**Benny D. Freeman – Bio Sketch**

Benny Freeman is the Kenneth A. Kobe and Paul D. and Betty Robertson Meek & American Petrofina Foundation Centennial Professor of Chemical Engineering at The University of Texas at Austin.  He has been a faculty member for 23 years.  He completed his graduate training in Chemical Engineering at the University of California, Berkeley, earning a Ph.D. in 1988.  In 1988 and 1989, he was a postdoctoral fellow at the Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris (ESPCI), Laboratoire Physico-Chimie Structurale et Macromoléculaire in Paris, France.  Dr. Freeman's research is in polymer science and engineering and, more specifically, in mass transport of small molecules in solid polymers. His research group focuses on structure/property correlation development for desalination and vapor separation membrane materials, new materials for hydrogen separation and natural gas purification, nanocomposite membranes, reactive barrier packaging materials, and new materials for improving fouling resistance and permeation performance in liquid separation membranes.

His research is described in more than 300 publications and 16 patents/patent applications.  He has co-edited 5 books on these topics.  He has won a number of awards, including the Roy W. Tess Award in Coatings from the PMSE Division of ACS (2012), the ACS Award in Applied Polymer Science (2009), the AIChE Institute Award for Excellence in Industrial Gases Technology (2008), and the Strategic Environmental Research and Development Program Project of the Year (2001).  He is a Fellow of the AAAS, AIChE, ACS, and the PMSE Division of ACS.  He has served as chair of the PMSE Division of the ACS, chair of the Gordon Research Conference on Membranes: Materials and Processes, President of the North American Membrane Society, chair of the Membranes Area of the Separations Division of the AIChE, and he has also served as Chair of the Separations Division of AIChE.  He is a co-founder of Advanced Hydro, Inc. (http://www.advancedhydro.net/)