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 grid of vertical concrete fins. The entrance is visible, with people walking on the steps. The text is overlaid on a white rectangular box in the center of the image.

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

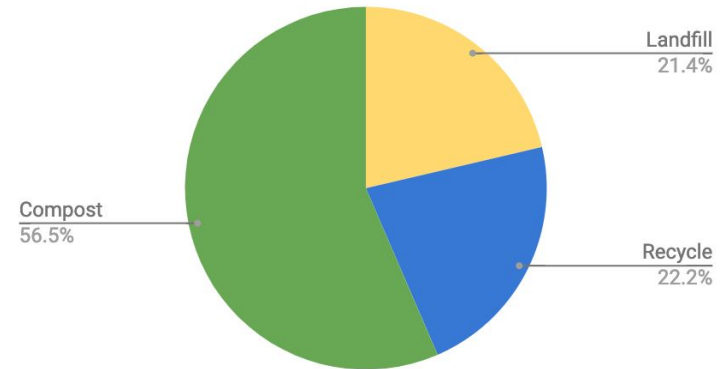


YRL Waste Audit 2/20

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



Coffee Cup

CAFE 451 COFFEE CUP:
SLEEVE, LID, AND CUP ARE
DISPOSED IN THE COMPOST BIN



OTHER COFFEE CUPS:
DISPOSED IN THE LANDFILL DUE TO
UNCOMPOSTABLE MATERIALS SUCH AS
PLASTIC LININGS

**GO ZERO-WASTE AND
BRING YOUR OWN
REUSABLE CUP**

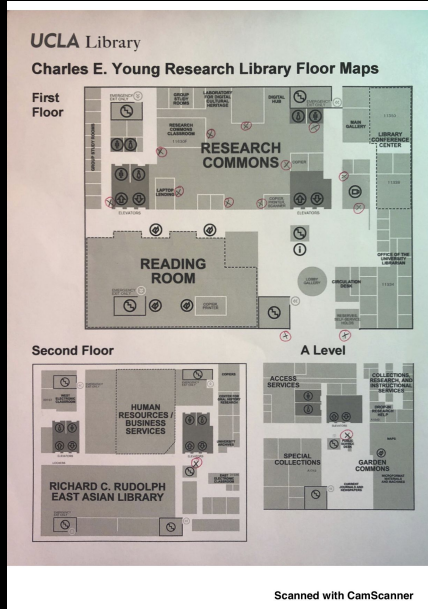


HELP UCLA GO ZERO WASTE BY 2020

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

| Compost | Recycle | Landfill |
|--|--|--|
| <p>Food</p> <p>Soiled Paper</p> <p>Green-ware</p> | <p>Paper</p> <p>Clean Cardboard</p> <p>Hard Plastic</p> <p>Metal</p> <p>Glass</p> | <p>Snack Wrappers</p> <p>Styro-foam</p> <p>Soiled Plastic</p> |



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 trash. 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



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



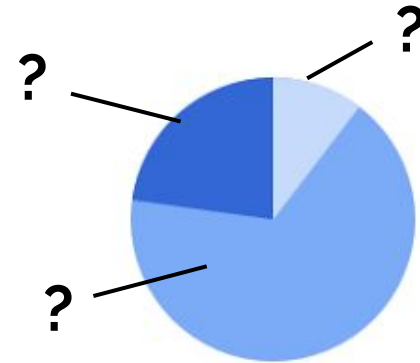
YRL Waste Audit 5/15

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 together outdoors in front of a pond and trees. They are all smiling and looking towards the camera. The group is composed of two men on the ends and three women in the middle. They are standing on a brick-paved area next to a stone wall that borders a pond. In the background, there are green bushes, trees, and a building with a red roof. A semi-transparent black banner with the text "THANK YOU!" is overlaid across the center of the image.

