

The background of the slide is a photograph of the Charles E. Young Research Library at UCLA. The building is a modern structure with a prominent white facade and a series of vertical concrete fins that create a grid-like pattern. The entrance is visible, with people walking on the steps. The text "CHARLES E. YOUNG RESEARCH LIBRARY" is inscribed on the building's facade above the entrance.

CHARLES E. YOUNG RESEARCH LIBRARY

**SAR ZERO WASTE
TEAM
MIDTERM
PRESENTATION**

Malcolm Au, Natasha Oviedo,
Gustav Fiere, Elizabeth
Tanner, & Kate Zeile

Stakeholder: Kikei Wong
(UCLA Zero Waste
Coordinator)



1

PROJECT INTRODUCTION



Research Question

How will an education based campaign over the course of seven weeks affect the waste streams created on a given day at Young Research Library (YRL)?

Project Description

We are studying the waste streams created by students and staff at YRL. We will complete a 7 week campaign that will consist of improving and posting pedagogic signs at selected locations around YRL, placing 15 compost bins around the building, and tabling with informational and interactive displays during select library hours.



2

GOALS



GOALS

- Understand Waste Patterns at YRL
- Collaborate
- Learn more
- Ask if our work had an impact



3

PROGRESS

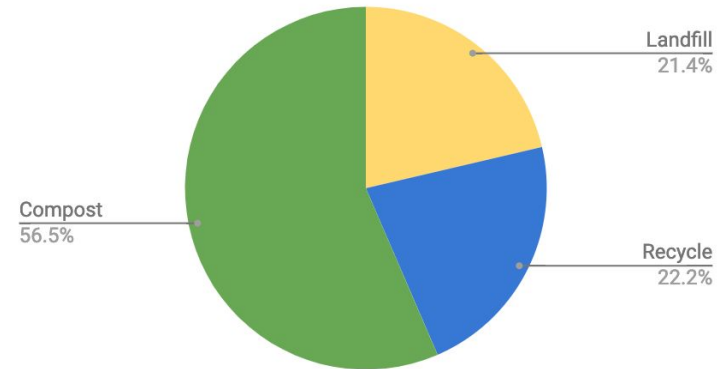


YRL Waste Audit 2/20

WASTE AUDIT

- 500 lbs of waste was sorted on the Wednesday of Week 7
- Significant amounts of food packaging, including coffee cups and plastic utensils, food waste, and paper were found

YRL Waste Audit Results

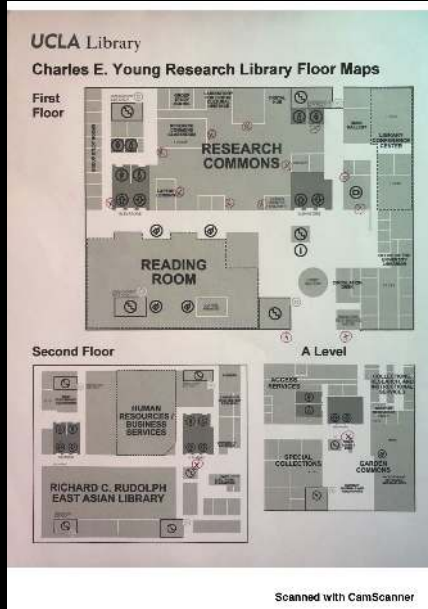




SIGNAGE

- The team designed 8 signs that have been sent to Young Research Library for approval to have up by Finals Week
- The signs contain imagery and short explanations on how to dispose of common products that were found during the waste audits





ADDITION OF COMPOST BINS IN YRL

HOW MANY

15 bins confirmed

WHEN & WHERE

The compost bins will be placed in YRL during Spring Break

- Floor 1
- Cafe 451
- Staff Kitchen Areas (pending)



4

CHALLENGES

A photograph of five people wearing white protective suits, standing behind several large green and blue plastic bags filled with waste. They are positioned in front of a wall with peeling paint. A white rectangular box with the word 'Challenges' in bold black text is overlaid on the image.

Challenges

CHALLENGES

Planning & Communication:

Our first waste audit had to be rescheduled due to waste being picked up the morning we were supposed to do the waste audit.

