engineers for contributions to chemical engineering education. He has graduated 45 PhDs and is the recipient of 11 named lectureships. He is an associate editor of Energy & Fuels.