Professor Bo Zheng is a mathematician specializing in mathematical biology and dynamical systems. She obtained her Ph.D. in Mathematics from Hunan University in 2008 and currently serves as a professor, doctoral supervisor, and Associate Director of the Center for Applied Mathematics at Guangzhou University. For over a decade, her research has focused on mathematical modeling for mosquito-borne disease control, particularly using *Wolbachia*-infected mosquitoes. Her major contribution includes developing discrete dynamical models for the landmark 2015-2017 Guangzhou field trial published in *Nature* (2019), where her work established the optimal 5:1 release ratio of *Wolbachia*-infected males to wild males, which has become an international standard for such interventions. She has led 5 National Natural Science Foundation of China projects and received awards such as the Second Prize of Guangdong Province Natural Science Award (2024, First Completer) and the Qin Yuanxun Young Mathematics Award (2019). With over 40 publications in journals including *SIAM Journal on Applied Mathematics* and *Journal of Differential Equations*, her work is widely recognized and cited internationally. She has also visited Michigan State University twice as a Senior Visiting Scholar (2014, 2015-2016).