Products brought in from outside UCLA:

Styrofoam: Banned from sale on campus but brought in from outside sources

Coffee cups: Library users bring in coffee from Starbucks and other stores. There is a lack of information as to how these cups can be disposed of, creating a challenge on how to educate people on the disposal of these cups.

Future campaign challenge: Catching library users' interest

A photograph of a row of approximately 15 plastic bags lined up against a weathered, light-colored wall. The bags are in three colors: blue, green, and yellow. The blue bags are on the left, followed by a cluster of green bags, then more blue bags, and finally a row of yellow bags on the right. The wall behind them is peeling and stained. A small tree branch is visible on the far left, and a wooden post is on the far right. A semi-transparent dark grey rectangle is overlaid on the center of the image, containing the text '5' and 'PLANS FOR SPRING'.

5

PLANS FOR SPRING

Campaign

OUR PLAN

- Post and maintain signage
- Educational flyers and pamphlets
- Interactive displays
- Games and giveaways

OUR GOAL

- Educate and raise awareness



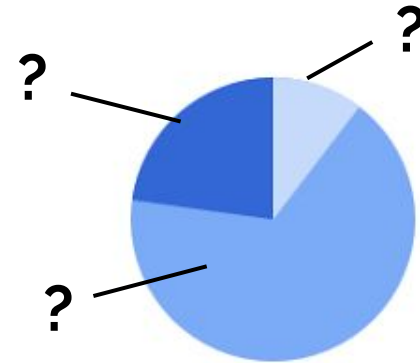
YRL Waste Audit 5/15

OUR PLAN

- Week 7 of Spring Quarter
- Sort waste and gather data
- Compare to data from previous waste audit

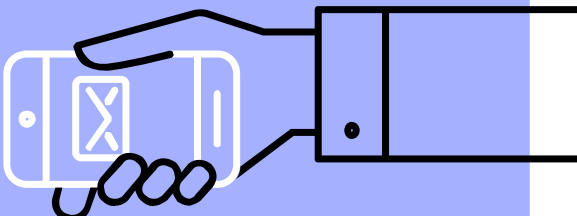
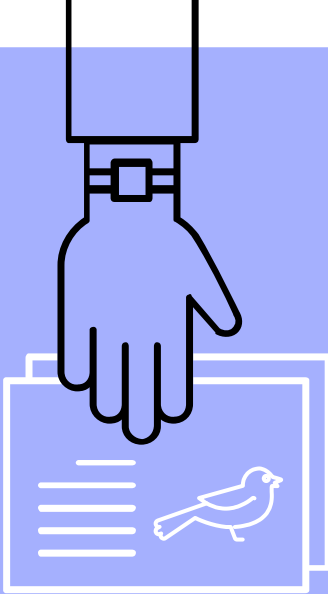
OUR GOALS

- Assess effectiveness of campaign
- Less waste to landfill
- GREATER WASTE DIVERSION

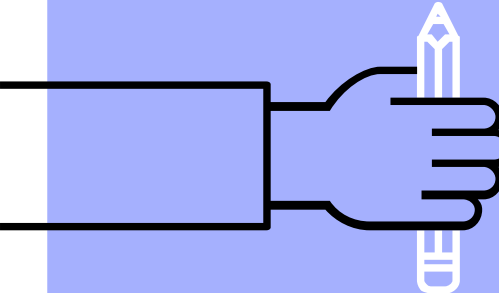


A group of five young adults (three women and two men) are standing outdoors in front of a pond and trees. They are all smiling and looking at the camera. The person on the far left is a man with dark hair, wearing a black turtleneck and blue jeans. The second person from the left is a woman with long brown hair, wearing a grey long-sleeved shirt and black leggings. The third person is a woman with long brown hair, wearing a dark blue turtleneck and a tan skirt. The fourth person is a woman with long brown hair, wearing a white long-sleeved shirt and blue jeans. The person on the far right is a man with short dark hair, wearing a black turtleneck and khaki pants. The background features a pond, a hedge, and trees. The text "THANK YOU!" is overlaid in the center of the image.

