

Karlene Hoo

NSF Innovation Programs: Partnerships With a Focus on Translation and Transfer of Basic Research Discoveries

October 9, 2012

12:00-1:30 p.m.

Room 901

Photonics Center

8 Saint Mary's Street

*Refreshments will
be served*



National prosperity today is more dependent on research and technology advances and since the product development cycle in all industrial sectors is more rapid than before, NSF's role of supporting discovery research across all fields of science and engineering is closer and more relevant to economic development at this time than at any time in our past. By establishing and expanding partnerships, research from institutions of higher education can be translated into innovation.

This session will present a set of cohesive programs offered by the NSF's Division of Industrial Innovation and Partnerships (IIP) of the Directorate for Engineering (ENG) that contribute to the goal of innovation.

Dr. Karlene Hoo is a tenured full professor of chemical engineering at Texas Tech University and the co-director of the Texas Tech Process Control and Optimization consortium. Karlene has a B.S. degree from the University of Pennsylvania and M.S. and Ph.D. degrees from the University of Notre Dame. All of her degrees are in chemical engineering.

Prior to joining academia she was an employee of ExxonMobil and the Dupont chemical company. Karlene also has experience in research administration at Texas Tech University. Karlene is currently a Program Director at the National Science Foundation in the Industrial Innovations and Partnership division, which is in the Directorate for Engineering. The program she oversees is the *Partnerships for Innovation: Accelerating Innovation Research (AIR)* program.