SEMESTER ONE

FALL 2020

GD 501 - STUDIO	P. 6
GD 572 - LECTURE	P. 16

MARGINALITY

MARGINALIA



PROFESSOR ♦ DENISE GONZALES CRISP ♦

MANIFESTO

John Chris Jones

2 USE BOTH INTUITION & REASON

3 WORK IT OUT IN CONTEXT

4 MODEL **CONTEXTUAL EFFECTS OF** WHAT IS IMAGINED

PROPOSITION ♦ 01

circumstances over time?

PROPOSITION ♦ 02

How might the design of a personal space, pre-

sented on a video meeting platform, foster a

sense of nearness & invite varied yet specific

activity? How might the design adapt to changing

Explore the meaning of nouns randomly selected,

assigned & matched to one of Jones' rubrics (aka

Course Objectives). Seek connections to related

things & systems – designing towards conveying

findings rather than capturing findings.

CLASS GUIDELINES

® CHOOSE WHAT DEPENDS ON EVERYONE

> **SEE INSPIRATION** IN WHAT IS

6 REFUSE WHAT **DIMINISHES**

PROCESS TO SUIT WHAT IS HAPPENING

PROPOSITION ♦ 03

Figure in the design of systems, social contracts, & things within the findings from Proposition 02. Identify, investigate, & scrutinize "Design for Good," "Social Design," & "Participatory Design." Create design queries & find a focus for "Makestorming." Through "Mini-stabs," quickly ideate the possibilities within the topic. Establish a direction for Prop O3 through an explanatory/ exploratory video, prompted by the Mini-Stabs.

PROPOSITION ♦ 04

P. 10

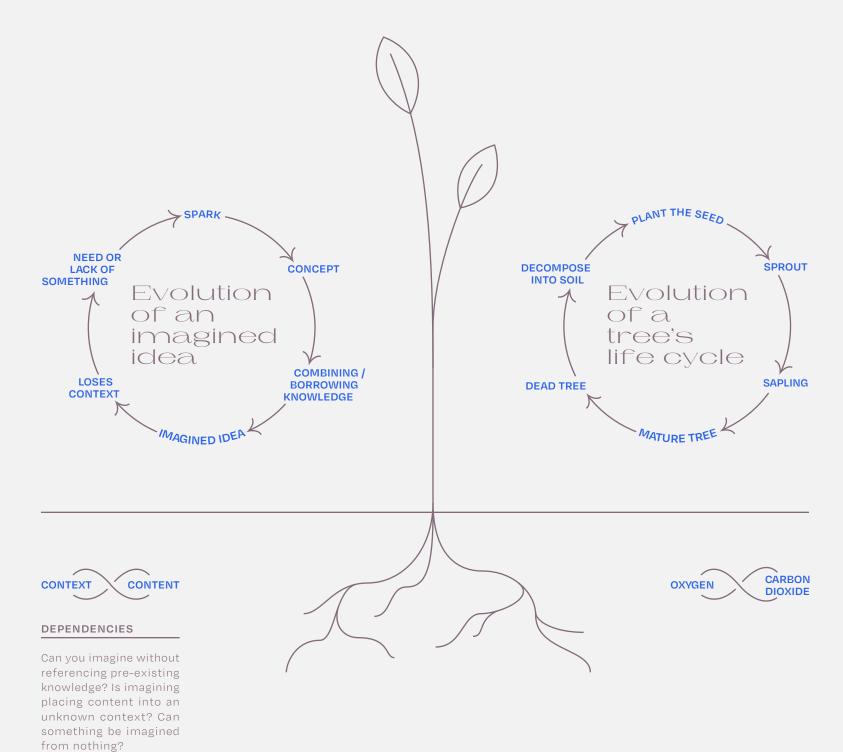
P. 12-15

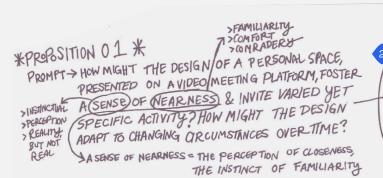
Two-week period where students lead and participated in workshops: "How to Draw a Squirrel," "How to Meditate," a "Surveillance Workshop," & a three-day reprieve with structured activities.