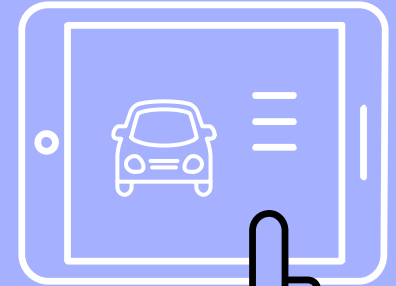
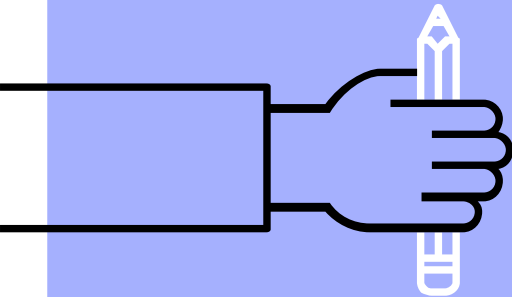
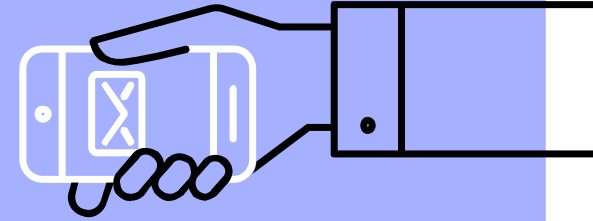
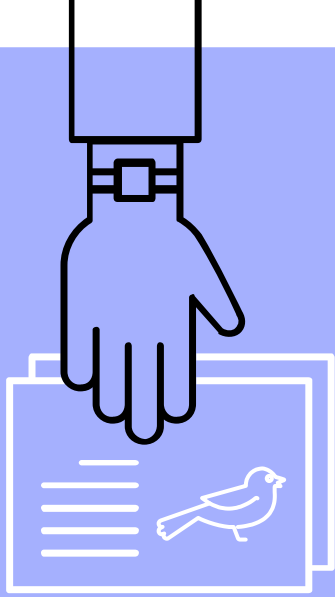
THANK YOU!

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

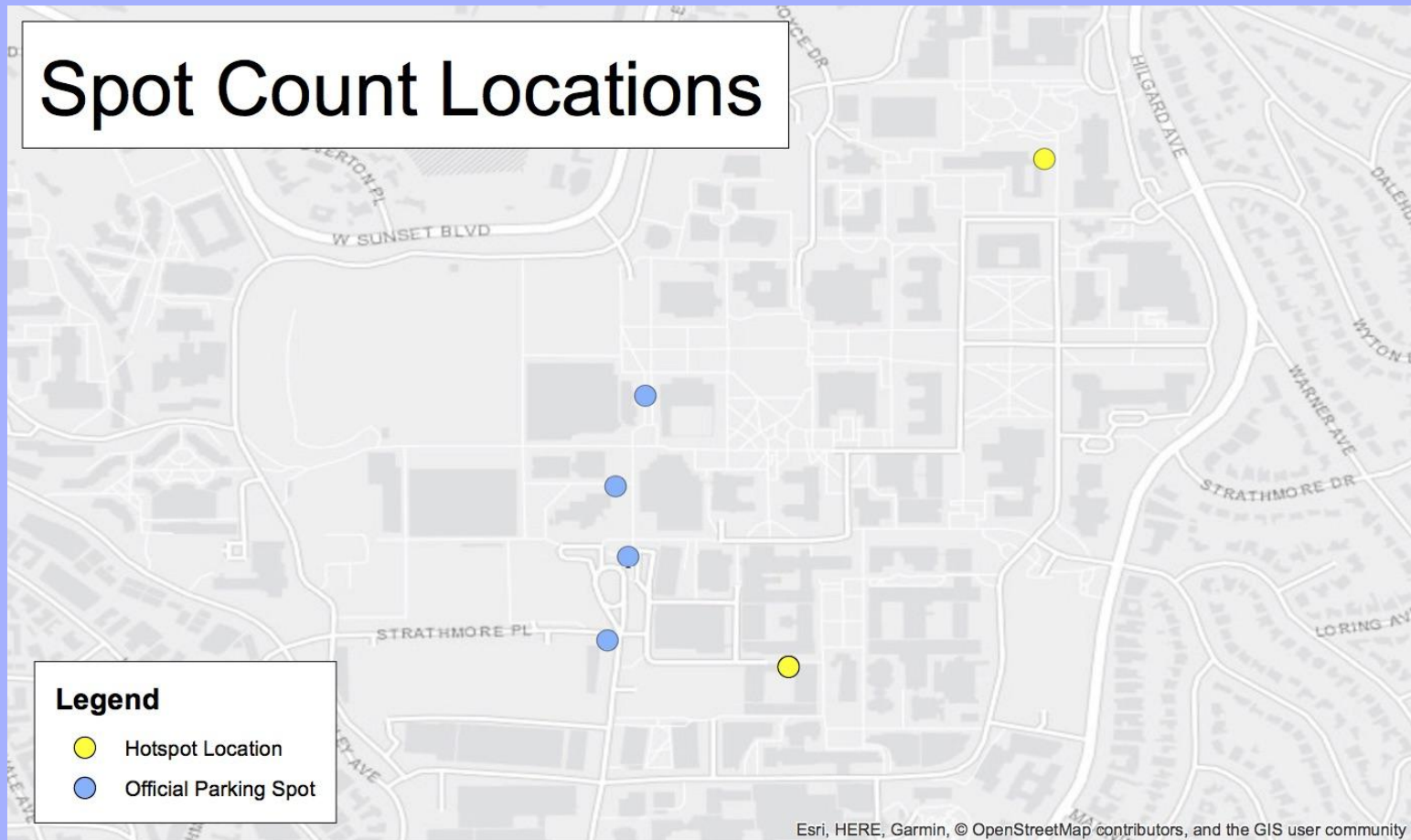
Project Goals:

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)

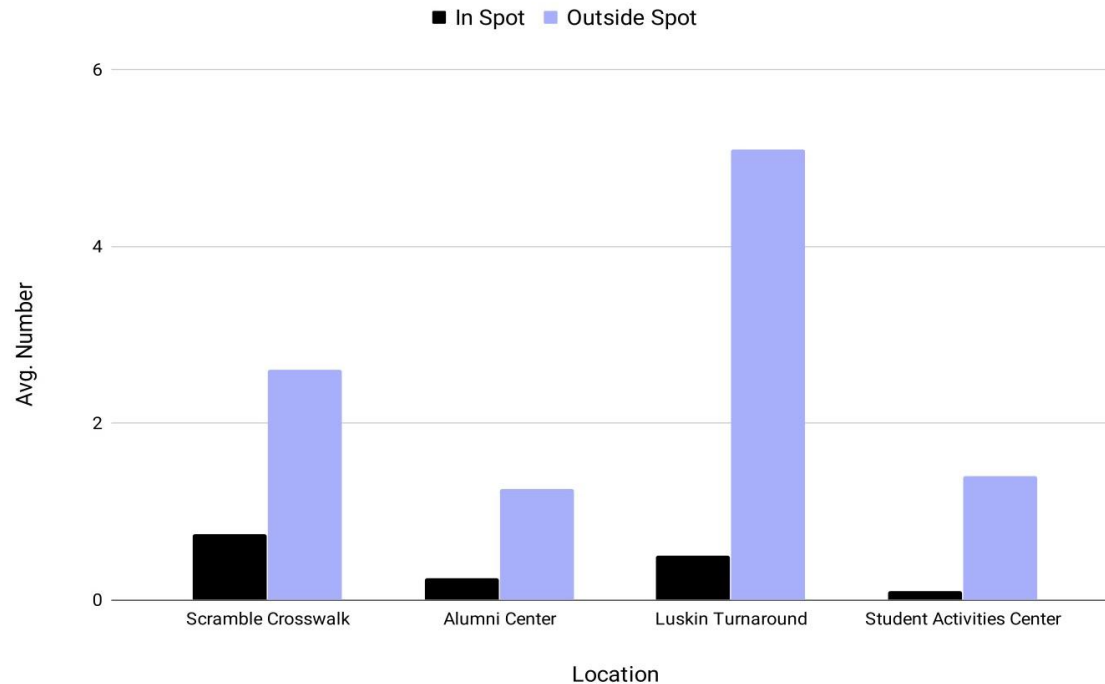


Spot Count Locations



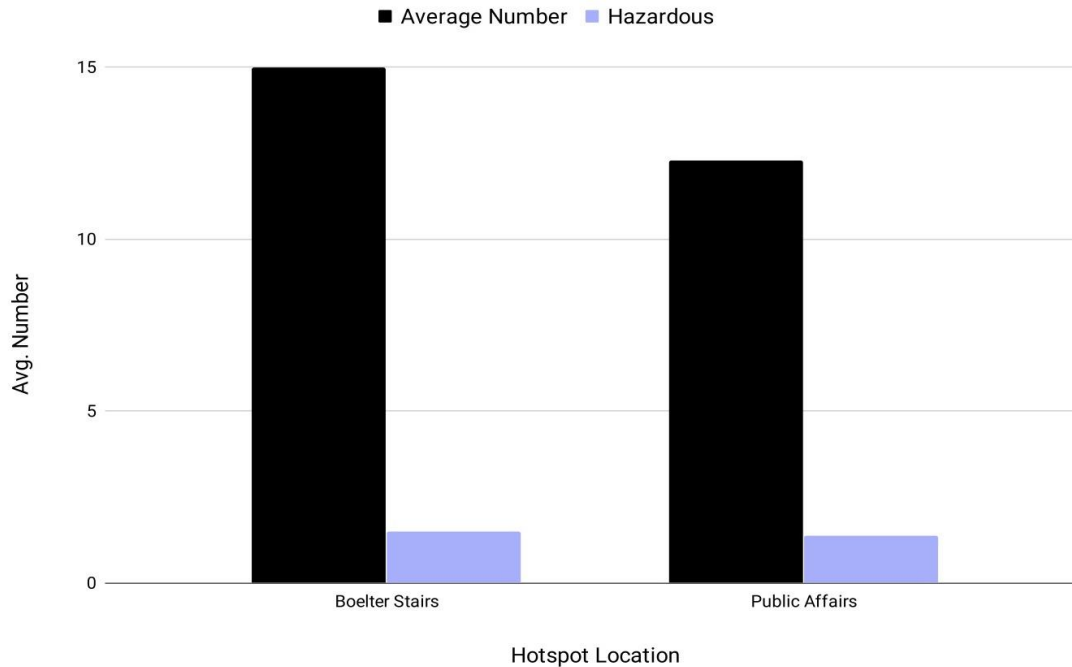
Parking Spot Data

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



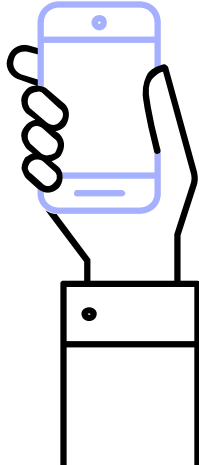
Hotspot Data

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

A black smartphone with a white screen displaying a survey. The screen content includes the title 'UCLA Transportation Survey', an introductory paragraph about the UCLA Sustainability Action Research Transportation Team, a red asterisk indicating required questions, and a list of radio button options for 'Which best describes you?'. The options are Undergraduate student, Graduate student, Faculty, UCLA staff, and Other. The phone has a black bezel and a home button at the bottom.

SUSTAINABLE ACTION
RESEARCH
TRANSPORTATION TEAM.

UCLA Transportation Survey

We are the UCLA Sustainability Action Research Transportation Team! There are various ways of getting around campus and e-scooters have become the most recent sustainable mode. Through our project, we are trying to better understand trends and attitudes associated with e-scooter and other modes of transit here on campus. For those apart of the UCLA community, we would appreciate your support in taking this short survey about your own transportation preferences. Thanks!

