

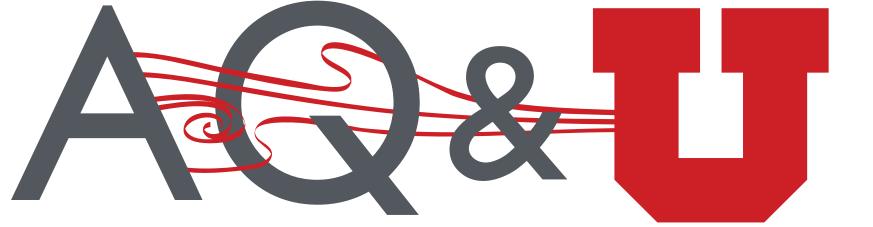
empowering citizens through science



GOAL: Utilizing commodity sensors and an engaged community, build a framework to estimate and communicate air quality microclimates in an urban environment.

Miriah Meyer, University of Utah miriah@cs.utah.edu





empowering citizens through science FRAMEWORK

open data visualization, open data API, personal informatics

mapping system spatiotemporal maps, privacy

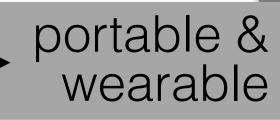
communications *leverage* existing infrastructure

sensor network low cost



Miriah Meyer, University of Utah miriah@cs.utah.edu

statistical modeling, uncertainty,



connected community:

citizen scientists, businesses, local government, students

