



Zhongli Pan

Zhongli Pan, ASABE Fellow, is the recipient of the 2022 International Food Engineering award for his innovative research and development of new food processing technologies and for global leadership in the field of food engineering.

Pan is an adjunct professor in biological and agricultural engineering at the University of California, Davis. There, he conducts research, advises graduate students, and mentors professionals in food and agricultural engineering. He develops new technologies for foods and agricultural products to improve processing and energy efficiencies, food safety, quality, and nutritional and economic values.

Pan has a distinguished career spanning more than 30 years in food engineering. He has led numerous international collaborative activities and conducted innovative research, development, and commercialization of food processing technologies. Pan's research has resulted in new infrared processing of food and agricultural products, new rice milling standards, and value-added product development from food and agricultural waste streams. The new infrared heating technologies have yielded significant savings of energy, water, and chemicals while improving food nutrition, quality, and safety as compared to existing processing techniques. Pan's new technologies have been successfully transferred to private industry and contributed significantly towards global advancement of engineering solutions to food and agricultural problems.

A 28-year member of ASABE, Pan has served as a member and leader on a number of committees. He is currently a member of the Processing Systems

Physical Properties of Agricultural and Biological Products and Machinery for Foodstuffs committees. Pan is a former trustee of the ASABE Foundation Board of Trustees. Pan has been involved in the Association of Overseas Chinese Agricultural, Biological, and Food Engineers as a member and past president. He was the president of the Chinese American Food Society and served as vice chairman of the editorial board of the *International Journal of Agricultural and Biological Engineering*.

Pan is author or coauthor of more than 400 peer-reviewed articles, book chapters and other publications. He also served as the lead editor of three books. Throughout his career, Pan has received a number of awards. Most recently he was on a team that received a 2022 and a 2019 AE50 award and was inducted as a 2020 fellow of the Institute of Food Technologists. He received the 2020 Tanner award for the most cited articles of 2017 in the *Journal of Food Science*. He was also inducted as an ASABE Fellow in 2019.