THANK YOU!



Assessing Emerging Active Transportation Options at UCLA



SAR Transportation Team

Maddie Jordan, Brooke Shimasaki

Natalie Gonzalez, Anna Weir, Kyle Willenborg
Stakeholder: Jimmy Tran, Active Transportation
Planner



“

*“UCLA students call
about 11,000 Uber and Lyft
rides that never leave
campus every week...”*

Manya Kidambi, Daily Bruin

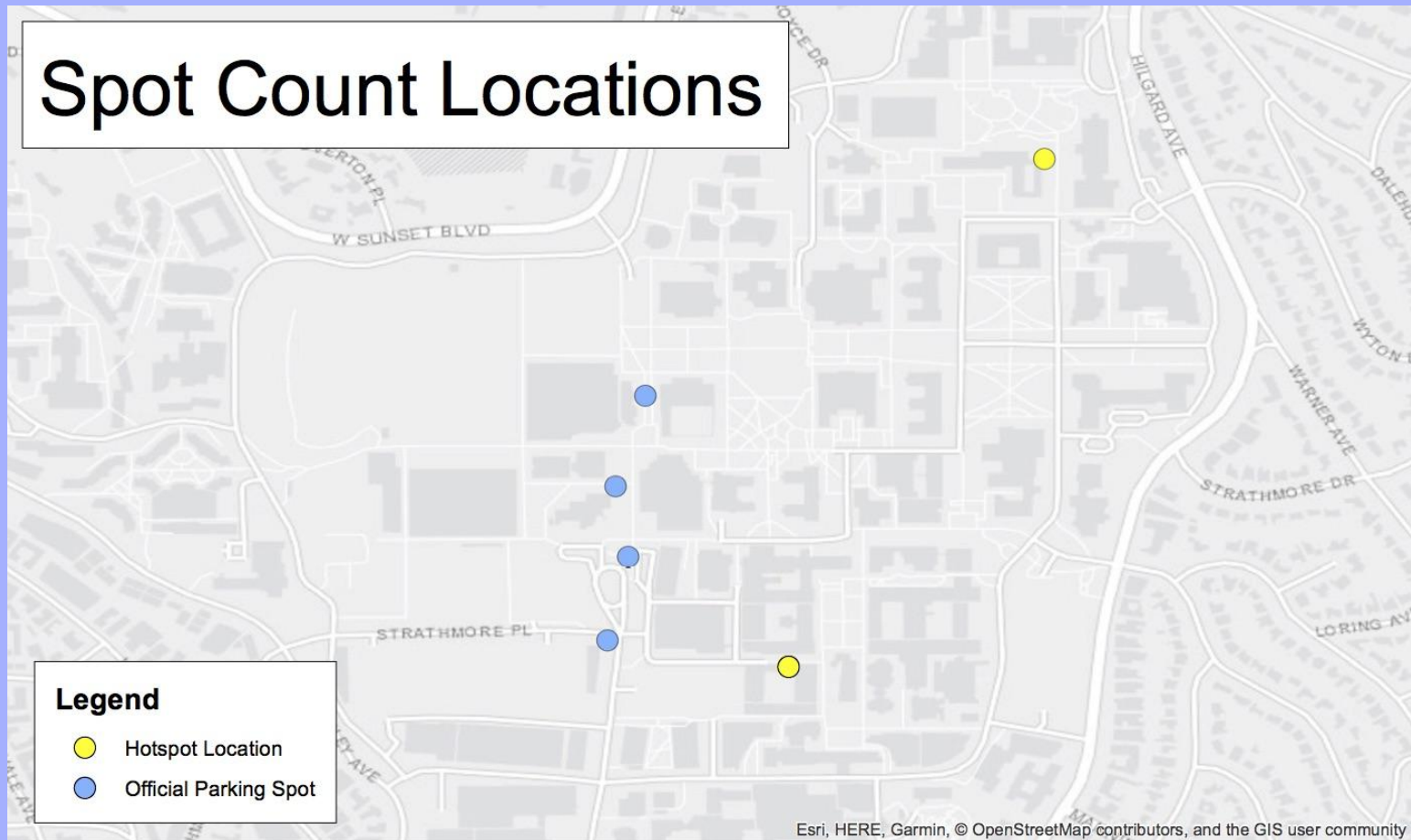
Project Goals:

Better Understand the Use of E-scooters Across Campus Through...

