Learning from the Travel Experiences of Persons with Disabilities (PWDs): Investigating Navigation Challenges Posed by Infrastructure

• **Funding:** Mountain Plains Consortium; CAP Seed Grant; Presidential Initiative on Urban and Place-Based Research (Dates active: 2019-2022)

• **Keywords:** app; disability; tracking; sidewalks; infrastructure

• **Objectives:**
  • Investigate the micro-travel (trajectory, mode of travel, speed, gradient) of daily trips undertaken by PWDs.
  • Study the limitations imposed by weather on the mobility of subjects.
  • Advance knowledge for seasonal polices for the mobility of subjects.
  • Collect baseline data during COVID-19 to compare to future data collection efforts.

• **Methods:**
  • Focus groups; Smartphone app to track mobility; Short survey

Manish Shirgaokar  Wesley Marshall  Ryanne Hilbert  Sohil Vaidya
(Urb. Reg. Plng.) (Civ. Engg.) (PhD Student) (Comp. Sci. Student)