

**Professor Bruce E. Dale**  
**Michigan State University**

Professor Dale is Professor of Chemical Engineering and former Chair of the Department of Chemical Engineering and Materials Science at Michigan State University. He also serves as Associate Director of the Office of Biobased Technologies at Michigan State. The Office is a university wide organization aimed at promoting all aspects of the bioeconomy. He received his bachelors degree (*summa cum laude*) in chemical engineering from the University of Arizona in 1974 and the doctorate under Professor George T. Tsao at Purdue University in 1979. Dr. Dale's first academic position was in the Department of Agricultural and Chemical Engineering at Colorado State University, where he rose to the rank of Professor in 1988. In that same year he joined Texas A&M University where he became Professor of Chemical Engineering and Agricultural Engineering.

In 1996 Dr. Dale became Professor and Chair of the Department of Chemical Engineering at Michigan State University, where he also holds an appointment in the Michigan Agricultural Experiment Station. In 1996 he won the Charles D. Scott Award for contributions to the use of biotechnology to produce fuels, chemical and other industrial products from renewable plant resources. In 2001 he stepped down as Chair to devote full time to teaching and research.

Professor Dale's research and professional interests lie at the intersection of chemical engineering and the life sciences. Specifically, he is interested in the environmentally sustainable conversion of plant matter to industrial products- fuels, chemicals and materials- while meeting human and animal needs for food and feed. He led a National Research Council report entitled "Biobased Industrial Products: Research and Commercialization Priorities" which was published in May 2000. Dr. Dale has authored over 100 refereed journal papers and is an active consultant to industry. He holds thirteen U. S. and foreign patents.

In his personal life, Professor Dale is an avid gardener, planter of trees and is very active in his church. He and his wife live on seven mostly wooded acres just south of campus where he is free to plant almost anything—most recently a beautiful specimen of *Metasequoia glyptostroboides*. He and Gina are proud of their eleven grandchildren.