- ▷ Attitude survey
- ▷ Spot-Counts: 4 current parking locations and 2 hot-spot areas
- ▷ Campaign encouraging safe e-scooter use as a sustainable mode of transportation (informed by attitude survey)

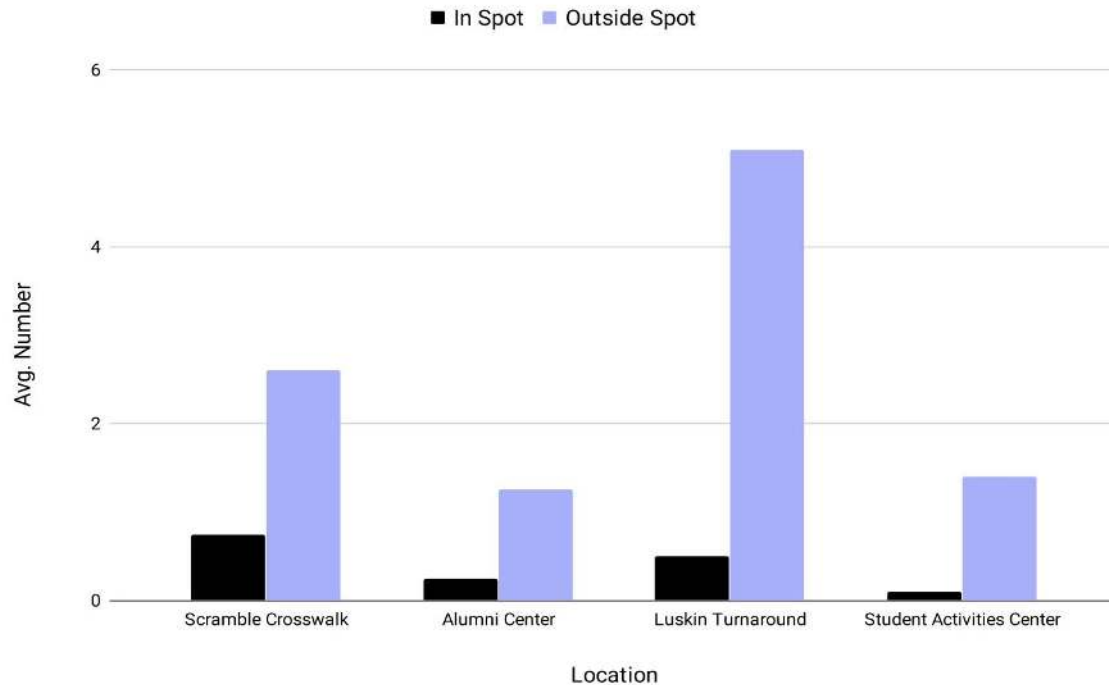


Spot Count Locations



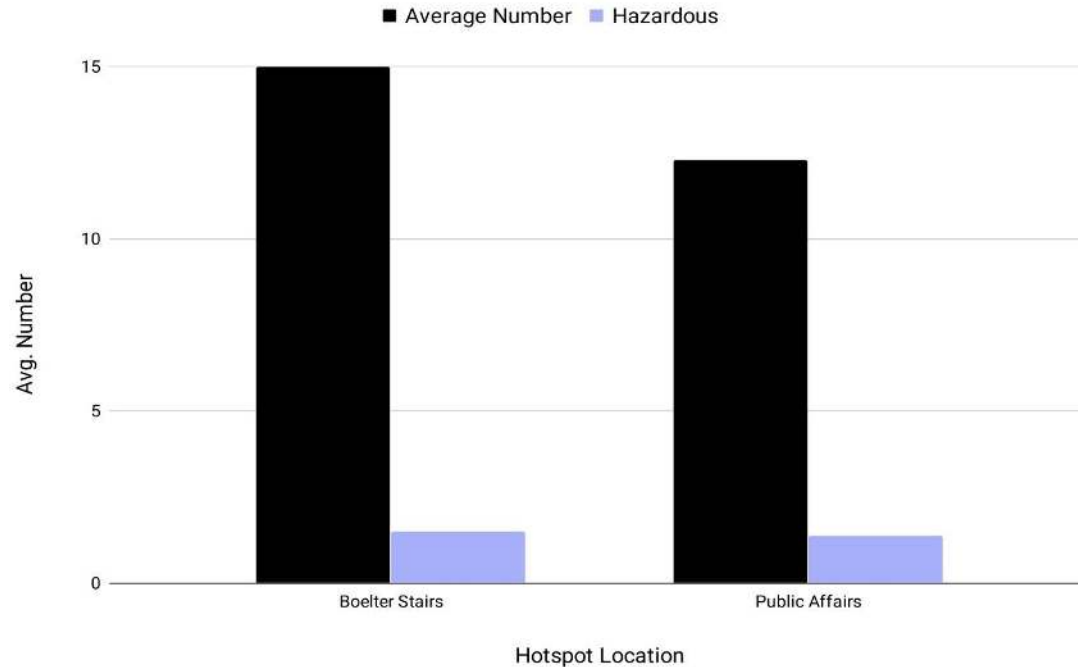