PROPOSITION ♦ 05

Create a "preliminary report" on the topic, a kind of portal or access point to the topic as it relates to design. Establish a plan that is consistent with the course objectives, avoiding the typical process to research, ideation, iteration, & final design. Design toward a culmination & pause.

PROPOSITION ♦ 02 GD 501 ♦ FALL 2020





QUESTION BECOMES

HOW CAN YOU
MANIPULATE THE
PERCEPTION OF
NEARNESS THROUGH
UDUR PORSONAL
SPACE USING BARC
HUMAN INSTINCTS
& SENSES?

THE PIREPLACE

NATURAL ELEMENTS EVOKE POSITIVE RESPONSES

HUMANS QUITE LITERALLY, GATHER AROUND THE

FIRE WITH A GROUP OF CLOSE FRIENDS & FAMILY

QUITE OFTEN

PROMPT

Seek connections to related systems & create a hypothesis based on your findings.



THE FIRST IDEA: A MYTHOLOGY

Many cultures begin their story with a tree—the world tree, the tree of life, the tree of knowledge. The tree is the beginning. It's not a stopping point. Its power expands beyond how far its branches can go & pierces into the chaos. I am the same as the tree. I began as a small seed planted into the depths. Once I sprouted, variations of myself started diverging into different branches. My branches grew exponentially. Each new branch grew farther from the roots to the point where the leaves did not recognize each other. My leaves blossomed, detached & flew away in the wind to grow somewhere else. I became a part of everyone everywhere. There were no boundaries to what I could become. I am still morphing & regenerating into something different everyday. I am the first idea ever imagined. I began as a seed & then I blossomed into everything imaginable.

TEAMMATES

Casey Stanek & Syashi Gupta

HE IMAGINATION CREATES THINGS THAT ARE NOT ACTUALLY PRESENT TO THE SENSES.

IT ALLOWS US TO THINK OF THE POSSIBILITIES BEYOND THE LIMITATIONS OF OUR REALITY.

sthe 0015005

CONSCIOUSNESS IS DEFINED AS BEING AWARE AND AWAKE TO THE PRESENT AND WHAT IS AROUND US. HOW DO WE BEGIN TO UNDERSTAND & SCRUTINIZE OUR REALITY?

EXPLORATION

TO CONSCIOUSLY EXPLORE, WE MUST DELIBERATELY & INTENTIONALLY RESPOND TO OR ANALYZE OUR SUBCONSCIOUS ROOTS. WHAT WAYS CAN WE DESTROY, REFRAME OR REPLANT THOSE LIMITATIONS?

of our SUBCONSCIOUS

IN THIS CONTEXT, WE ARE NOT REFERRING TO THE FREUDIAN THEORY OF A SUBCONSCIOUS OR UNCONSCIOUS MIND. WE ARE REFERRING TO A PERSON'S INSTINCTS AND HIS/HER CULMINATION OF EXPERIENCES, BELIEFS AND CULTURE THAT INFLUENCE THE WAY THAT HE/SHE THINKS AND BEHAVES WITHOUT THE PERSON'S DIRECT AWARENESS.



YOUR ROOTS CAN BE DESCRIBED AS THE CONNECTIONS TO YOUR PERSONAL AND PAST EXPERIENCES.

5

YOUR VOICE SEEN

RESEARCH QUESTION

HOW MIGHT TYPE DESIGN THOSE IN THE MARGINS?

The field of type design is a made up of mostly white men with Euro-centric type education. On top of that, there are only a handful of type design educational programs & institutes globally. The lack of access to type education makes it difficult for marginalized designers to become proficient in type design. With the combination of a lack of educational resources for type design & a lack of accessibility within the design community at large, the type design community is very homogeneous & lacks culture, relatability & overall development. How can we democratize the accessibility of type design in a way that allows for the amplification of anyone's voice?

TYPE IS SO SATURATED IN OUR LIVES THAT WE DON'T CONSIDER ITS IMPLICATIONS BEYOND STYLE, LEGIBILITY, AND READABILITY.

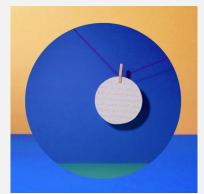


VIDEO TO CAPTURE THINKING LINK TO VIDEO









... Arabic letters to be more like the stand alone letters seen in the Roman alphabet





On top of that, the West is notorious for colonizing type like when they changed ...



