DESIGN RESEARCH PRACTICES

Spring 2019

Cait and Dante

INTRODUCTION

Background

Stakeholders

Methods Used

04 Insights

Concepts

Conclusion

THE. 018 INCLUSIVE CAMPUS SURVEY REPORT

. hat is it?

The purpose of the survey is to gauge the overall sense of students' inclusion on campus

How was it done?

Through and extensive ____# of ?'s gaining qualitative data

In the report, each question was broken down by demographic

What was the goal?

To gain insight on the campus climate and to get an idea of how to better the inclusion of students on campus

THE 2018 INCLUSIVE CAMPUS SURVEY REPORT

"A diverse community enriches and benefits the entire community, and we want to ensure all students, regardless of differences in background, identity, or views, feel a strong sense of belonging at notre dame"

TThe University of Notre Dame 2018 Inclusive Campus Survey

LOVE LETTER/ BREAK UP LETTER

This method is used to show the positives and negatives of an object, policy, etc

Wrote two different letters with the purpose of describing what we liked and didn't like about the survey

Peer read each others letters and wrote the pros and cons on sticky notes

Categorized the sticky notes to see the themes of the letters and survey



MCWELL'S NEEDS ASSESSMENT

The framework for research looking for the gaps between the current condition of campus and the desired condition

Assessment Process:

1. Pre Assessment

Exploration into the purpose of the needs assessment

2. Assessment

Data gathering where you determine context, scope, boundaries of needs assessment

3. Post Assessment

Utilization of the information gathered and usually ends with a report of the information gathered

Post Assessment Process:

1. Data Traingulation

Compiling and categorizing the data

2. Prioritization

Narrow it down to what's important

3. Needs and Recommendations

Determining the short term needs from the data analysis and recommending solutions to client

Cristina and Julia

Ol Groups

On Campus

Off Campus

Faculty

Staff

02 Methodology

Protocols

03 Process

Protocols

Persons, groups, or organizations that have direct or indirect stake in an organization because it can affect or be affected by the organization's actions, ob.ectives, or policies

STAKEHOLDER MAPS

A visual representation of key constituents of a design project

Process

Groups of researchers created stakeholder maps to identify potential key players that influence inclusivity within the Notre Dame community with a specific focus on well-being

Once major players in each community were identified, they were grouped and regrouped for a different perspective

Once major players in each community were identified, each group rotated amongst the other maps offering insight to ideas or organizations that may have been missed. Notes were recorded on post it notes

Organized geographically

Blue = Notre Dame Orange = local South Bend area Green = beyond Notre Dame

X axis: level of interest Y axis: level of influence

Orange = campus resources
Blue = faculty, staff, and employees on
and off campus
Pink = students
Green = categories





KWHL CHART

A graphic organizer that helps students organize what they know and what they want to learn about a topic before and after research is done

- K = what we know
- **W** = what we want to know
- **H** = **how** we will research
- L = what we want to learn

Process

Each subgroup created KWHL charts to refine their target and research objectives

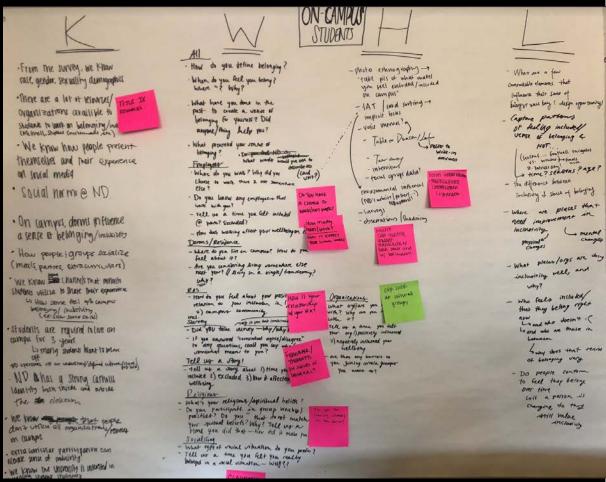
Once each group explained their research goals in detail, each group rotated amongst the other maps offering insight to ideas or organizations that may have been missed

Notes were recorded on post it notes

Off campus

On Campus





What: Why do students move off?

How: interviews

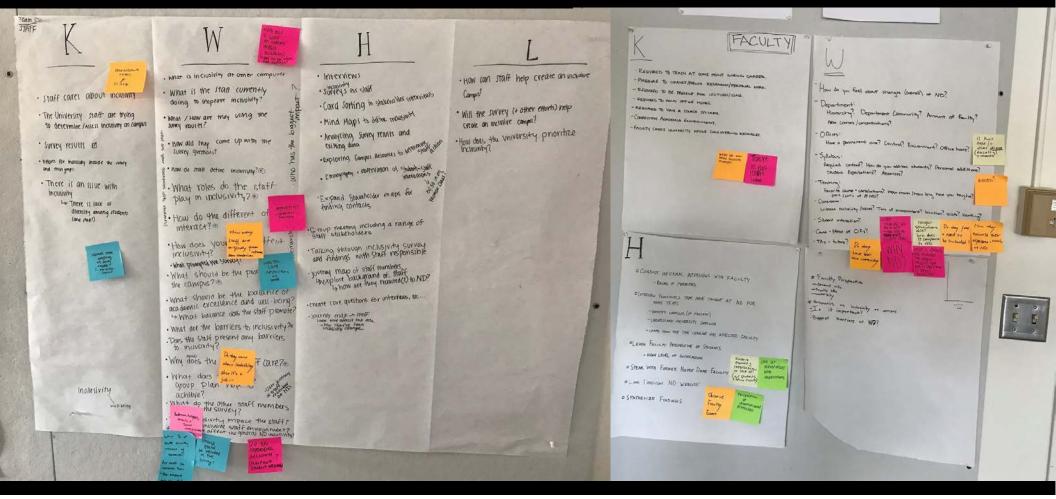
Learn: How are students affected by barriers to transportation and healthcare?

What: Where do you feel you belong?

How: photo ethnography

Learn: What are a few controllable elements that influence their sense of belonging?

Staff Faculty



What: What does inclusivity look

like at other campuses?

How: Interviews, card sorting

Learn: How can staff help create an

inclusive campus?

What: How do you feel about changes at ND?

