Chai, from University of Malaya, was appointed by the Academy of Sciences Malaysia (ASM) as the Chairperson of Young Scientists Network-Academy of Sciences Malaysia in 2018. In 2013, Chai was selected to participate in Educational Institute on Responsible Science, organized by the US National Academy of Sciences, ASM and Academy of Higher Education Leadership in Kuala Lumpur. Following this, Chai and a team of young scientists sharing similar vision, initiated responsible conduct of research (RCR) education in Malaysia and has promoted this initiative to a regional level in ASEAN recently. Chai is one of the main authors of the first Malaysian Educational Module on RCR. For her active involvement in promoting science integrity in the country, she was appointed as the member of National Steering Committee of Malaysian Code of Responsible Conduct in Research; research ethics committee and Institutional Biosafety and Biosecurity Committee of her institution.

Chai’s research focuses on the transmission of pathogens via food and water systems. Her active contribution and involvement in life science research has won her the Malaspina International Award by the International Life Science Institute (ILSI). She is now been a member of the scientific advisory panel of ILSI South East Asia Region that provides guidance and advice on the food safety and risk assessment in the region. Chai was awarded the L’Oreal-UNESCO Women in Science Award in 2018 for her great passion and achievements in science.