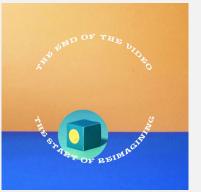


People have been using type to get out their messages since forever & they've been doing it in creative ways: from one Martin Luther to another. What if









you could translate and capture voices, mediums, & culture into a typeface ...

...... design? How can we reimagine the way we think about type & type design?

LINK TO MURAL BOARD MINISTABS

1. Educational Tool

considered problematic.

2. Directory

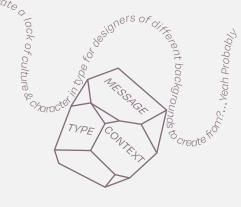
A tool that explains & documents A tool that showcases type made oppressed type, racist type, colonized by those who are marginalized to be type, & problematic type/ type design- used by the marginalized. The direcers. 1.5 idea is a plugin that identifies tory would allow users to filter based type on a web page & alerts you if it's on the categories/communities they identify with.

3. Type Generator

A tool to that documents protest sign **Posts** lettering from social media photos. A tool that automatically turns audio It uses AI to trace & create full type- or closed captioning from videos into faces based on the signs to be used short typographic assets for all social for social justice purposes for more media. It works as an easy secondary personal storytelling.

4. Convert audio to Typographic

form of spreading the same message across multiple platforms.



CALL TO ACTION EXTENSION



DEMOCRATIZE TYPE DESIGN EDUCATION

A call for type design education to become accessible to all designers. Type design has numerous marginalized facets to its creation & its accessibility. Instead of type design being in the hands of a few, let's allow anyone interested in type design to learn and develop their type skills so that the type community will become more diverse, more inclusive &, hopefully, more decolonized.

COMMUNITY BASED TYPE DESIGN

A call for type designers to gain support through their communities. Type is used by everyone, but created by so few. Let's support our fellow type designers, both within the geographical community and within the personal communities we identify with. By doing this, we're encouraging designers to create type with culture & character that reflects their life experiences. Where would type be at today if a more diverse body of designers were contributing?

WWW.AVCOOK.CO/TYPE-CTA

RESEARCH OUESTION

LINK TO MURAL BOARD

HOW MIGHT A DIGITAL TRANSFORMATION BECOME A DEMOCRATIZED, DECOLONIZED AND MORE

only 4% of museum staff.

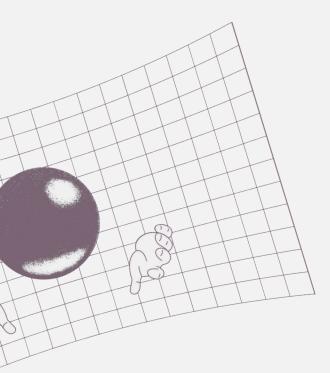
How are museums problematic? Museums are Aside from the obvious fact that all American land DECONSTRUCT THE MUSEUM AS cultural powerhouses of Western countries that is stolen indigenous land, The American Museum store priceless artifacts from around the world. of Natural History & Smithsonian (among others) Some of these artifacts were stolen & looted from hold the skeletal remains of Native Americans their home culture during the colonial era to & Africans within their collections. Not only is it live in these museums & most have not been dehumanizing, these institutions rarely acknowl- + A WHITE SPACE returned. It is not a Western museum's place to edge the role of genocide & slavery within their display & keep stolen items from other coun- museums. On top of that, there is a lack of reptries. By doing so, museums are upholding coloresentation of marginalized communities, with + A STATUS OF POWER from its international colonization museums are tric work, & English-only labels & headsets. When + A REMNANT OF COLONIALISM domestically marginalizing communities. The unuseums do showcase marginalized commumuseum is seen as a white space, with black nities in their exhibits, the museums rarely ask people only making up 6% of museum goers, & for permission from the communities or listen + A MARGINALIZING FORCE to their stories.