How: Interviews, card sorting

Learn: Faculty's perspective on student inclusivity

PROTOCOL

A research plan recipe with detailed directions on selected methods to be utilized for discovering research goals

COMPONENTS

Target populations:

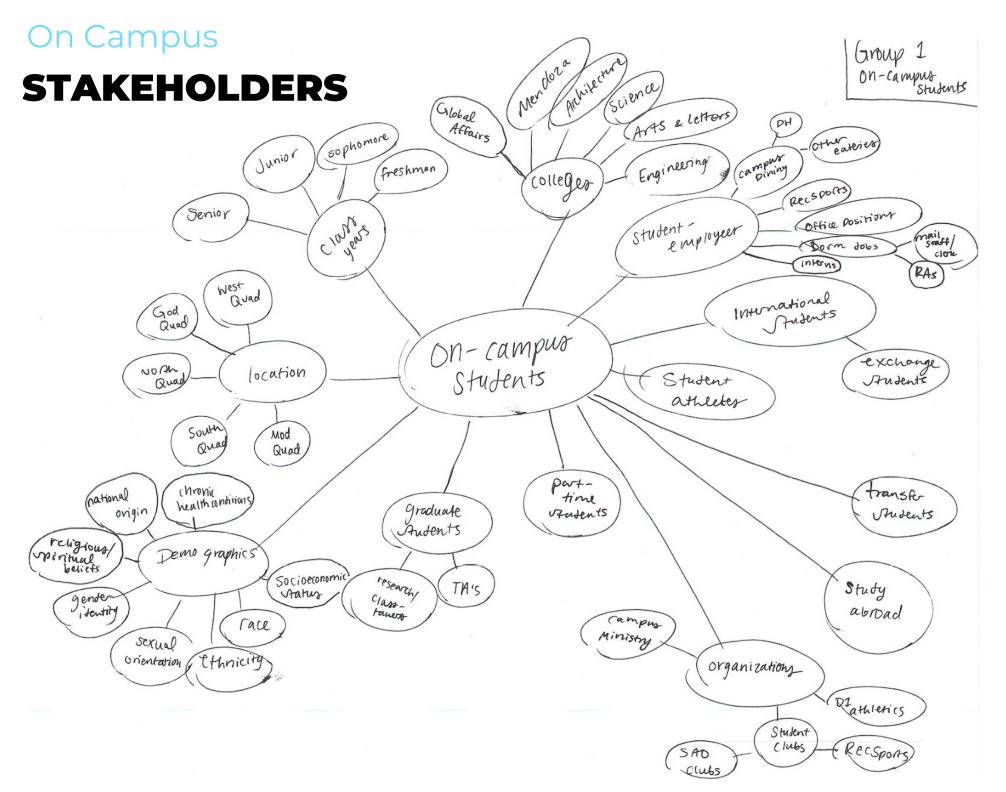
who is being considered during the duration of the project

Goal:

primary research objective

Research Methodology and Techniques:

In-depth explanations for each research method listed



On Campus PROTOCOL

Target population:

On campus students representing student employees, student athletes, transfer students, international students, study abroad students, graduate students of all demographics mentioned in inclusive campus survey

Goal:

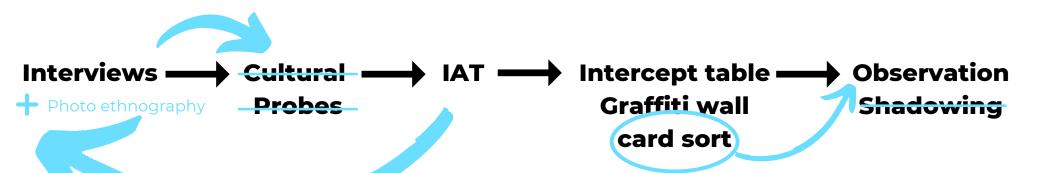
To understand how on-campus students experience inclusion and exclusion in relation to their well-being

Access, awareness, and aspirations for change were considered

On Campus

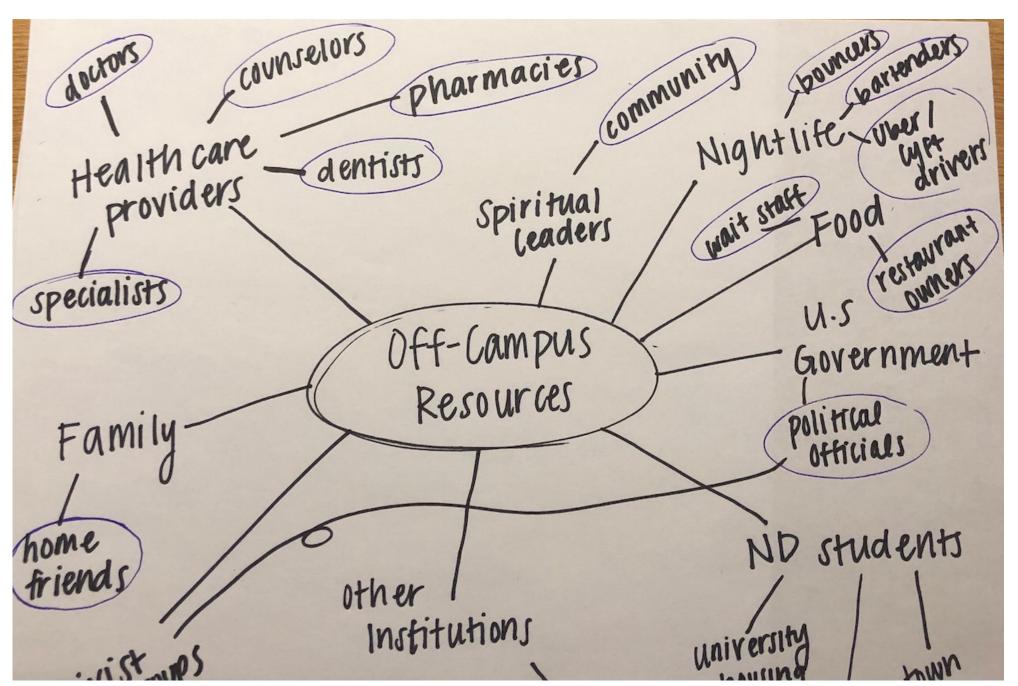
PROTOCOL





Off Campus

STAKEHOLDERS



Off Campus

PROTOCOL

Target population:

Uber drivers, off campus religious leaders, healthcare resources, part and full-time off campus students

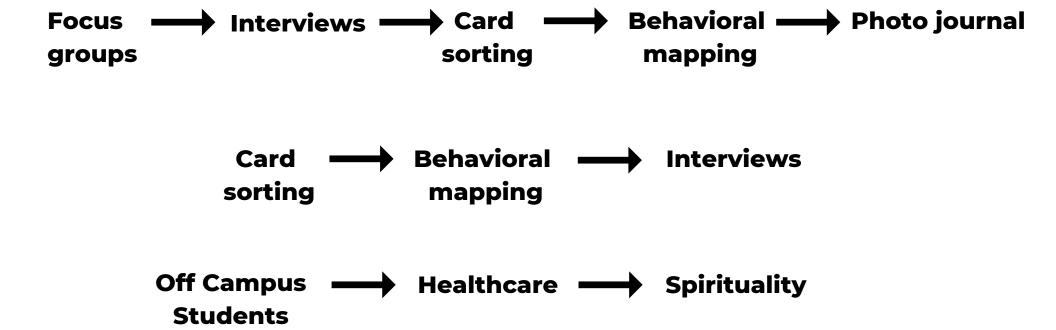
Goal:

