Dr. Ted Funk grew up on a western Illinois livestock farm and is a graduate of the University of Illinois with degrees in Mechanical Engineering (BS) and Agricultural Engineering (MS and PhD). He has over 29 years of experience in Extension work advising Midwest livestock producers on housing, energy, and manure management systems. He specializes in indoor climate control in buildings, and environmentally friendly manure management methods. Funk's interaction with Illinois agencies and commodity groups has resulted in significant changes in state livestock environmental regulations. His research interests include automatic control of biofilters, precision manure application equipment, and conversion of manure to value-added energy products. Over a period of several years, Funk has visited and lectured to swine industry groups in China, South Korea, and Mexico. Dr. Funk is the Assistant Director of Extension and Outreach for the University of Illinois Center for Advanced Bioenergy Research (CABER).