



Peter Kilpatrick, Dean, University of Notre Dame, USA

Dr. Peter Kilpatrick serves as the McCloskey Dean of Engineering. An accomplished teacher and researcher, Kilpatrick joined the Notre Dame in January 2008. He came to the university from North Carolina State University, where he had served on the faculty for 25 years and as Head of the Department of Chemical and Biomolecular Engineering since 1999. He also served as the Founding Director of the North Carolina Biomanufacturing Training and Education Center (BTEC), a unique learning and training facility designed to train the next generation of biopharmaceutical professionals and biotechnology industry professionals. BTEC now trains more than 500 North Carolinians each year for the biopharmaceutical and biotechnology industry. In addition, BTEC has a unique relationship training FDA inspectors.

Kilpatrick conducts research in colloidal and interfacial science, with an emphasis on the colloidal and molecular properties of crude oil and on biological membranes. His specific interests are in the ways in which complex molecules aggregate in solution and the ways in which those aggregates self assemble on and adsorb to interfaces. His work is leading to oil production and refining that is both more energy efficient and better for the environment. He is the author of more than 90 refereed journal publications and the holder of 13 patents.

He currently serves on the AIChE Foundation Board of Trustees, on the External Advisory Council for the University of Texas at El Paso College of Engineering, and on the Executive Committee of the Global Engineering Deans Council. He is also active in M-SETUP, the Consortium of Minority-Serving Engineering and Technology programs at Urban Public Universities. This organization seeks to dramatically increase the numbers and graduation rates of Latino and Latina engineers.

In his time at the University of Notre Dame as Dean of Engineering, the college has grown its undergraduate enrollment by nearly 60%, has increased the size of its faculty by more than 35%, and has increased its external research funding by nearly 60%.