

Research Agenda

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With a focus and strength on Industrial Organization, Law and Economics, Environmental Economics, and Sports Economics, I am passionate about finding life-relatable research ideas and converting these ideas into solid research projects with applied theory and empirical (causal inference) methods. My dissertation, which was completed and received in July 2021 by the graduate school of the University of Connecticut, studies the strategic behaviors between two parties of conflicting interests. I studied the private enforcement in China against counterfeit producers with a game theory model. I explored, with dynamic games, one strategy that the government can take to further their profit from land-acquisition projects in another dissertation chapter and one strategy that land-deprived households can employ in response to unfair acquisition of their land. I plan to submit the first essay to the *Asian Journal of Law and Economics* for publication. I also plan to work with Dr. Thomas Miceli (a renowned expert in the field of eminent domain), to further prepare the second and third essays for publication at esteemed field journals such as the *International Review of Law and Economics*.

I also have an ongoing project that is under the domain of Industrial Organization. I construct a theoretical model to study how the YouTube Premium Membership helps YouTube to better price discriminate and gain more profit from those who cannot bear the frequency of advertisement. This study will provide insight on an innovative pattern in price discrimination and market segmentation. I have initiated discussions with a professor from Trinity College for future cooperation where she sets hands on the empirical part of this project.

In recent 2 years, my interest has turned into using causal inference methods to test the Law and Economics theories with data from the world of sports. To test the Peltzman Effect, I plan an empirical study on how the “no hand-checking” rule affects fouls, injuries, three-pointer attempts, and free throws in NBA competitions. Another ongoing project is about how the wait-time in playoffs affects a team’s performance in the NBA playoffs. This determines if teams are better off from a quicker win from the current round. I have initiated conversations with professors at the University of Connecticut for further collaboration.

I have also been consciously mentioning my research to engage students during the relevant lectures. My mastery of theoretical and empirical methods has proven effective in supporting the teaching of a wide range of economics courses. I have also successfully advised over 50 quality writing samples in the 20-21 academic year.