BEHAVIORAL TDM

April, 2020



15% of America's annual emissions come from car transportation

9794877

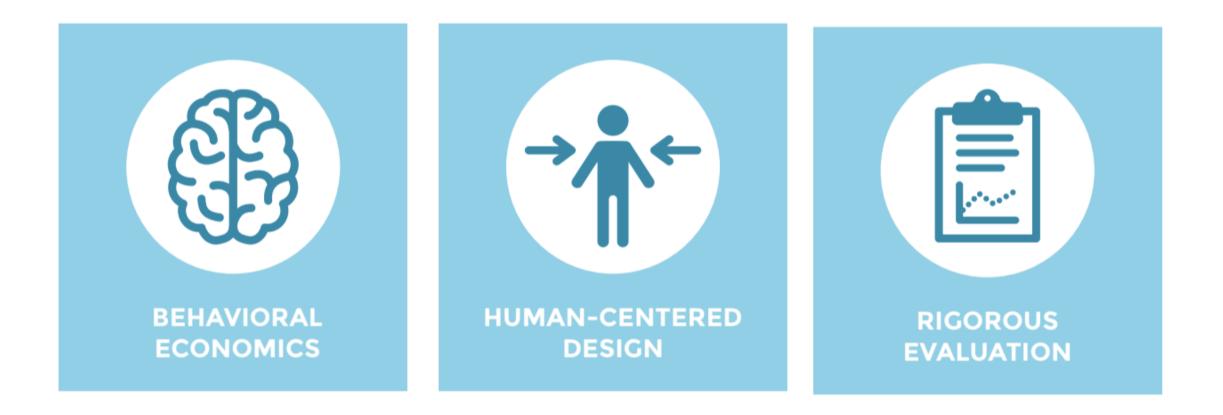
MAKING PEOPLE HAPPIER, HEALTHIER, AND WEALTHIER WITH BEHAVIORAL SCIENCE AT HOME AND ABROAD







OUR APPROACH









The Mayors



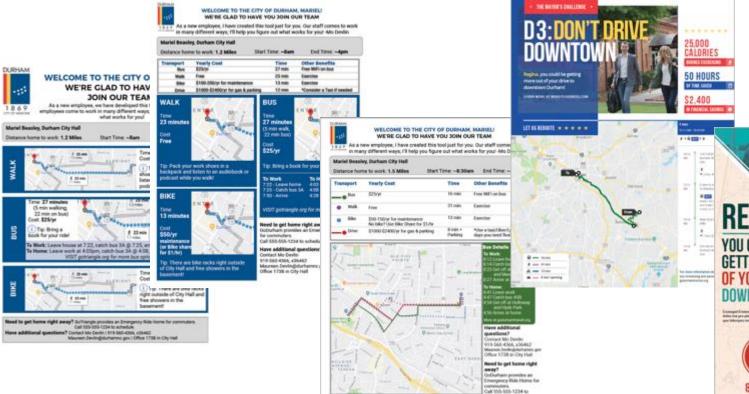
THE GOAL

Decrease Single Occupancy Vehicle Use

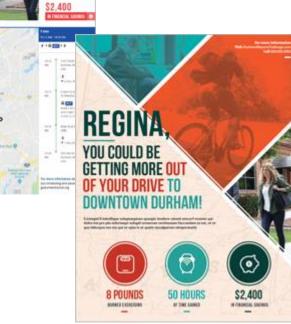




WE ITERATED OUR SOLUTION Staureen, from Durban is so 2017



(Annalytics)



We have mapped your 2018 transit options! Join others in the Mayora Challenge for weekly prizes

Look at your personalized sphore in the map before they your learne to workplace. This remain will help you make the most out of your commute. Click here to see your map in Scoope here. Take the takyors Challenge and we prices.

| Q - | 60 min | <i>ж</i> — | 94 min |
|-----|------------|------------|------------------|
| * | Not mapped | · - | 30 min + parking |



Check-out your money and time savings! If you were to commute by riding the bus to downtown Durham, you

If you were to commute by riding the bus to downtown Durham, you could re-capture money. time or shed calories over the year.