Parking Spot Data

Average Number of E-Scooters Inside and Outside of Official Parking Spots



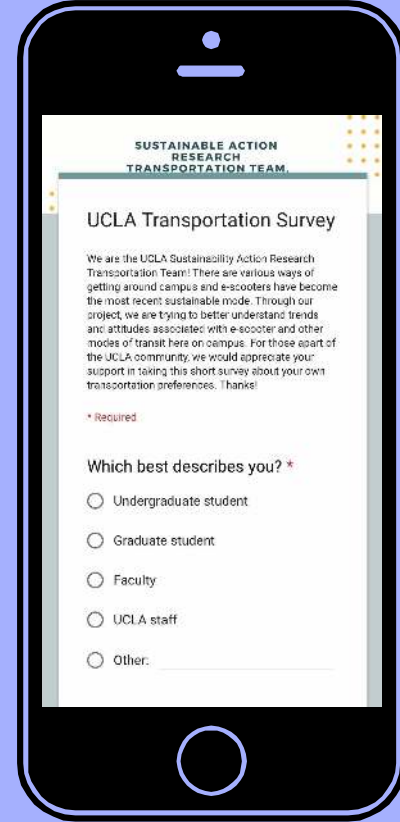
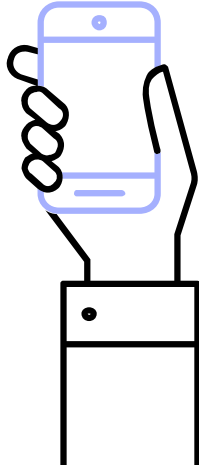
Hotspot Data

Average Number of E-scooters Parked in Hotspot Zone and Average Number of E-Scooters Parked Hazardously