* Required

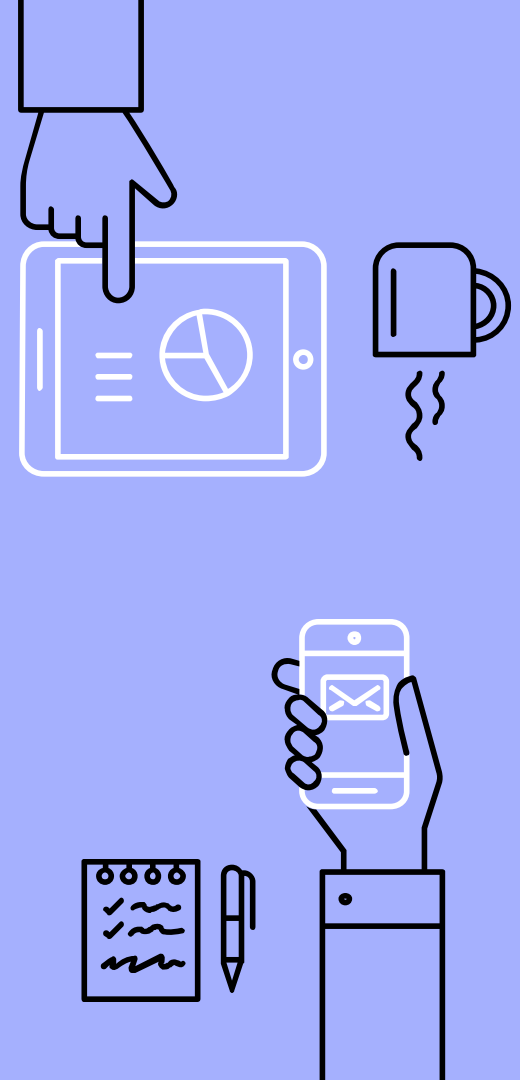
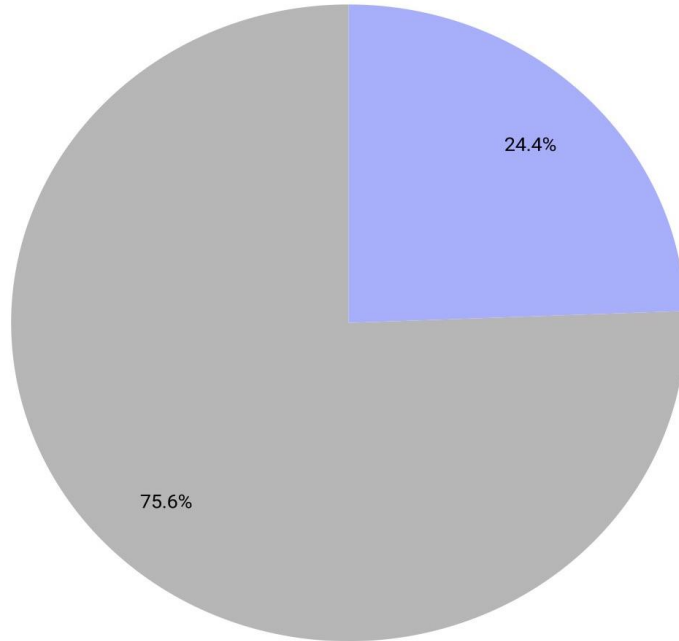
Which best describes you? *

- ☐ Undergraduate student
- ☐ Graduate student
- ☐ Faculty
- ☐ UCLA staff
- ☐ Other: _____

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

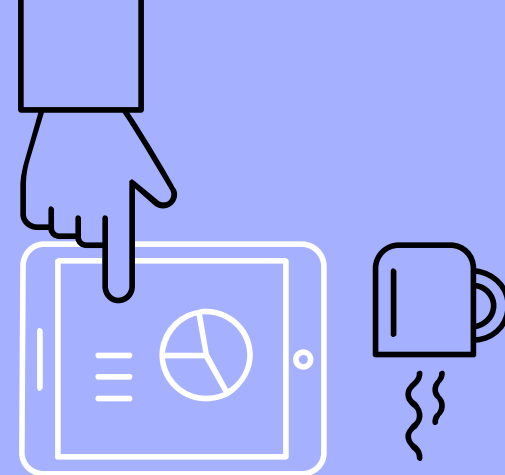
Transportation department has additional projects