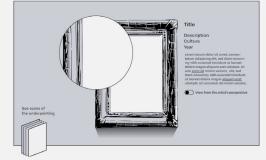
- + EURO-CENTRIC

WEEK 1

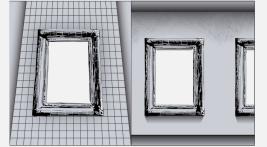
PHYSICAL MUSEUM TO ONLINE SPACE

What if you took a museum as it is now & transformed it into a digital space? How could the design of this space help to alleviate some of the negative feelings experienced by BIPOC in museum spaces? How could a digital platform enhance the capabilities of a museum?

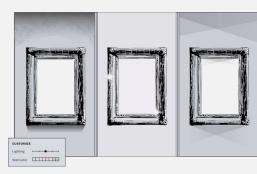




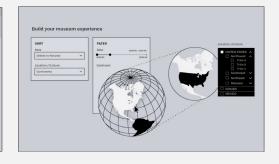
An exploration of digital enhancements not pos- Visualizing how wall height & angles could reccommon digital features like zoom, toggles, links, visitors & intimidates & layers



sible in physical reality could perform. Explored reate daunting architecture that both inspires



an ideal museum looks like to them



A user interface that's visually customizable for Exploring how a filterable & sortable museum the visitor's comfort level & expectation for what could create a Build Your Own Museum depending on a visitor's preferences

WEEK 2

SPECULATIVE DECOLONIZED MUSEUM

What if museums showed the life of the artifact from the artifact's perspective? What if a digital museum of the future recognized the time the stolen artifact was confined to Western museums as part of its oppressive history?

BENIN BRONZES CASE STUDY: HISTORY

To narrow down my train of thought, I chose the Benin Bronzes as a case study in order to dig deeper into the life of an artifact.

A brief history: The Kingdom of Benin, located in modern-day Nigeria, flourished between the 1200s-1800s AD. The Kingdom was ruled by Obas, with the Obas reaching their height of power in the 1500s. Oba Ewuare rebuilt the city & royal palace around this time. By the 1800s, the British were trying to extract Benin's rubber & palm oil. The Oba tried to stop all trading with Britain, but in 1892 the British showed up to a religious festival without an invite. The British burned the city to the ground after being turned away & looted the Benin Bronzes & other treasures from the city & palace. The Benin Bronzes are not just decorative -- they tell the entire history of a civilization that doesn't have "written history" in the way Western culture would normally categorize it.





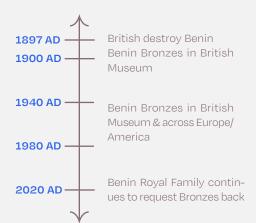
Credit: 3D model by MAACambridge

PROPOSITION ♦ 02 GD 501 ♦ FALL 2020

WEEK 3

MUSEUM ENABLERS

What if museums showcased the history of the visitors & the exchanges between human hands instead of the history of the artifact? What if the artifact becomes decentered to bring attention of museum enablers: governments, donors, board of directors, senior staff, (white) visitors, (white) artists.



VISITOR BECOMES THE MUSEUM WALL

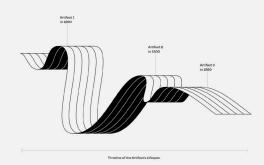
In this scenario, the museum visitor becomes the wall/ artifact & views the other visitors throughout the years. Time lapses by the change of fashion in the visitors. There is a stark contrast between the artifact's original setting & handlers ues to request Bronzes back compared to the Western museum's visitors.

WEEKS 4 & 5

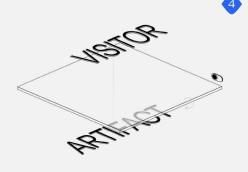
WHERE DO THESE STUDIES LIVE?

The last 2 weeks of this project focused on creating a digital museum that exhibits the modern museum as an artifact as a call for the repatriation of contested & stolen items. This museum implies that museums as power structures & hoarders of colonial items will become an artifact of the past in the near future.

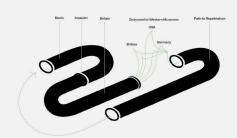
The concept for the Museum of Stolen Items is that it showcases the top 10 contested artifacts in Western museums. Instead of the artifact being talked about in the past only, the artifact has its entire lifespan shown- from its creation to its use to its placement in a museum to a repatriated future. Users are able to jump between being a museum visitor & being the artifact.



