

## **Abstract of Doctoral Dissertation**

### **Title: Forensic Psychological Study for Criminal Justice System Reform: Saiban-in (Lay Judge) System, Transparency in Interrogations, and Plea-Bargaining System**

Doctoral Program: Major in Informatics of Behavior and Cultures  
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This dissertation addresses the issues of (1) the historical consideration on the collaborations in conducting forensic psychological studies, (2) the need of overviewing studies based on the domestic Justice system, and (3) the empirical investigation on issues emerged from the newly designing or reforming the legal system, especially Criminal Justice system in Japan.

In the first part, the author reconsiders the current state of forensic psychological studies and its relationship to Justice system, in conducting the studies with historical perspectives. The author examined forensic psychological studies in the early days of it, the debate in its area in 1909, the trends of related publications after the World War II, and the development of and the evaluations from society to lie detection studies. The author also considered the relationships between the forensic psychological studies and Justice system at the time.

In the second part, the author examined the biases related to *Saiban-in* (Lay Judge) system, in order to reply to the need of the studies based on the domestic Justice system. The author conducted two experimental studies. One was to examine whether or not the information of nationality of an accused person had impacts on the evaluation to the person. The other was to examine whether or not the ways of presenting videotaped movie had influence on the evaluations to a person acting in the movie.

In the third part, the author discussed the need of evidence-based reform of Criminal Justice system. the author overviewed the Criminal Justice bill enacted in 2016 in Japan and its background,

and considered the psychological issues related to the bill. By conducting experimental studies on transparency on interrogations and plea-bargaining, the author examined the psychological issues in the system aiming to avoid false accusations by conducting 2 experimental studies.

Finally, the author discusses how the author can make a productive relationship between forensic psychological studies and Criminal Justice system.