Yasser Shoukry UMD

Objectives

- Utilize CPS infrastructure for better management of city services, taking responsibility for monitoring the needs of its citizens.
- Develop a framework to estimate the location of people-in-need from sporadic measurements.
- Develop a proof-of-concept implementation of food supply-demand management for people-in-need.

Key Challenges

- System-scale information fusion and planning algorithms.
- Principles, interaction techniques and measures for smart city CPS with humanin the loop.
- Develop communication channels for smart city community services.
- Study the social effect

Students

- Debbie Tsai (UCLA)
- Vincent Kang (CMU)
- Lisa Otto (CMU)