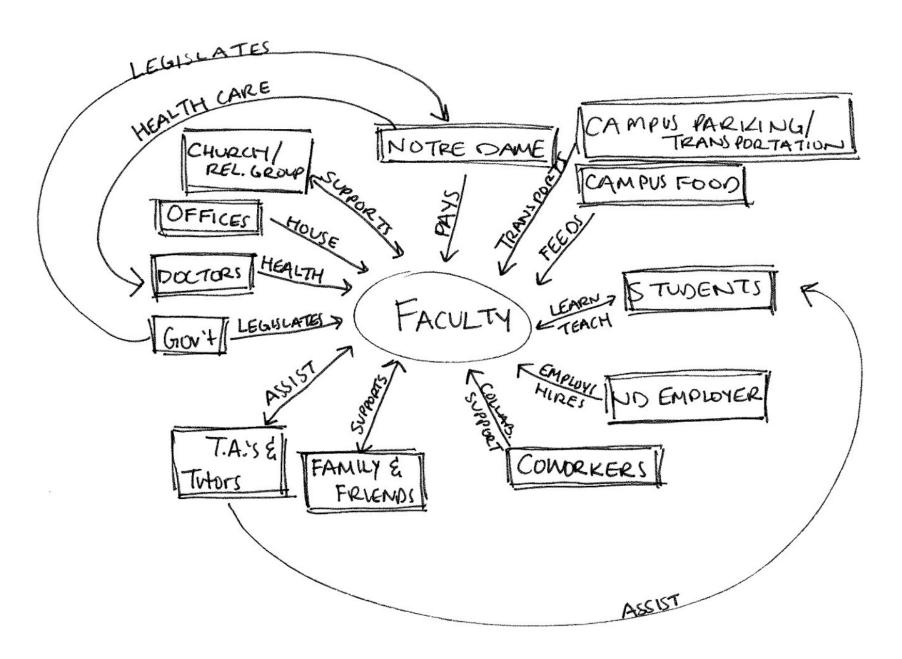
To understand how off-campus resources impact/respond to inclusivity and diversity on the Notre dame campus with relation to healthcare, spirituality, and housing barriers

Barriers: "What barriers on campus cause students to go off campus?

Off Campus

PROTOCOL





Faculty

PROTOCOL

Target population:

Members of the Notre dame community who teach students (considering age, gender, race, income, marital/family status, employment, technology, usage, etc

Primary Goal:

Identify faculty definition of wellbeing: what is the interaction between students and professor?

"What is the environment you teach in like?"

Secondary Goal:

Identify faculty concerns toward student well-being; what is required on the syllabus?

Faculty

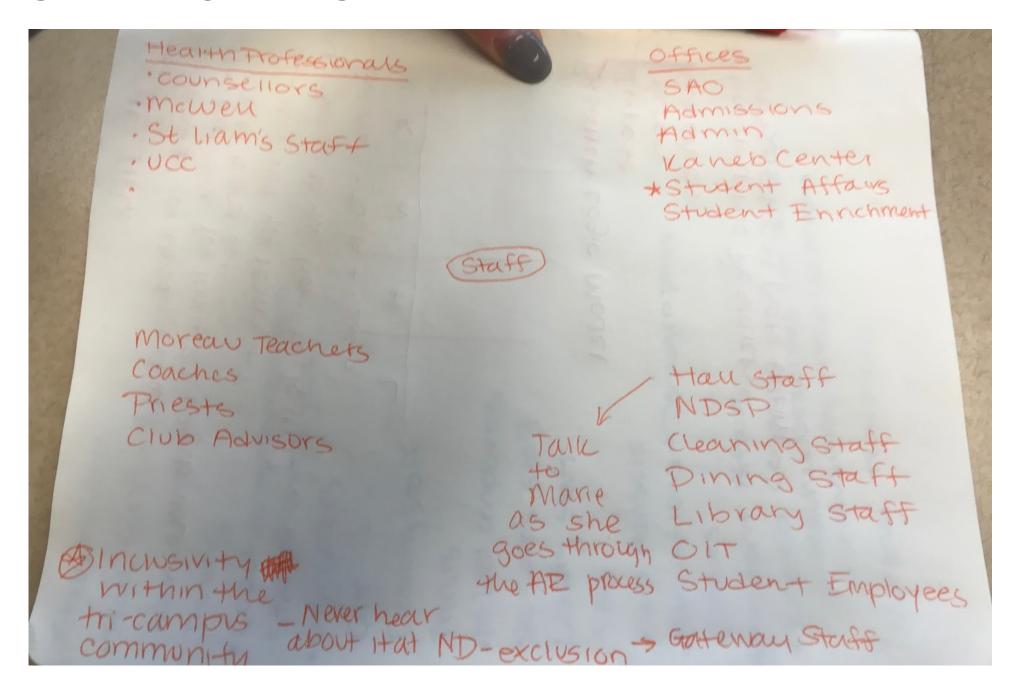
PROTOCOL





Staff

STAKEHOLDERS



Staff PROTOCOL

Target population:

Notre Dame administration, Admissions, Student Enrichment, Gender Relations Center, Student Activities, Hall Staff, McWell, Dining Hall, Bookstore

Primary Goal:

To understand the role of the staff in campus inclusion and well-being

"How does the campus climate affect staff members?"

"What direction is the staff trying to push the campus towards and how?"

Staff

PROTOCOL



Observational —— Journey —— Love Letter & —— Interviews note taking map Break up Letter

On Campus

Goal: To understand how on-campus students experience inclusion and exclusion in relation to their well-being. Access, awareness, and aspirations for change were considered

Off Campus

Goal: To understand how off-campus resources impact/respond to inclusivity and diversity on the Notre Dame campus with relation to healthcare, spirituality, and housing barriers

Faculty

Primary Goal: To identify faculty definition of well-being: what is the interaction between students and professors?

Secondary Goal: To identify faculty concerns toward student well-being: what is required on the syllabus?

Staff

Goal: To understand the role of the staff in campus inclusion and well-being.

"How does the campus climate affect staff members?"

"What direction is the staff trying to push the campus towards and how?"

METHODS

Lauren, Marissa, Allie, and Clare

METHODS

Interviews

Photo Ethnography

Graffiti Wall

Card Sorting

Behavior Map

Journey Map

Personas

INTERVIEWS

A conversation to collect first-hand accounts of experience, opinions, attitudes, and perceptions

A common and well known method of data collection

Personal anecdotes and candid responses

Process overview:

Each group created a detailed interview protocol with questions

All members of the class reached out to people fitting the demographics of their group

Mostly one-on-one conversations

Varying interview lengths

Varying locations

INTERVIEW PROTOCOL AND QUESTIONS

- **01** Target Population
- **02** Primary and Secondary Research Goals
- **03** Research Methodology

Interviewing

Method/Technique Overview

What to look for (observations)

Questions/areas to probe

Things to document

On-campus students

Feelings about exclusion were personal Inclusion was interpersonal, not systemic "screened" interviewees to attempt to get a variety of perspectives and thoughts

