



**STEVENS INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING**

**Wednesday, February 23, 2011
BABBIO 122, Time 3:00 pm**

The Outlook for Energy: A View to 2030

Dr. Thomas F. Degnan Jr

Manager, Breakthrough Research
ExxonMobil Research and Engineering Company

As the world's largest publicly-traded international oil and gas company, with nearly 80,000 employees and operations or marketing activities on six continents, ExxonMobil works every day to find, develop and deliver new supplies of energy to meet growing demand across the globe. This presentation looks at that growing demand, and how we are well positioned to meet it through our Upstream, Downstream and Chemical operations. It explores the critical role of technology and our workforce in meeting the world's energy needs throughout our over 125-year history, and concludes with a discussion of our commitment to operating as a responsible corporate citizen around the world.

Dr. Thomas (Tom) F. Degnan Jr. is Manager of Breakthrough and Leads Generation for Exxon Mobil Research and Development. He earned a BS degree in Chemical Engineering from the University of Notre Dame (Magna cum Laude) in 1973, a PhD from the University of Delaware in 1976, and an MBA from the University of Minnesota in 1980. He has previously worked for 3M Corporate Research (1976-1980) and the Mobil Technology Company (1980–1999). He is a member of several advisory boards, including those of the School of Chemical Engineering, Purdue University; Department of Chemical and Biochemical Engineering, John Hopkins University; and the Center for Catalytic Science and Technology at the University of Delaware. He was Vice Chairman of the Research & Development Council of New Jersey. Dr. Degnan has over 100 patents. He was awarded the American Chemical Society Hero of Chemistry Award in 2007, and the AIChE Chemical Reaction Engineering Award in 2010 for his contributions to industrial catalysis.

**Co-sponsored by the Department of
Chemical Engineering and Materials Science**

For more information, please contact Prof. Frank Fisher at ffisher@stevens.edu or 201-216-8913