Education and Training Needs Panel

Howard N. Shapiro, Moderator
Department of Mechanical Engineering
Iowa State University
hshapiro@iastate.edu

The panel includes distinguished speakers from industry and academia with significant experience in teaching related subject matter and in researching the science and engineering aspects of engineered crops. The advent of such multidisciplinary areas creates challenges to traditional teaching disciplines and opportunities to improve teaching and learning. The panel will explore education and training needs stimulated by the emerging area of engineered crops and that academia and industry can partner to provide educational programs and delivery that allows students to develop the skills necessary for careers in related fields. As noted by Dr. Beavis, "The emergence of breakthroughs and new disciplines at the interface of engineering and plant science will require cross-disciplinary education." This will be a stimulating session as we explore these critical issues.