Off-campus Resources

A lot of resources and a lot of variations in response from subsets

Not all information was directly relevant

Faculty

Difficult to set up

Conversations naturally steered towards
students, not actually faculty

Staff

Willing to talk
Some resources differ from faculty

SUCCESS

Personal details that we could not have gotten from other methods

DIFFICULTIES

Recruitment and setting up, difficulty in synthesizing all the information

PHOTO ETHNOGRAPHY

Research subjects take photos of their personal experience

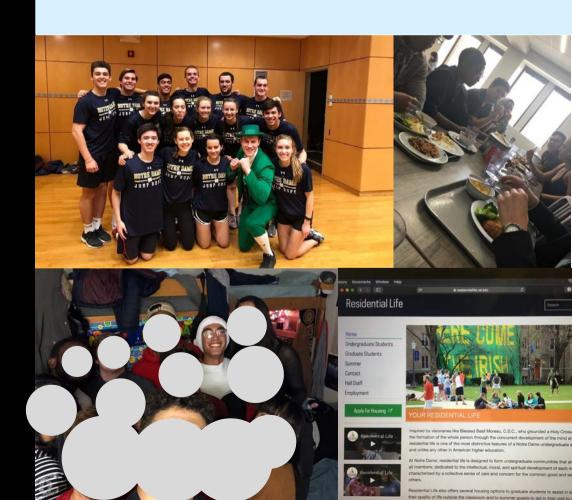
To contextualize; a "touchstone"

Interviewees completed photo ethnography before interview

Success: integrating photos into interview

Challenges: saving until the end; using old photos

Findings: people avoided capturing when they felt excluded



GRAFFITI WALL

Posters prompting passerby to draw/write response

To reach audiences on-campus group couldn't interview; mass data collection

On-campus: "tell us where you feel included/excluded..."

Success in dorms but difficult in Duncan

Findings: places of inclusion/exclusion cooccurred EXCEPT for clubs





GRAFFITI WALL

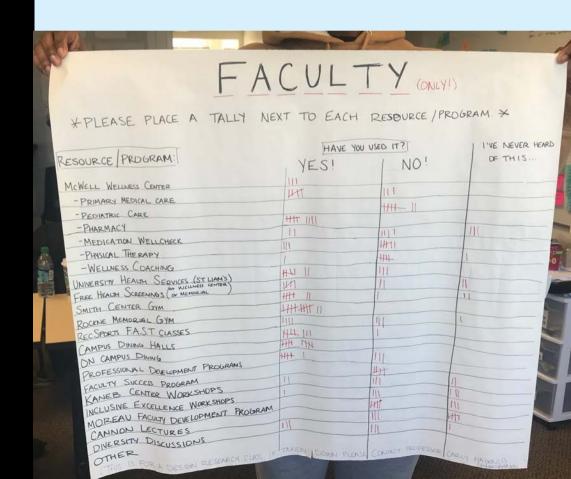
Posters prompting passerby to draw/write response

To reach audiences Faculty group couldn't interview; bulk data

Listed resources; asked faculty to tally if they knew/used them

Successful data acquisition but people failed to read all the way through

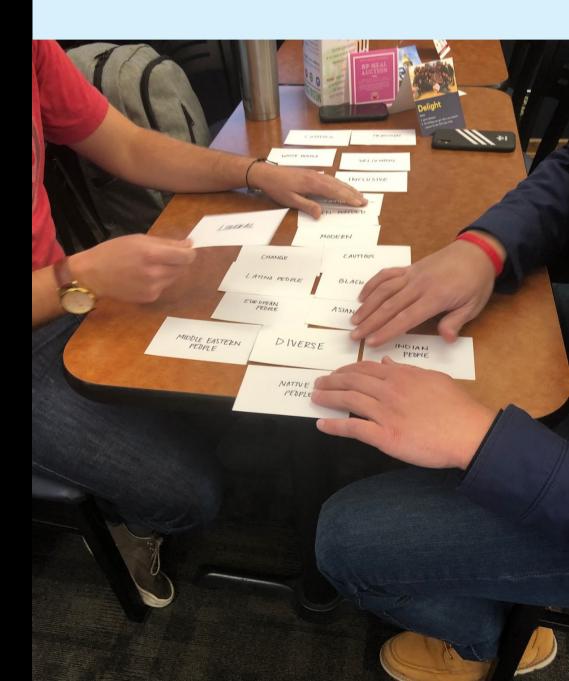
Confirmed suspicion that there are tons of faculty resources that faculty don't know about



CARD SORTING

participating sorting of concepts, terms, or features into meaningful categories and relationships using printed cards To discover resources important to students

To explore student perceptions of inclusivity on the Notre Dame campus





CARD SORT FOR OFF CAMPUS RESOURCES

Card Sort #1

Select a random student in Lafortune Student Center and ask for their participation

Ask: what are the top 5/20 places most important to you?

Record the chosen cards

Card Sort #2

Select a random student in Duncan Student Center and ask for their participation

Ask: can you pick out 3/10 places that you have gone to that have been the most influential to your well-being?

Record the chosen cards and ask why cards were/were not chosen

SUCCESS

confirmed assumptions

Follow up questions yield deeper understanding

DIFFICULTIES

use at beginning of research

Make sure all of the cards are relevant to the topic

BEHAVIOR MAPPING

Systematic visual documentation of location-based human activity

To discover where off-campus students go on campus

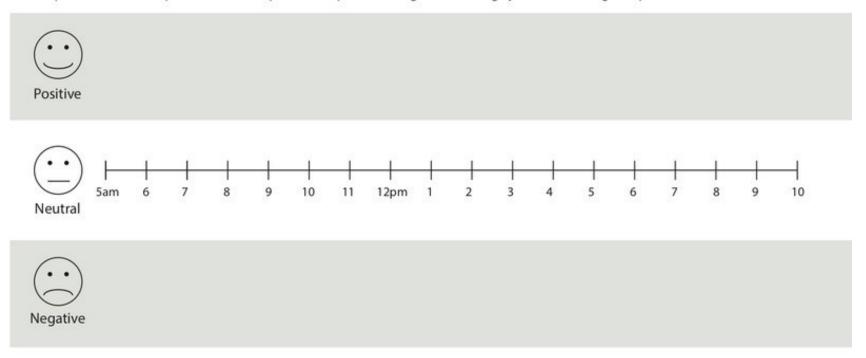
Can you draw a line on this map that shows where you go on a regular weekday?



