Baoming Li is the 2019 recipient of the Henry Giese Structures & Environment award for his critical leadership in modernizing the Chinese livestock industry.

Li is a professor at China Agricultural University. By applying his knowledge in structures and environment he has contributed substantially to the advancement of the livestock industry in China. Throughout his career, Li has been instrumental in organizing and actively engaging in a number of global initiatives related to structures and environment of livestock and greenhouse facilities, animal housing systems for welfare, and regional rural development planning.

Li led the introduction and adaptation of modern livestock facility technologies into China, including controlled environment and tunnel ventilation for concentrated poultry buildings. These new technologies rapidly changed the concept of Chinese livestock producers, overall productivity, and animal welfare. He also proved the suitability of cooling pad systems for poultry production across southern China where the hot climate otherwise affects poultry. The large cage aviary unit with high production efficiency created by his team is more animal-friendly for layer production, and offers future technologies for improving the laying hen industry in China. Li was also on a team that researched the use of slightly acidic electrolyzed water for inactivation of pathogens. This technology allows for environmentally friendly biosecurity that protects the facility, personnel, and animals.

A 17-year member of ASABE, Li has been extensively involved in numerous international organizations. He was chair of the Animal Husbandry Engineering Commission of the Chinese Society of Agricultural Engineering for many years and served as the executive director of the Protected Horticulture Society of China. He also served as chief scientist of Chinese animal housing environment and engineering with the China Association for Science and Technology. Li is currently an editorial board member of Biosystems Engineering. Additionally, he has served as co-chair of the International Symposium on Animal Environment and Welfare for a number of years.

Li is the author or coauthor of more than 350 peer-reviewed articles, conference proceeding papers, and book chapters. Li has received numerous awards including two Chinese Agricultural Science and Technology awards, a Science and Technology award of Higher Education of China, and a National Science and Technology Progress award.