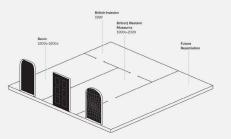
history of its life. The date the artifact was created gle between visitor & artifact work? What if the is always listed, but the rest of its lifespan, and its floor rotated or flipped around when switching future, is rarely talked about.



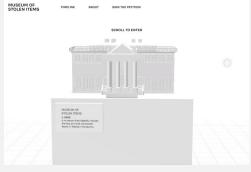
An exploration on the artifact lifespan as a version When a user is in the space, how does the togbetween artifact & visitor modes?



Instead of visualizing the artifacts in a space, what A study on how the timeline of an artifact could if it were a map/ portal that showed where these be represented as a 3D digital space. 3 doors repartifacts have been scattered throughout history? resenting the past, present & future.



UI FLOW LINK TO VIDEO

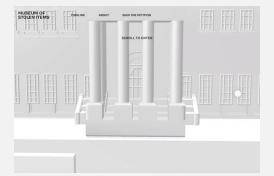




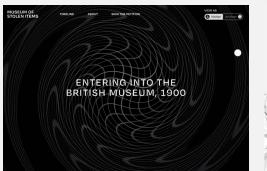




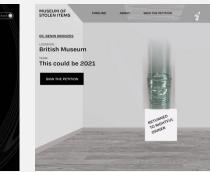




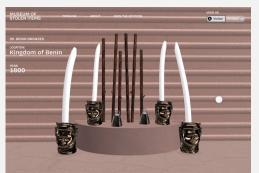




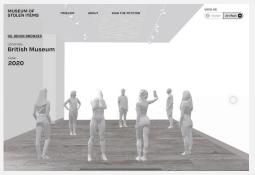










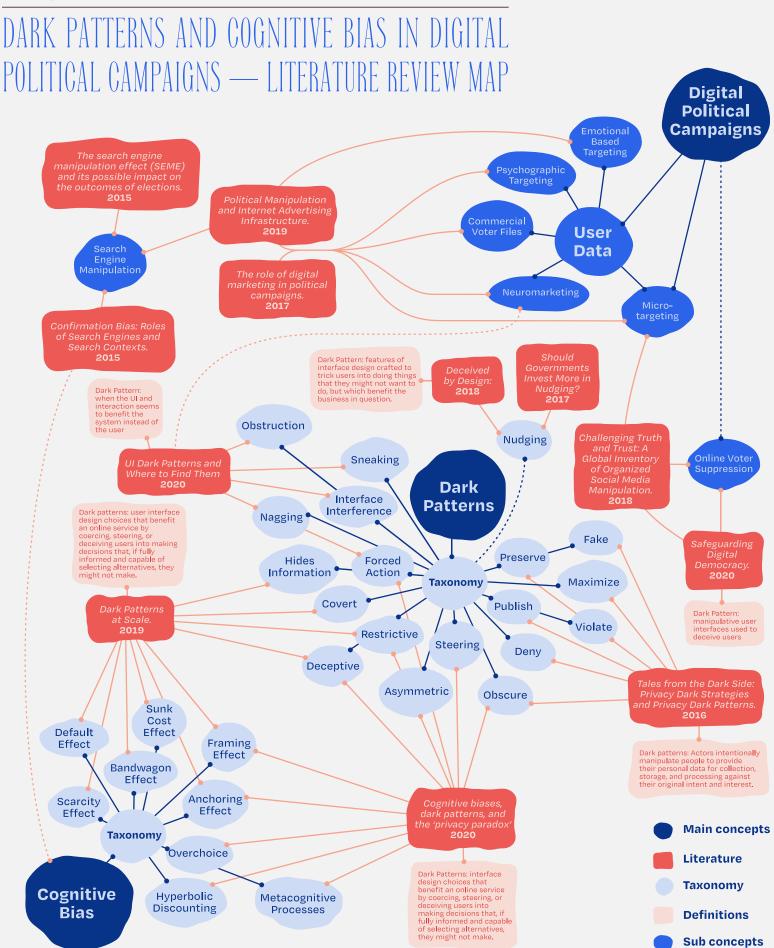




Credit: 3D models by the Museum of Archaeology & Anthropology at the University of Cambridge, The Imagining Center at Smith College, Biwenka, Limerick3D, WesternScienceCenter, Daken.Hoo, amforma, & Loïc Norge



