



Planning a Participatory Research Project on Environmental Justice in Manchester, NH

Sabrina Kadariya

Mentors: Dr. Semra Aytur, Dr. Robert McGrath

Department of Health Management and Policy, University of New Hampshire, Durham, NH



sabrina.kadariya@unh.edu

Introduction

- Manchester, New Hampshire (NH): The Queen City, or the biggest city in northern New England. It has over 112,000 residents in this city and 400 miles of streets
- As you go down the “tree streets” of Beech, Maple, Pine, and Chestnut, the amount of maintenance and attention these streets get compared to the North End of Manchester is disappointing.
- These once “well-kept” streets are now full of potholes, traffic of 6,000-7,000 cars a day, and alarming rates of crime.

Research Questions

- What are the residents of Manchester, NH feeling about their surroundings?
- How do they use their surrounding environment?

Methodology and Timetable

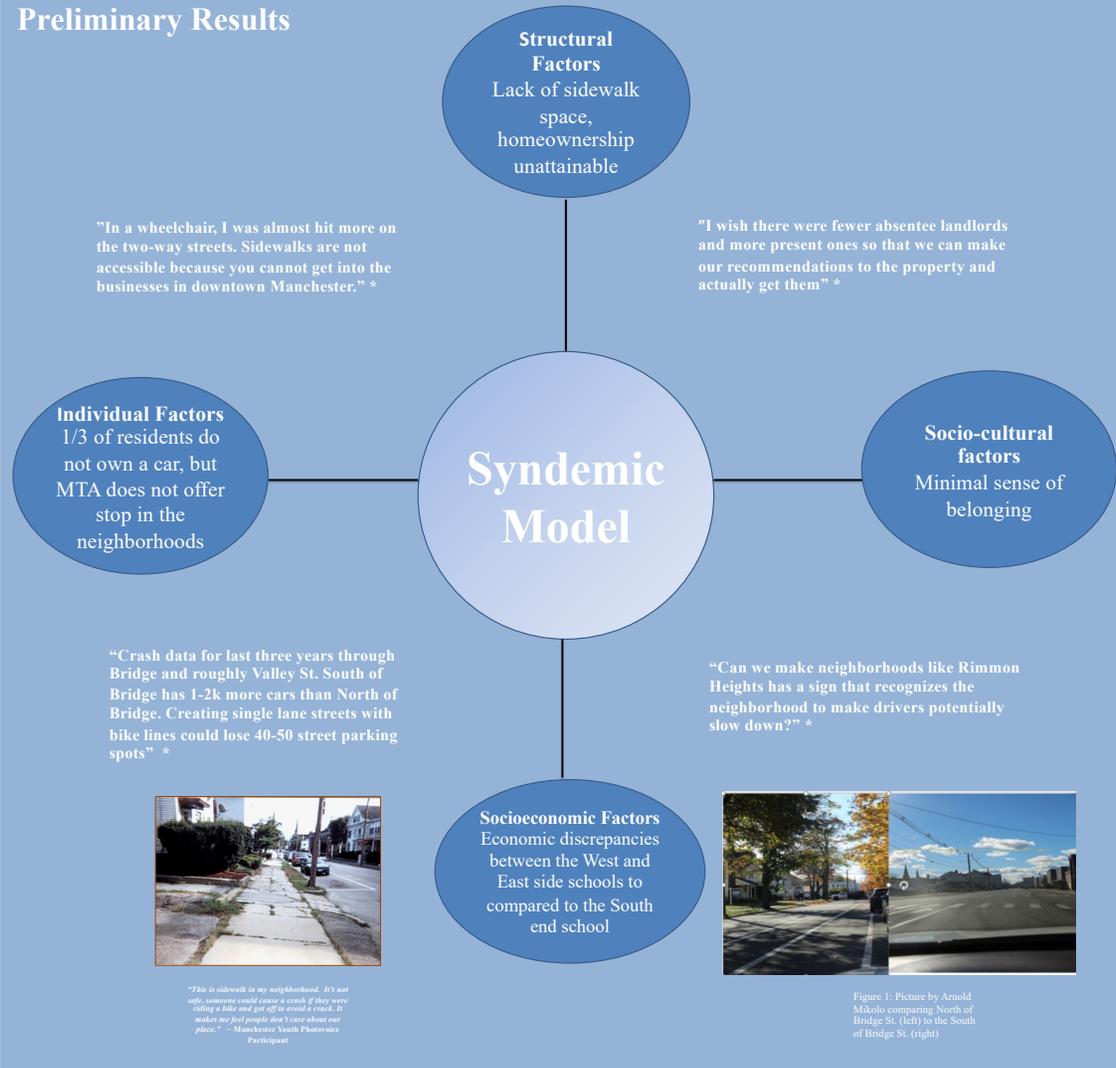
March 2022	Researcher identified the four streets that they will focus on during the time of their research. (Maple, Pine, Chestnut, and Beech Street)
May 2022	Start IRB proposal and submit by June 1 st
August 2022	Begin looking for listening sessions and find participants
September 2022	Start conducting interviews/collect Photovoice pictures and captions
October-December 2022	Continue conducting interviews/collecting pictures and captions. Start to input them into the Photo Mapping system.
January 2023-March 2023	Begin analyzing data gathered, pinpointing differences in quality of environment through Manchester. Complete data analysis. Finish writing research article.
April 2023	Present at Undergraduate Research Conference

Interviews will be conducted with residents of Manchester, NH.

Collect Photovoice data

Insert the pictures and interviews into the Geomapping system

Preliminary Results



*Quotes taken from Maple St Neighborhood Listening Session

Summary

Manchester, New Hampshire is home to the poorest neighborhoods in New Hampshire. These neighborhoods lack typical characteristics that one would imagine a neighborhood has in a suburban city. This includes street trees, adequate bike lanes, green spaces, and low crime rates. The gap between poverty and middle class seems to be increasing because of the rising costs of living. By connecting with the residents of these areas by interviews and using Photovoice, it is possible to narrow down what exactly the community needs.

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Citations

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Figure 1: Picture by Arnold Mikolo comparing North of Bridge St. (left) to the South of Bridge St. (right)