QHS Special Seminar

Tuesday, September 19, 2017
10:00AM – 11:00AM

Albert Sherman Building, AS9-2072

“From Data to Decision: Improving Decision Making with Electronic Health Records Data”

Presented by: Hyunggu Jung, PhD

In this talk, Dr. Jung will present his recent research efforts in the fields of biomedical and health informatics, human-computer interaction design, and artificial intelligence. During his PhD studies, his research has been focused on the early-stage development of innovative technologies that enable healthcare transformation from reactive and hospital-centered to preventive and person-centered. For the rest of the talk, he will focus on describing his approaches using design methods and mathematical models with Electronic Health Records (EHR) data for improving decision making. He will conclude with his future research directions, including the development of tools that leverage EHR data by reflecting the needs and barriers of multiple stakeholders (e.g., patients, health providers, and clinical researchers), and the development of mathematical models for predicting the spread of multiple types of cancers by integrating clinical data.

Sponsored by: UMMS Department of Quantitative Health Sciences (QHS), Health Informatics and Implementation Science Division