LITERATURE REVIEW



RESEARCH PROPOSAL GD 572 ♦ FALL 2020

RESEARCH PROPOSAL

THE USE OF DARK PATTERNS AND COGNITIVE BIAS IN INFLUENTIAL POLITICAL CAMPAIGNS' DIGITAL PLATFORMS

on voters through the user interface (UI) design NRCC (Goldmacher, 2014). of web, email, mobile apps and other platforms by Privacy dark patterns and strategies "intentionally influential political platforms. For this study, dark manipulate people to provide their personal data these patterns when navigating the platforms? patterns are being defined as maliciously crafted for collection, storage, and processing against UI interactions that adversely influence users their original intent and interest (Bösch et Participants organizations.

Dark patterns use misleading content and visual mation such as an email, name, phone number race, and gender—there will be at least 5 users design to create experiences that are beneficial and access to his or her contact list to create an for user testing as advised by Jakob Nielsen, to the website owner and harmful to the user. account and log in. Once a platform has access a user research and web usability consultant When dark patterns are combined with cognitive to this data, it can use this information to recog- (Nielsen Norman Group). User demographics biases, users can be subjected to manipulative nize the user across different platforms through can overlap across these categories to avoid tactics that they may not be aware of. Political cross-device targeting. campaigns, along with third party agencies, use data-driven marketing to target voters. The com- Many dark patterns take advantage of a user's Methods & Plan awareness of these patterns.

RELEVANT LITERATURE

Previous studies found 11% of 11,000 retail sites feature at least one dark pattern and, on aver-

erally not aware of and cannot detect dark pat- by Cambridge Analytica for Donald Trump's 2016 The manipulation of voters from official electoral terns presented before them (De Geronimo et campaign to target audience segments labeled as campaigns, special interest lobbies, foreign state al., 2020). This lack of education on dark patterns "persuadable" (Chester and Montgomery, 2017). actors, and domestic dark money groups has been puts users at a higher risk of manipulation. For researched primarily from the angles of political example, in 2014 the National Republican Conadvertising strategies, the spread of fake news, gressional Committee (NRCC) created websites search engine manipulations, micro-targeting, and that were deceptively designed to look as if they Research Question neuromarketing. There has been limited research were in favor of democratic candidates, when, in How are dark patterns & user interface elements

common across all categories of digital platforms, 2019). An infamous example of this practice in of users to be recruited. After the user testing,

however, previous work suggests users are gen-politics is the "five factor personality model" used

conducted on the use and affect of dark patterns fact, the donations from the site were funding the that exploit cognitive biases used on websites, mobile apps & emails created by influential political platforms, & how do voters respond to

and their decision making abilities, and influential al. 2016, p. 252.)." Some platforms hide or propolitical platforms will be an umbrella term to hibit access to sections, unless the user inputs portionate to the website, mobile app and email refer to official electoral campaigns, PACs, Super data, a common strategy to coerce someone user demographics, in order to see which of PACs, Hill Committees, and other official party to give away information. For example, if a user these audiences is the most vulnerable to dark wanted access to a political app, the interface patterns. Only eligible voters will be considmay require he or she provide personal infor- ered. For each category of demographics—age, an infeasible amount of required participants.

bination of user data from online platforms and cognitive biases, including privacy dark patterns Websites, mobile apps and emails created by voter files enable the creation of micro-targeted (Waldman, 2020). For example, the Biden for influential political platforms for major election messages to specific audiences. This research President website positively frames its pri- campaigns must be found that contain dark patproposal aims to find these dark patterns across vacy policy by using the heading "Your Privacy terns and deceptive elements. Once this informainfluential political platforms, create a taxonomy Rights," while listing all of the ways that their plat- tion is gathered, the findings will be categorized of the different types, and conduct user testing on form gathers, uses, and shares data with third- by the dark patterns being used. This step will the findings across particularly vulnerable voter party groups. This example shows the illusion of take a few weeks of thorough searching and is an populations to understand the impact and user a user's right to control his or her data but, in fact, important first step that will inform the following the user does not have control over the data being steps. Next, surveys will be sent out to eligible collected or shared (Biden for President, 2020). voters of the candidates that have deceptive plat-When users believe they have control over their forms. Voter's contact information for the surveys data, they are more likely to give that data away. will be taken from publicly available voter files. Another route for creating highly targeted mar- The survey data, potentially in conjunction with keting is through the use of psychographic target- web analytics, will inform which demographics age, 7.4 dark patterns per randomly selected app ing and neuromarketing. Psychographic targeting are the most likely to use the platforms from (Mathur et al. 2019; De Geronimo et al. 2020). and neuromarketing, combined with detailed user the first step. Unmoderated, remotely recorded More users will inherently interact with dark data and voter files, creates a direct line to manipuser testing will be conducted, with the demopatterns as these patterns become increasingly ulating a user's cognitive biases (Crain and Nadler, graphic data from the surveys informing the types