Attitude Survey

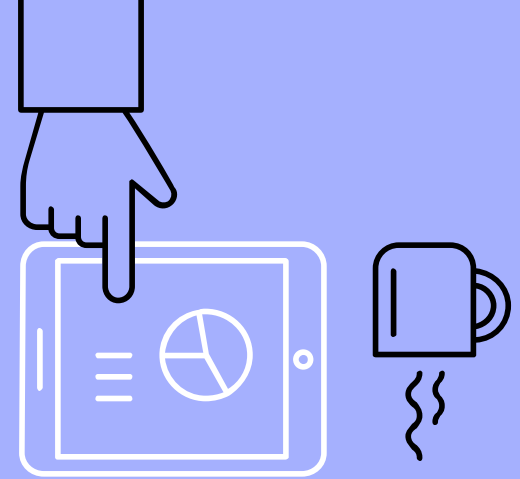
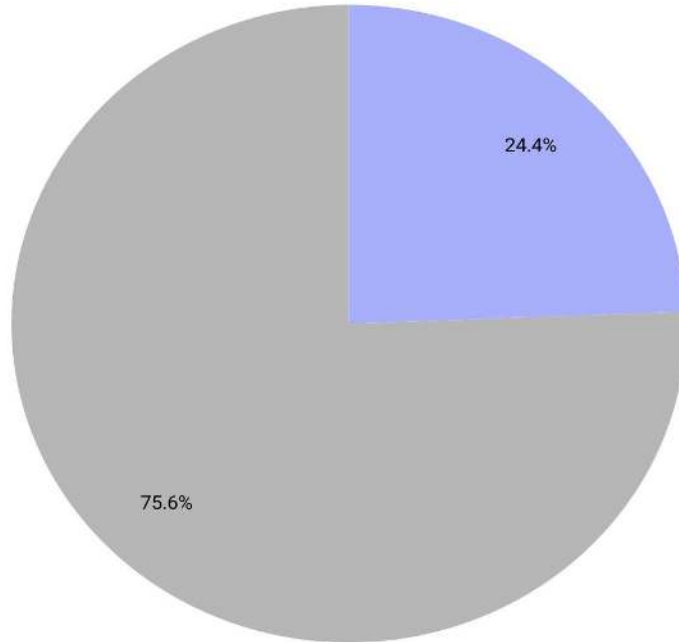
- ▶ First page
 - Demographic questions and e-scooter use
- ▶ Second page
 - If yes, habitats and motivations for e-scooter use
 - If no, preferred mode of transportation



Have you ever used an e-scooter on campus?

Have you ever used an e-scooter on campus OR as a way to get to/from campus?

- Yes, I use e-scooters on campus.
- No, I don't use e-scooters on campus.



Challenges and Difficulties

Working out our scope

Interest in a long term campaign vs. time constraints

Coordination with other departmental projects

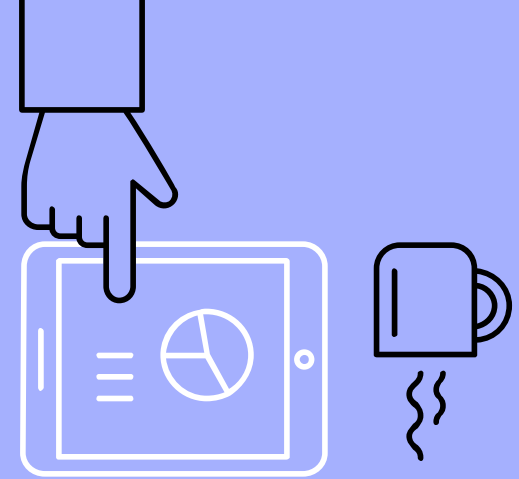
Transportation department has additional projects