JOURNEY MAP

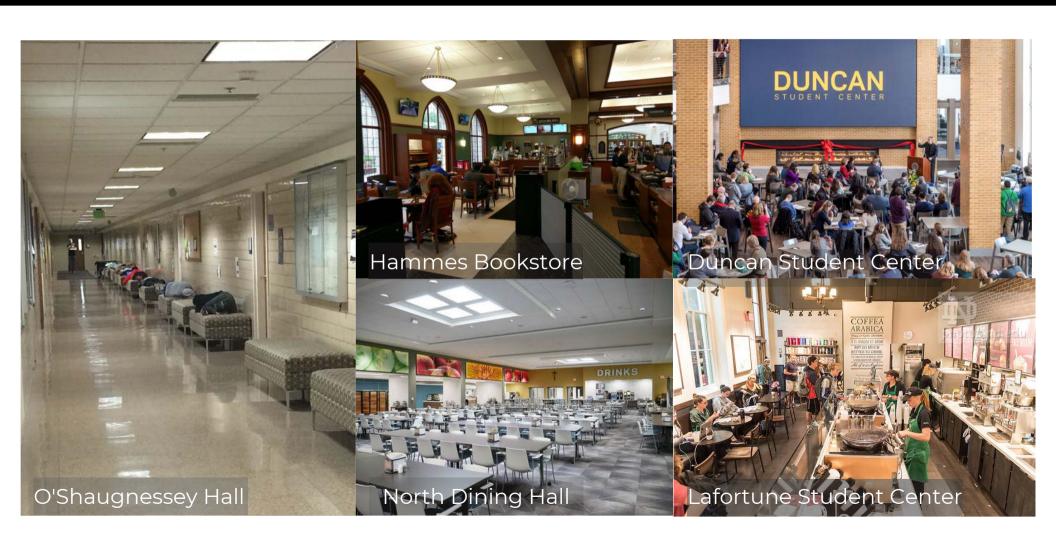
Step 1: Fill out the timeline below with the events of a typical day in your life. This could include when you get to work, interactions with students, interactions with other staff members, etcetera. As you are placing those key events place them on the timeline according to the appropriate mood you feel during that event.

Step 2: Below the map write out a couple of the specific thoughts or feelings you have during this particular event.



Thoughts & Feelings:

OBSERVATIONAL NOTE-TAKING



Faculty



' AGE 29

"PROFESSOR "STUDENTS
ARE MY LIFE!"

"THE BEST PLACE TO DIGUSS INCLUSIVITY IS IN THE CLASSEDOM"

"MY MAIN JOB IS TO BE THE FIRST LIVE OF DEFENSE FOR MY STUDENTS."

"IF THERE WAS AN INCLUSIVITY ISSUE | WOULD GOODLE WHAT TO DO."

- MALE DESIGN PROFESSOR HIRED A LITTLE OVER
 A YEAR + A HALF AGO. HAS TO TEACH.
- · BEGAN FOCUSING ON OVERALL WELLBEING AFTER
 BEING HIRED. INFLUENCED BY MCWELL'S FREE
 NEW EMPROYEE HEALTH SCREENING.
- · BIGGET FOCUS IS CREATING A HEALTHY, INCLUSIVE ENVIRONMENT FOR HIS STUDENTS
- NEVER EXPERIENCED INCLUSIVITY OR HERE AT NO. NEVER WITNESSED INCLUSIVITY IN HIS CLASSROOM.
- · DOESN'T KNOW OF ANY INCLUSIVITY RESOURCES. FACULTY



46, South Bend Sociology Professor " Professor Healthy"
Henry

"Working out is the best way to stay the healthy at ND3)

"My dream is to involve students with my work-out sessions"

- · Feels seperated from student life
- · Enjoys cating meals with fellow falcely And students
- Mertines and less Faculty obligated Rectines.

FALWHY





"THERE ARE NOT ENOUGH FACULTY ONLY SPACES"

*I THINK ITS AWKWARD

TO RUN INTO STUDENTS

AT THE GYM"

- MALE HUMANITIES PROFESSOR WITH TENURE
- · ENJOYS TEACHING AND FORMING BONDS
 WITH STUDENTS
- OWISHES THAT FACULTY HAD MORE SPACES

 AWAY FROM STUDENTS TO HAVE SOME

 PRIVACY
- · ONLY WORKS OUT WA DURING LOW STUDENT HOURS
- · BRINGS LUNCH TO AVOID ON CAMPS DINING

Staff





-Interaction with students: limited, second-hand

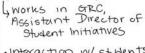
- ·Working at ND for 4 years
- ·ND AWM
- · Head of campus aimate survey
- · motivated by NP's mission
- · GOOD: assess campus climate to understand inclusivity at ND
- · data-ariven
- · sensitive to alumni + public reception
- gets things done through meetings
- 11 The survey provided insightful data, and I am interested in hearing students' feedback, so we create a welcoming campus for all."

Carlos Gonzalez, Campus Dining



- · Interaction with students: daily, first-hand
- · working at ND for 10 years
- · immigrant
- · mmigrant
 · Goal: man provide for his family by ensuring food is prepared well at dining hall for the students -Enjoys meaningful interactions with students
- " I like working in the dining hall and setting to interact with my coworkers and students, but it can be monotonous."

Stacey Jackson.



- · Interaction w/ students: · more au teacher
 - · Drism club advisor
 - · meets with students in her day-to-day routines
 - · works w/ campus ministry to Pian LGBTQ student retreats
 - · Mentor to LGBTQ Stylents

Quote: "my vision for inclusivity is to move all communities forward, but look particularly at LGBTQ to make sine they have the same welcoming experience others do. "

Team 3_staff

Team 3_Saft

On-campus students



vegetarian ACMS & EW parial Scholarship Merican-

AURA HERNANDEZ: American, THE HARD WORKER

I feel really included w/ other team managers because none of us really did this before college. They're really fun!"

The ND experience is 10 expensive

When people ask if I'm from Spain just because I uspeak Spanish

EON-CAMPUS

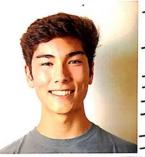
sophomore

Women's

Lacrosse

Manager

Howard Hall



-senior on campus · RA in Dunne - comp sci, poly sci

-atheist -nomosexual - biracial

- pavents well educated -travels -democrat club

milkshake mag

Wang Trou for socializing "social butterfly"

"IN PRISM, what defines you is beyond your initial shared characteristics.

"It's not the school being exclusive, its just the nature of the school."



Tommy O'Leary "The ND Bro" -sophomore -from Chicago solves - white malle - Netero sexual, talker to katte in Welsh Far -lives in OillonHall -goes to morkshaken -Finance major

-SIBC, Internall foot Bookstore banketball

"I lost my bike and all the guys in my section had a Search parry, spending 2 hour on saturday searching to find my bike"



Laila Ibarra The Outsider

Female from Senepal Black Heterosexual. oloos not date Ful Scholarship lives in Farley hall style Work to the library

Mechanical Engineerity mojor

I feel excluded being the only black person in my section and my engineering class of 200 ppl.

I never expected Nove Dame to cater to my needs. on cam That Mindset allows many bool things to happon to me show and I just thought, that it is okay.

Off-campus students



- Senior

- Female, 22 years old

- Lives up girls from her dorm

"IN BETWEENER"

"Living off campus sen; or year is a great segway between undergrand + real life"



"Outlier"

ll It's hard to tocus in the dorms when all the guys do is party "

- Junior
- Male, 20 years old mared off campus Junior year.