user interviews will be conducted to gauge the users' awareness and responses to the dark patterns that were presented to them. This study will be very timely and might require expedited research to capture the findings during the active campaigning stage, as campaign websites often change after the elections.

Data

Publicly available voter files will be requested from the politicians' states where dark patterns are found. This data will only be used as contact information to gather survey participants. The data gathered from the survey will be used to show the demographic percentages, such as age, race and gender, of eligible voters that are most likely to use the selected user interfaces. The survey data will be anonymous and will not ask for personal identifiers beyond general demographic information. Participants will be screened with a questionnaire before user testing. This information, along with the rest of the data gathered through user testing and user interviews, will be de-identified to the public. All data will be stored electronically behind password protected folders, unless the requested voter files are delivered in paper form, in which case, the files will be stored in a locked cabinet and shredded after the minimum amount of time from project completion. Information Policy (University Park, Pa.), 9, 370-409. All data will be de-identified if presented to the doi: 10.5325/jinfopoli.9.2019.0370 public.

Resources

Most state voter files are available to the public for free, but some require payment. The survey data would be more complete in conjunction with web analytics on specific demographic data points like age, gender, and IP addresses to [10] Epstein, R., & Robertson, R. E. (2015). The search estimate geographic location. Free, public web analytics usually only cover overall visitor count and not specific target groups. Access to a remote user testing platform, which usually requires a payment, along with very specific and time-sensitive user testing and user interview participants will be needed.

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COVID-19 SOCIAL DISTANCING SIGNAGE AND MASK ADHER-

STATEMENT OF PURPOSE

The purpose of this study was to observe how what paths they took instead.

LOCATION

This study took place at the Target located on out the exit (Figure 3). Grove Barton Road in Raleigh, NC. The entryway was chosen as the targeted area for an observa- Other notable outliers include 1 person who signage at the entrance and cash register lines. checkout lines to get into the regular cash reg-This area has the most foot traffic in the store ister line and 2 people who went around the along with signage directing customers to follow belt barrier separating the cash register lines a specific path. For example, the pathways for the from the entrance aisle to grab a cart (Figure self checkout registers were separated from the other registers by belt barriers and each register line had social distancing floor stickers 6ft apart from each other.

SUMMARY OF OBSERVATION

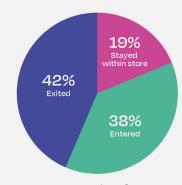
A floor plan containing a simplification of the paths from all 3 observation sheets was compiled (Figure 3). It includes notations of the customers that did not wear or incorrectly wore masks and shows which general path they took. From this simplified floor plan, data could be more easily compiled to inform insights and takeaways compared to the chaotic observation sheets. During the observations, people who were already within the boundaries of the floor plan were documented first. Any dot that does not originate from a border of the box represents a person that was already in the store when the observation began. Out of everyone in the study, 38% came from the entrance, 42% exited out of the store, and 19% were already in the store and stayed there (Figure 1).