Temporary a-frame parking signage

Similar research group

Sustainable LA Grand Challenge

Transportation Team



26



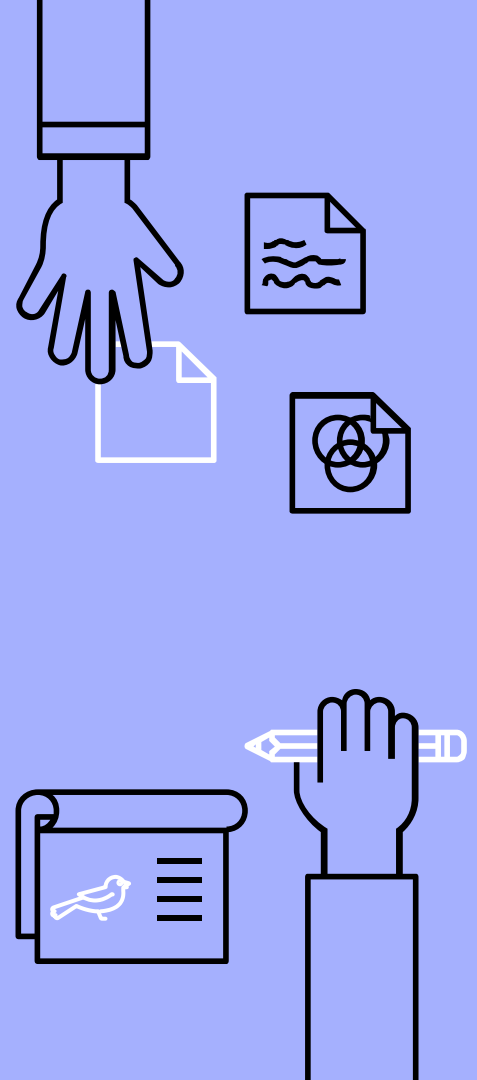
SPRING QUARTER GOALS

CONTINUE COLLECTING DATA

- ▶ Spot counts (until week 5)
- ▶ Surveys (for 4 weeks)

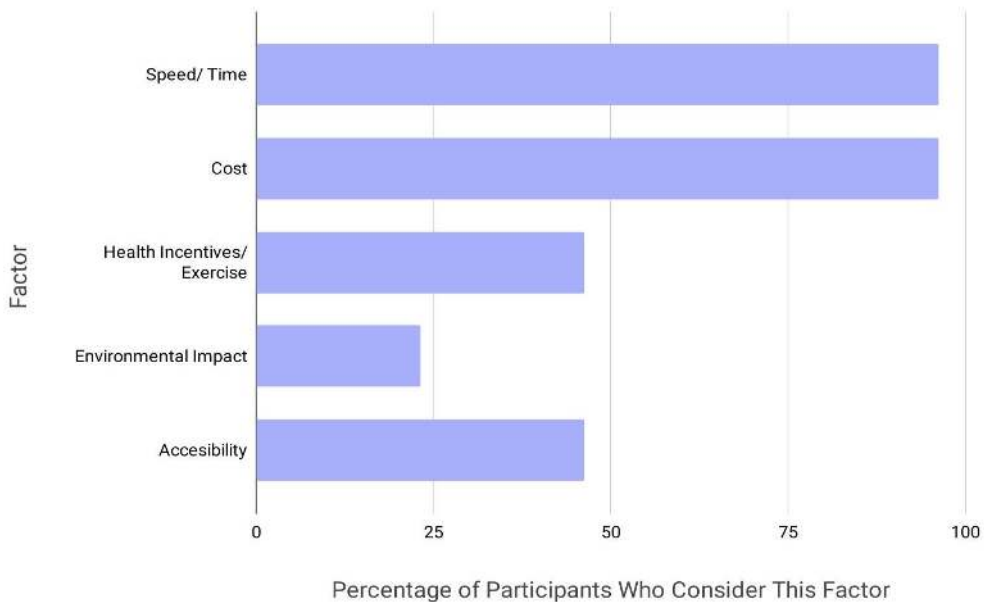
DEVELOPING CAMPAIGN AND FLYER

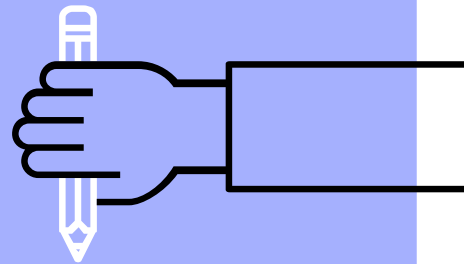
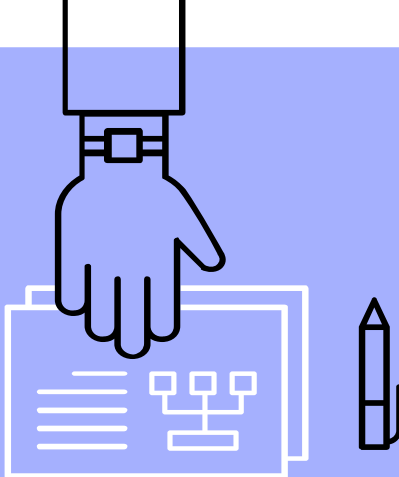
- ▶ Using data to inform campaign focus
- ▶ Creating infographics
- ▶ Flyering at ride hailing locations



Survey Informing Campaign

What factors do you take into consideration when choosing a transportation mode?





Thank you!

