1. Social identity studies
   1. Effect of project identity on organizational citizenship behavior in construction project – cross-level study (general contractor vs subcontractor) / comparing different delivery method
   2. Investigating the antecedents of workers’ identification with their project (Leader-Member Exchange, Leader-Leader Exchange, Leadership style, Perceived Organizational Support)
2. Safety behavior study
   1. Effectiveness of theory based interventions (e.g., messages based on protection motivation theory) to improve safety behavior
3. Sensing study
   1. Using physiological sensory data to understand workers’ safety behavior (explanatory study – statistical analyses – machine learning and prediction)
4. Energy Saving Behaviors
   1. The effect of social identities on energy saving behaviors in the university dormitory
   2. Framing effect on energy saving behaviors (how to frame the bill can make a significant change in energy savings)
5. Behavioral economics and construction management
   1. Framing effect on (behavioral economics) the risk decisions related to construction operation
   2. Effect of framing on the project performance (using agent based modeling or system dynamics)
6. Integrating agent based modeling and discrete event simulation (absence behavior)
7. Social Network Analysis
   1. Analysis network structure of construction drawings in nuclear power plants
   2. Identifying a critical component in general contractors’ subcontracting structure using social network analysis
   3. Developing system to share earthwork information among the construction sites.