



Hongwei Xin

Hongwei Xin, ASABE Fellow, is the recipient of the 2022 Kishida International award for outstanding accomplishments in research and education on sustainable animal production systems and techniques benefitting livestock and allied agricultural enterprises worldwide.

Xin is dean and director of UT AgResearch at the Institute of Agriculture at the University of Tennessee (UT) in Knoxville. He is responsible for the research programs of approximately 145 faculty and over 400 professional staff in agricultural and natural resources across eight academic departments. He also oversees the management of ten research and education centers in strategic locations across Tennessee, where field research, demonstrations, and education programs are conducted. In 2020, Xin spearheaded the launch of the UT One Health Initiative, an interdisciplinary program seeking to protect and promote health for all life on Earth.

Xin and his team have made significant contributions to advancing agricultural, biological and food engineering for a sustainable world through education, discovery, and technology transfer. Xin has been instrumental and actively engaged in global initiatives focusing on animal production environment, welfare, and sustainability. These initiatives bring together collaborators from academia, government agencies, professional organizations, animal industries, and NGOs around the world. Xin has also contributed to global food animal production by giving 150 invited talks around the world.

A 38-year member of ASABE, Xin has long involvement in the Structures and Environment

(now Plant, Animal, & Facility Systems) technical committees. He provided leadership in planning the seventh, eighth, and ninth International Livestock Environment Symposia. He is a founding member of the Global Expert Group on Avian Influenza and the Global Roundtable on Sustainable Egg of the International Egg Commission.

Xin's extremely prolific career has resulted in the publication of more than 600 refereed journal articles, book chapters, conference proceeding papers, and technical papers. He has been selected for many honors and awards including the Dean's Citation for Extraordinary Contributions from Iowa State University (ISU), the ISU award for Outstanding Achievements in Research, the ISU David R. Boylan Eminent Faculty Research award, and the ISU International Service Award. Xin was inducted as the Association of Overseas Chinese Agricultural, Biological and Food Engineers Fellow for 2021. He received the ASABE Cyrus Hall McCormick-Jerome Increase Case Gold Medal and the Henry Giese Structures and Environment award. In 2008, Xin was inducted as an ASABE Fellow and was inducted into the University of Nebraska Biological Systems Engineering Hall of Fame in 2018.