Practicing non-Catholi

non-denominational -4x * activities relate to Eaith a week (chuch, ISI, YL, child (missinim

"I was nervous about coming to Notice

Dome, but I was able to Find a Strong

non coshoric commissis



vov - pelicra,

Jomes

-keers disciminated entopos

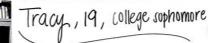
-bousn't heer accepted -Hames resears that people assume he's what

being a non-believer on a Catholic compres is like being white on a historically black college"

OFF CAMPUS GROUP (STUDENTS)

OFF CAMPUS GROUP (STUDENTS)

- lived on cameus for 34 cars - off cameus



Notre Dame doesn't have the best female reproductive health services"

- Gives off-campus for OBGYN specialist
- Fills b.c script off ann pus
- hasn't had the best st. L'am's
- Will go to UHS for minor Illnesses
- -intelligent, feminist woman

OFF CAMPUS RES Spiritore

OFF CAMPUS GROW Spirituality



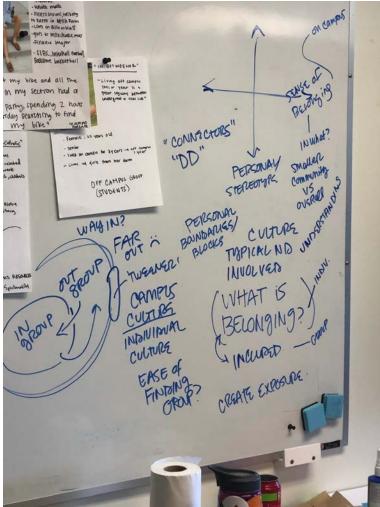
Major: Business Aralytics

minor: peace GIROUP Studies CHMPUL

Methods Design Research Practices

Conversation-starters

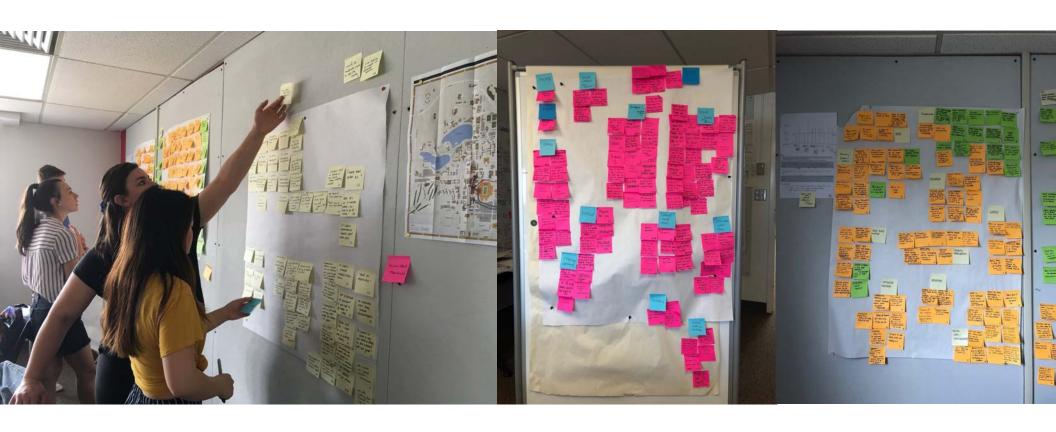




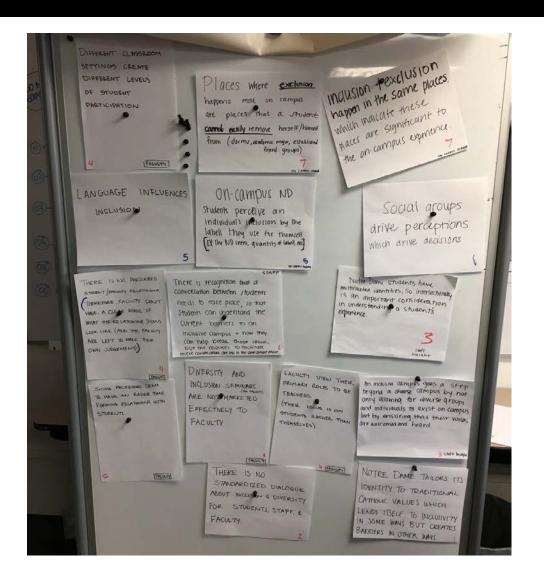
INSIGHTS

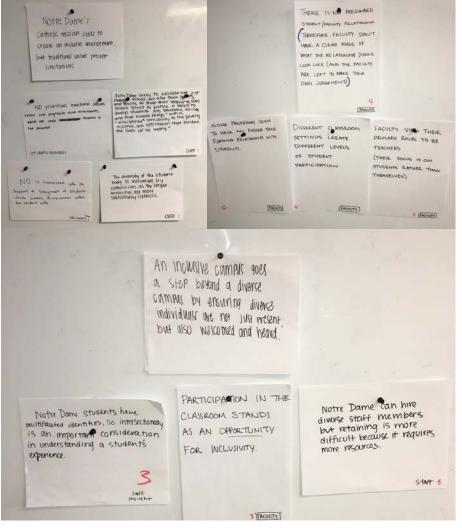
Sydnye and Eleanor

AFFINITY DIAGRAMMING



INSIGHT GENERATION





An inclusive campus goes a step beyond a diverse campus by ensuring diverse individuals are not just present, but also welcomed and heard.

FINAL INSIGHTS

Places where exclusion happens most on campus are places that a student cannot easily remove him/herself from.

Language influences inclusion whether it be through small interactions, use of labels, or university statements.

Notre Dame's Catholic mission seeks to create an inclusive environment, but traditional values present limitations.

Social norms drive perceptions which drive decisions.

There is no prescribed student/faculty relationship.

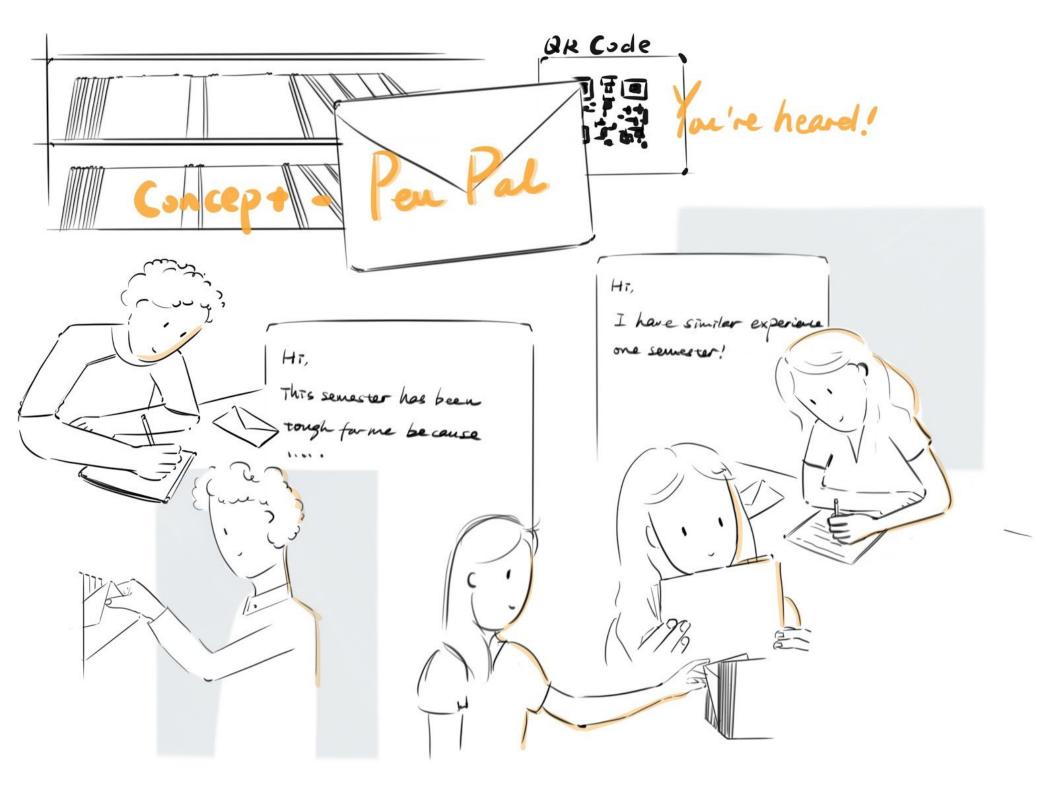
Divisions among students, faculty, and staff limit community-wide dialogue about diversity and inclusion.