Out of everyone observed in the study, 2% of people did not wear a mask for a period of time and 2% of people wore their mask incorrectly

(Figure 2). Of the 2% of those who wore their mask incorrectly, 100% wore their masks below their nose, but covering their mouths. Further- Fig. 1 Movement categories of Target customers people move through a space with COVID-19 more, 1 in 4 people who did not wear or incor- and employees signage and barriers, such as social distancing rectly wore masks was a child, and 3 in 4 were signage, one way aisle indicators and retractable adults (Figure 3). Similarly, 1 in 4 of those who belt barriers. The observations provided insight did not wear or incorrectly wore masks did not on whether people follow the signage and, if not, adhere to the COVID-19 signage, while 3 in 4 did comply with the signage (Figure 4). The person who did not comply with the signage and was not wearing a mask was an adult that went the wrong way down the oneway entrance aisle and

> 3). Even though people went around the belt barriers, no one went under the barriers. All of the employees wore masks the entire duration of each study, so the only people observed not wearing or incorrectly wearing a mask were customers. Although most people in the register lines obeyed the social distancing floor stickers placed 6ft apart, many of the people cutting through the merchandise aisle walked within 6ft of those waiting in the self checkout line. The sanitation station at the entrance beside the carts was barely visited, but this could be because the carts were being wiped down by wearing or incorrectly wearing a mask employees in real time.

There were over 3x more people who went straight down the one way aisle compared to those who turned into the merchandise section (Figure 3). Customers were less likely to get a cart if they cut through the merchandise section compared to customers who went straight down the one way aisle (Figure 7, 8). This phenomena could be because customers know it's more difficult to maneuver a cart down a section crowded with merchandise compared to an open aisle.



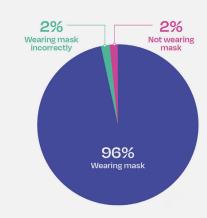


Fig. 2 Mask use of Target customers & employees

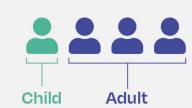


Fig. 3 Child versus adult breakdown of those not



Fig. 4 Signage adherence breakdown of those not wearing or incorrectly wearing a mask

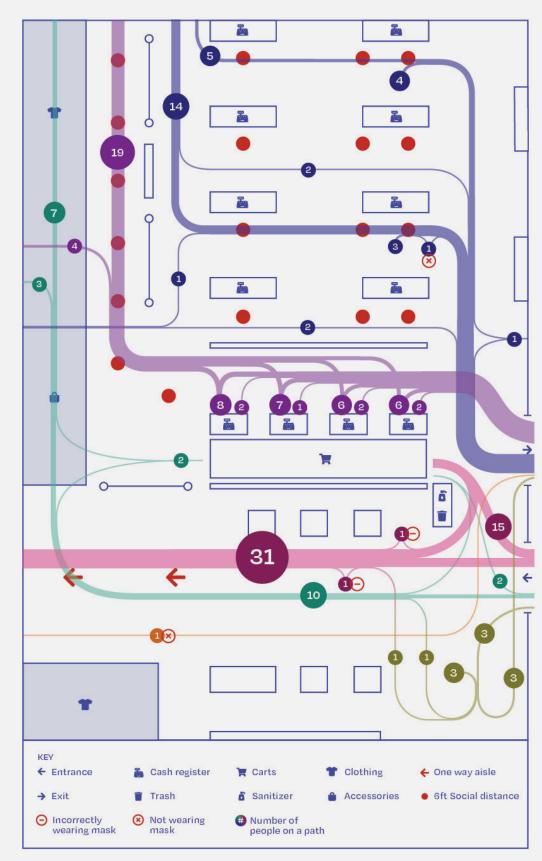


Fig. 5 Compilation of Pathing from Observation Study 1, 2 & 3 *Excludes employees

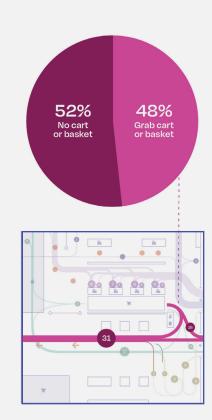


Fig. 6 Cart and basket use of Target customers walking straight down the entrance aisle

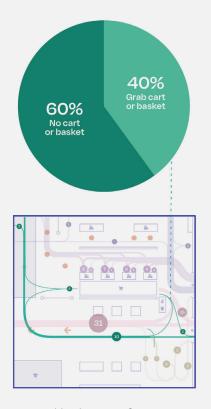


Fig. 7 Cart and basket use of Target customers cutting through a merchandise section

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THE END

SO LONG, FAREWELL