Temporary a-frame parking signage

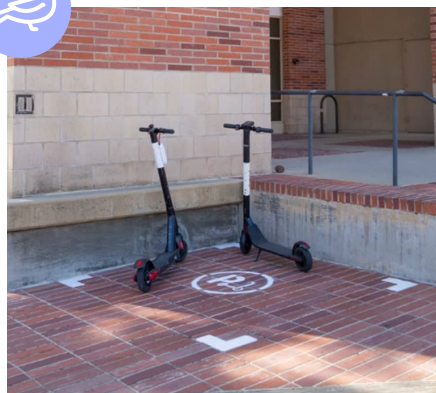
Similar research group

Sustainable LA Grand Challenge

Transportation Team



26



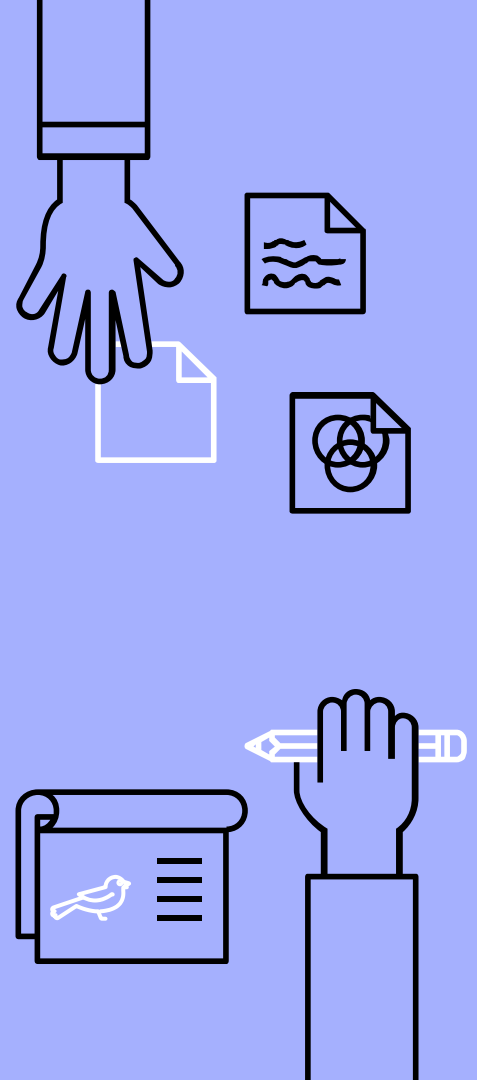
SPRING QUARTER GOALS

CONTINUE COLLECTING DATA

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

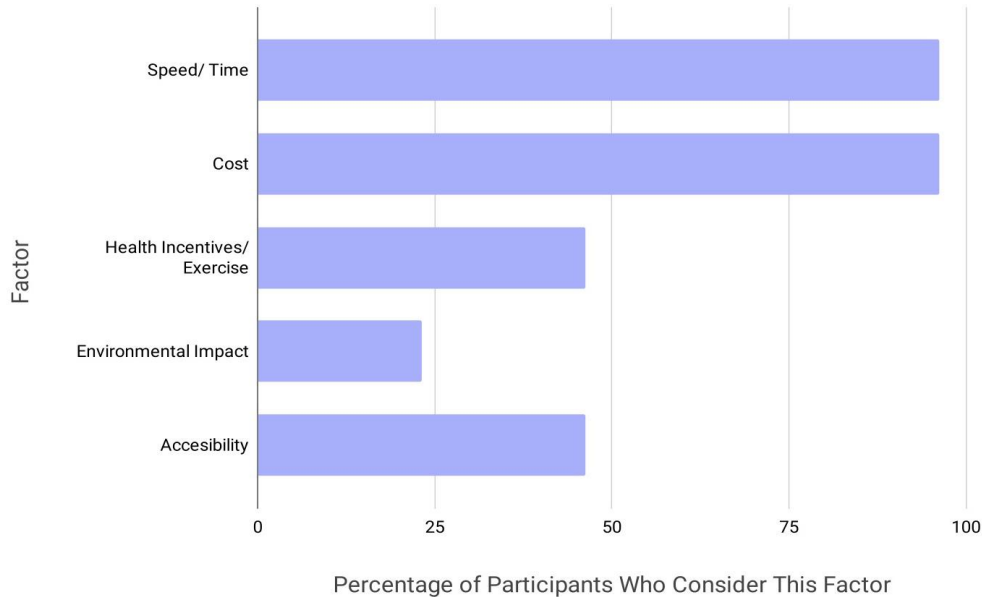
DEVELOPING CAMPAIGN AND FLYER

- ▶ 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!