

Short Biography of Geoff Vining

Geoff Vining is Professor of Statistics at Virginia Tech, where he has served since 1999 (as Department Head from 1999-2006). He is an expert in planning experiments to improve quality, productivity, and reliability. He is an Honorary Member of the American Society for Quality (ASQ), an Academician of the International Academy for Quality, an Honorary Member of the European Network for Business and Industrial Statistics (ENBIS), and a Fellow of the American Statistical Association. He is author or co-author of three books (all in multiple editions) and co-editor of two other books. He holds an Honorary Doctorate from Luleå (Sweden) Technical University.

He has received many major awards including the ASQ Shewhart Medal (outstanding technical leadership in the field of modern quality control, especially through the development to its theory, principles, and techniques) and the ENBIS Box Medal (outstanding contributions to the development and the application of statistical methods in European business and industry). He has served as the editor of two of the top journals in the fields of industrial statistics and quality engineering (*Journal of Quality Technology* and *Quality Engineering*). He was the founding Chair of the International Statistical Engineering Association (ISEA).

Dr. Vining is working with colleagues in Brazil as a Fulbright Scholar to develop a university program in Statistical Engineering, which is an emerging discipline designed to address complex organizational opportunities and problems efficiently and effectively using proper data analysis. Statistical Engineering uses a collaborative, interdisciplinary approach based on application of the scientific method.

Dr. Vining has extensive consulting experience, most recently with NASA and Rolls-Royce. The US Department of Defense supports his current research efforts (continuous support 2011-2025).