

Summary of Dissertation

The study examines university-industry collaboration. Specifically, it investigates

- a) the influence of characteristics of universities and firms on collaborative modes and
- b) the influence of mode on outcome by using cases of Japan and Thailand as representatives of developed and developing countries respectively.

The salient findings are summarized as follows. In Japan and Thailand, university type and firm characteristic (firm size and industrial sector) influence collaboration mode. With regard to the collaboration mode, the university and industry collaboration in Japan is based on R&D activities and technology licensing whereas Thailand's university and industry collaboration is based on cooperative education and consultation. Consultation mode seems to be important for Thai case. More importantly, when consultation mode is used to complement to other modes such as R&D mode and cooperative education mode, it seems to relate to collaboration outcomes. Type of collaboration mode influences collaboration outcome. Different collaboration mode influences different outcome. Intellectual property is an important collaboration outcome for Japanese case whereas product and process innovation, and product and process improvement seem to be collaboration outcomes for Thai case.