CONCEPT DEATION

Yunyi, Sarah, and Michael

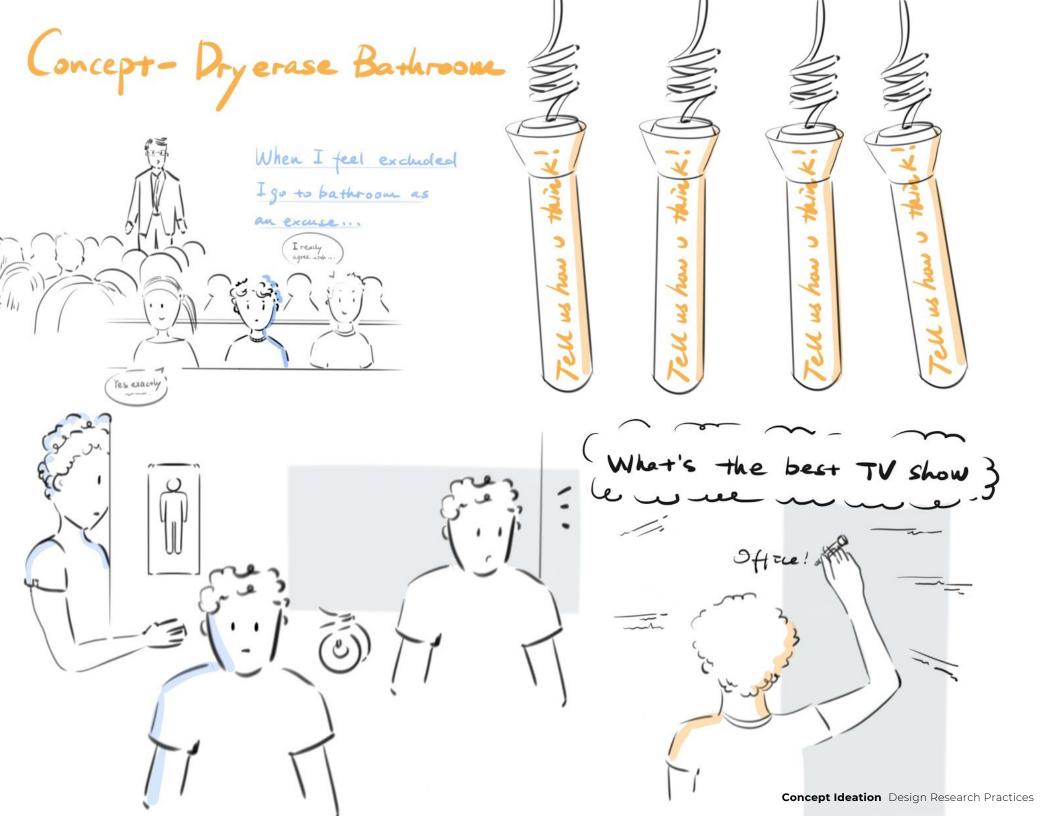
AN INCLUSIVE CAMPUS GOES A STEP BEYOND A DIVERSE CAMPUS BY ENSURING DIVERSE INDIVIDUALS ARE NOT JUST PRESENT, BUT ALSO WELCOMED AND HEARD.





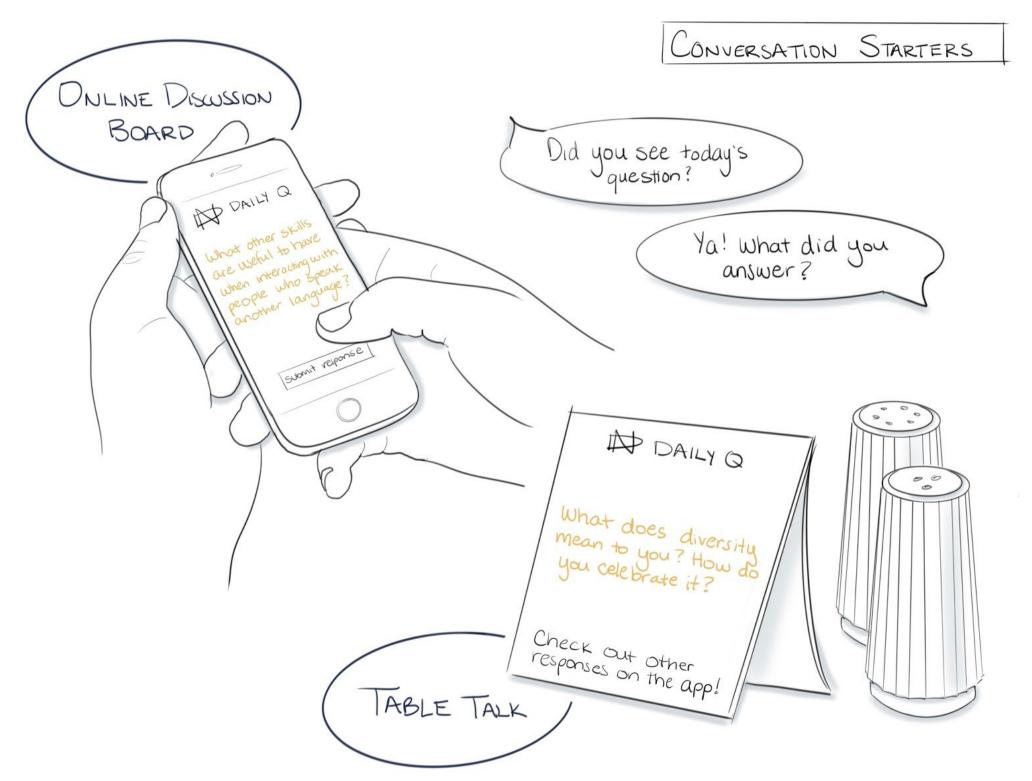
& WANT TO BREAK OUT YOUR SOCIAL CIRCLE P COME POR SOCIAL CHARGE ON THE QUID ONE CATCH YOU CAN'T SIT IS PLACES WHERE EXCUSION HAPPENS MOST ON CAMPUS ARE PLACES THAT A STUDENT CANNOT BROTHER SISTER cluss CLUB LENDERS: EASILY REMOVE HERSELF/HIMSELF FROM. A PAPPEESHIP! 11 Barbram Break SEPTEMBER ND THO WEEK LEAVE DORM SWITCH [like poleace by Safe word hat act out AGP worth of unipes or Plex points credited to person lett 1) Phone Call. Excuse. nervous / feet excluded DORMS - OFF CAMPUS LIVING class drop FACTOR ENCOURNINE tinding where unfortable mid-sumester Find ways to continuously introduce peers to each other throughout DUTDOOR PLACE to dryone to escape to when feeling unwell semester excluded Everyone join 1 DORM OUTINGS Sound-proof O we've doing on which PE Space in doin Phone Calls, crying break up traditional ROTATING DORMS DORM LANNELLORS PULIS H CLUST LIGHT with once communities PEXCLUDED APP CHOOSE YOUR KOOMMATE

PLACES WHERE EXCLUSION HAPPENS MOST ON CAMPUS ARE PLACES THAT A STUDENT CANNOT EASILY REMOVE HIM/HERSELF FROM.



