Donghai Wang, professor, Kansas State University, is being honored for outstanding innovation in conversion of renewable feedstocks into bioproducts and mentorship of the next generation of biological engineers.

At Kansas State University, Wang focuses on teaching and research. His responsibilities encompass planning, organizing, and teaching undergraduate and graduate courses in the areas of biomaterials, bioprocessing, and food engineering. He serves as a major professor for both MS and PhD candidates and participates in graduate committees. He also plans, designs, and develops independent and interdisciplinary research programs related to bioprocessing and the utilization of agricultural products and by-products for value-added products such as ethanol and other bio-based chemicals and materials. Wang secures grants, presents research results at professional meetings, publishes results in refereed publications, and provides institutional and professional services.

Wang's research centers on the bioconversion of renewable materials into biofuels, chemicals, and co-products. He is renowned for his innovative near-infrared analytical method, which has advanced the understanding of biomass properties. He has secured over $28 million in research funding, including $6 million as PI, from federal and industry sources. Wang has established extensive collaborative research partnerships, contributing to large-scale initiatives. Notably, one of his research findings has become an industrial standard.

A 26-year ASABE member, Wang is an active contributor to ASABE He has served as an associate editor for the *Journal of the ASABE and Applied Engineering in Agriculture* since 2002. He served on the ASABE Publication Council and chaired the Food and Processing Engineering Publishing Group and the Rain Bird Engineering Concept award committee. He also participates in various technical panels and committees.

Wang has authored or co-authored 272 peer-reviewed journal articles, 17 book chapters, 200 meeting papers and presentations, and three US patents. His awards include ASABE Superior Paper awards, ASABE Rain Bird Engineering Concept of the Year awards, USDA Certificate of Appreciation, Frankenhoff Outstanding Research awards, Engineering Distinguished Researcher award, and the Robert and Becca Reichenberger-Carl and Mary ICE Keystone Teaching Scholar award. He is a member of the National Academy of Inventors, American Association of Cereal Chemists, the Society for Industrial Microbiology, and Association of Overseas Chinese Agricultural, Biological, and Food Engineers. In 2020, he was ranked among the top 2% of scientists worldwide in biotechnology by Stanford University. Wang is a dedicated educator, having supervised 26 PhD students, 13 MS students, and 13 post-doctoral associates, earning the Distinguished Graduate Faculty award at Kansas State University in 2020.