What is the Mayors Challenge and Why Me?

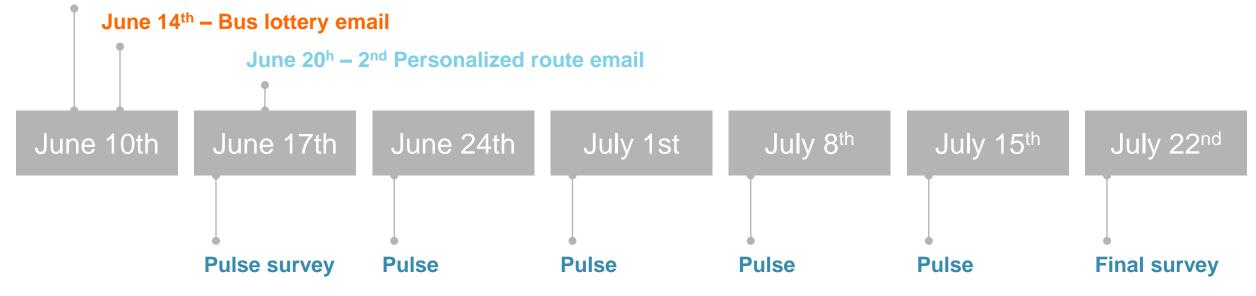
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WE RAN A RANDOMIZED CONTROLLED TRIAL

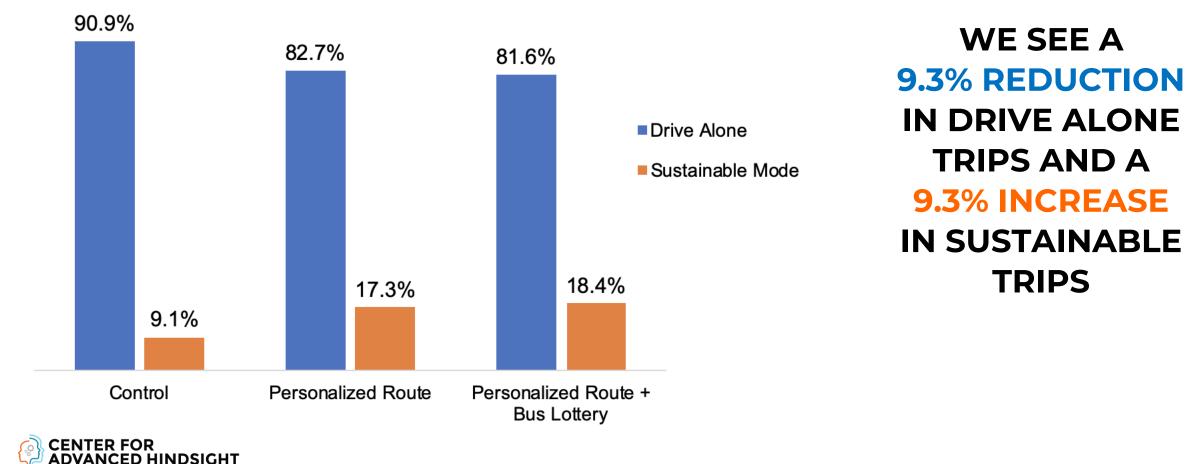
June 13th – 1st Personalized route email





CITY OF DURHAM EMPLOYEES

Percentage of Commutes by Mode



WE WON:







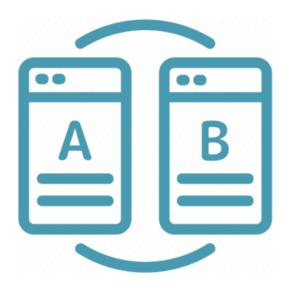
PILOT 2 - NORTH CAROLINA CENTRA





WE EXPLORED THE CONTEXT







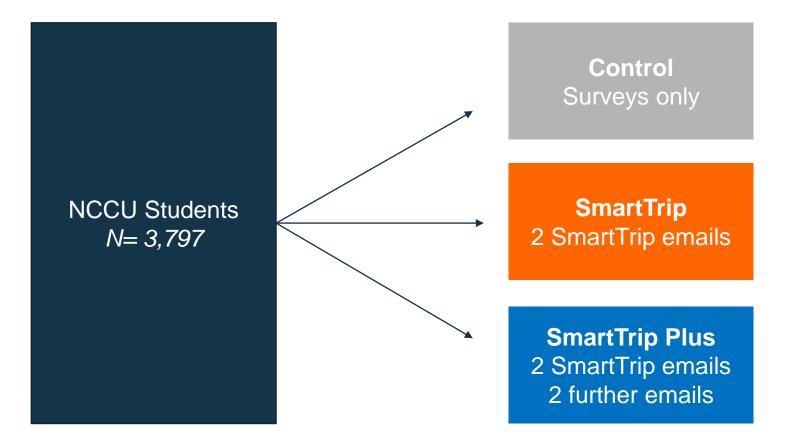
Conducted two exploratory surveys

User tested with 18 NCCU students Conducted 17 expert interviews





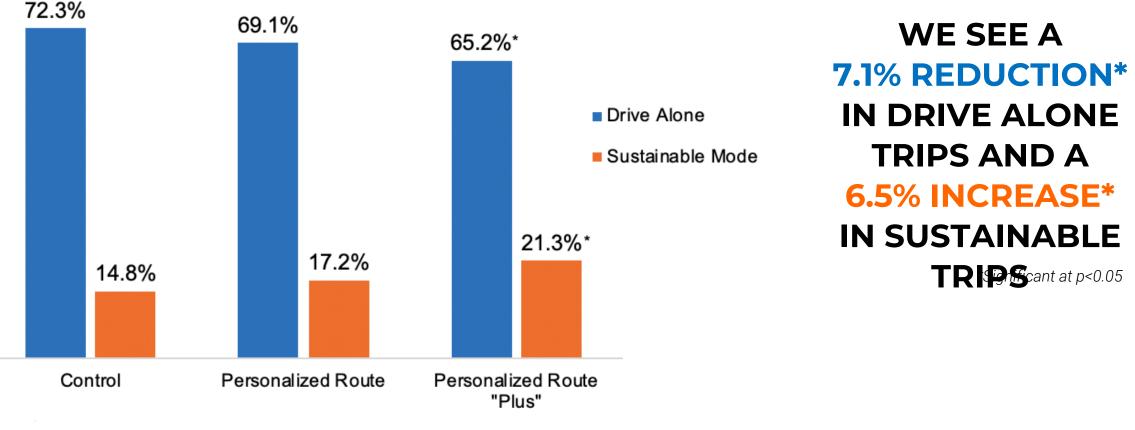
EXPERIMENTAL DESIGN





NCCU COMMUTER STUDENTS

Percentage of Commutes by Mode

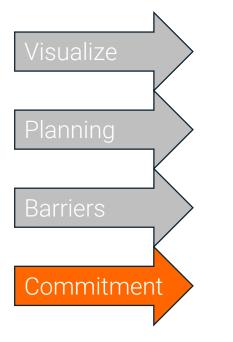




Controlled for: previous experience, out-of-state addresses, graduate students, comingled classes. Excluded: early permit purchases.

ONE NEW IDEA

COMMUTER COMMITMENT



Research shows that making a commitment to a goal helps people complete it. We now invite you to make an e-commitment to help achieve your goal.

I Joey, commit to earning time off by commuting 8 times per week by using the following sustainable modes: Bike.

I commit to earning time off by commuting sustainably.

I do not commit to earning time off by commuting sustainably.



