



Raymond Huhnke

Raymond L. Huhnke, PE, ASABE Fellow, is the recipient of the 2020 John Deere Gold Medal award for exceptional engineering and administrator achievements in advancing agricultural facilities, haying systems, and bioenergy.

Huhnke is a Regents Professor in the biosystems and agricultural engineering department at Oklahoma State University in Stillwater. He is also the director of the Biobased Products and Energy Center, and project director of the Oklahoma National Science Foundation Established Program to Stimulate Competitive Research (NSF EPSCoR). Huhnke also conducts research and has served as a team leader on several multidisciplinary, multi-institutional projects in converting low-cost biomass into liquid fuels and other value-added products using a hybrid gasification-fermentation process. Huhnke's extension and research programs have included farm structures, animal housing and facilities, farm safety, agricultural machinery management, and biomass production, handling, storage, and conversion.

Huhnke helped establish and is the associate director of the South Central Region of the Sun Grant Initiative, a grant program whose mission is to grow renewable energy and biobased industries that revitalize rural communities by harnessing science and technological capacities of land-grant university research, education, and extension programs. Since 2006, the South Central region has awarded more than \$10 million in grant funds to land-grant university based researchers within the region.

A 44-year member of ASABE, Huhnke has been extensively involved in many ASABE committees as a member and leader. He is a current member of the Energy Systems Biobased Energy, Fuels, and Products committee and the Machinery Systems Forage and Biomass Energy committee. He is also a member of the Department of Energy-USDA Biomass Research and Development Technical Advisory Committee.

Huhnke has had a very extensive publishing career and is author or coauthor of more than 100 peer-reviewed articles and more than 300 other professional publications, reports, or presentations. He has produced more than 120 extension publications and more than 60 educational tools. Throughout his career, Huhnke has received numerous awards including becoming a Regents Professor at Oklahoma State University in 2018. He was inducted into the National Academy of Inventors in 2012 and received a Partnership award for mission integration from the USDA-NIFA. He received the Sarkey's Distinguished Professor award from the Division of Agricultural Sciences and Natural Resources from Oklahoma State University. Huhnke was inducted as an ASABE Fellow in 1989.