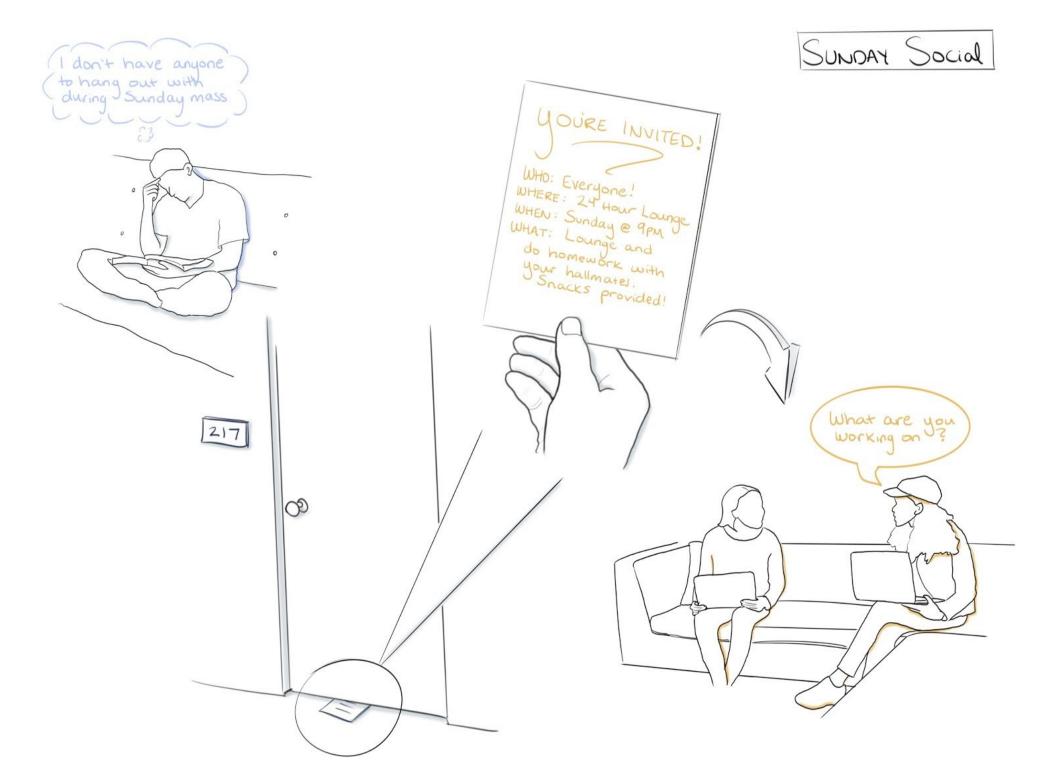
LANGUAGE INFLUENCES INCLUSION WHETHER IT BE THROUGH SMALL INTERACTIONS, USE OF LABELS, OR UNIVERSITY STATEMENTS.





NOTRE DAME'S CATHOLIC MISSION SEEKS TO CREATE AN INCLUSIVE ENVIRONMENT, BUT TRADITIONAL VALUES PRESENT LIMITATIONS.





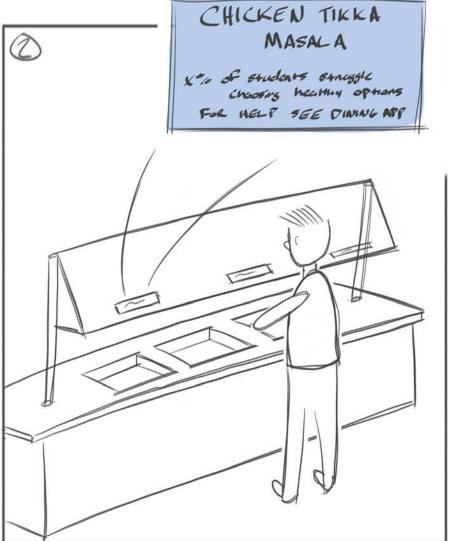
SOCIAL GROUPS DRIVE PERCEPTIONS, WHICH DRIVE DECISIONS Change up living situation every years Kuping same Mosen' Par 2131-2000 but changing PANDOM DINNER DATE EDH- ERPM 1 code / SWHENING & SOUTH DINING "based to been to memberine more interaction between growth 10°7/2 %2° Gamp Hall Fau BOOK pogc Lyvics 'Mass COMPATIBILITY TEST 20 GROUP MATCH V 3 6) " YIK YAK" FOR STYRED + 异异子等 Sprinks on us
for each grade
we club rother
Reparations BENDTEIBUNE prevent Autont from being MOREAU SYLLARUS 1) 1 creat coun ----7) Clubs for credit locked into to incentivate social groups they're no longer commy a Influence of Social groups

a self-drown deuterns in for housing DEHIND THE Off - campus Diversity Ambassador based on Horvord's model make it a desired position ROTATING DORMS McNell "Define your normal" "WE CO First years switch EXPAND! h houring, drinking, dorms every 2 months to switch up social sound for and then place dorn for word year. KNOTT DILLON posters around campus expand on EXPECTATIONS VS. REALITY MOREAU CLAS DEUSION APP (ct college behavior) How to recogni EVERYONE THE MAKES *STATS! decision about something on * SENIORS TALK TO CLASS! own ... Then, vereal monds decisions mendi deuron: 888888 WHAT I WEH DIO / COMO HAN FIRST YBARS Concept Ideation Design Research Practices

SOCIAL NORMS DRIVE PERCEPTIONS WHICH DRIVE DECISIONS.



People Like Me





THERE IS NO PRESCRIBED STUDENT/FACULTY RELATIONSHIP

Concept - Know your professor

Did you hear that ND change the Prof auto page so you can know them better?





Olivia Lewis

Associate Professor 574 xxx xxxx Olewis @ nd. edu

I apprectate when

Student can reach out

with specific questions

Besides class content you can also ask me about :

- * Research in astrophysic
- + Career in NASA
- * Sci-filiterature
- + Bluegrous music

speed to reply email	
Workload for class	
Less tokely + a answer	

question after 6 pm

Prof Lewis is an astrophysicist and researcher of

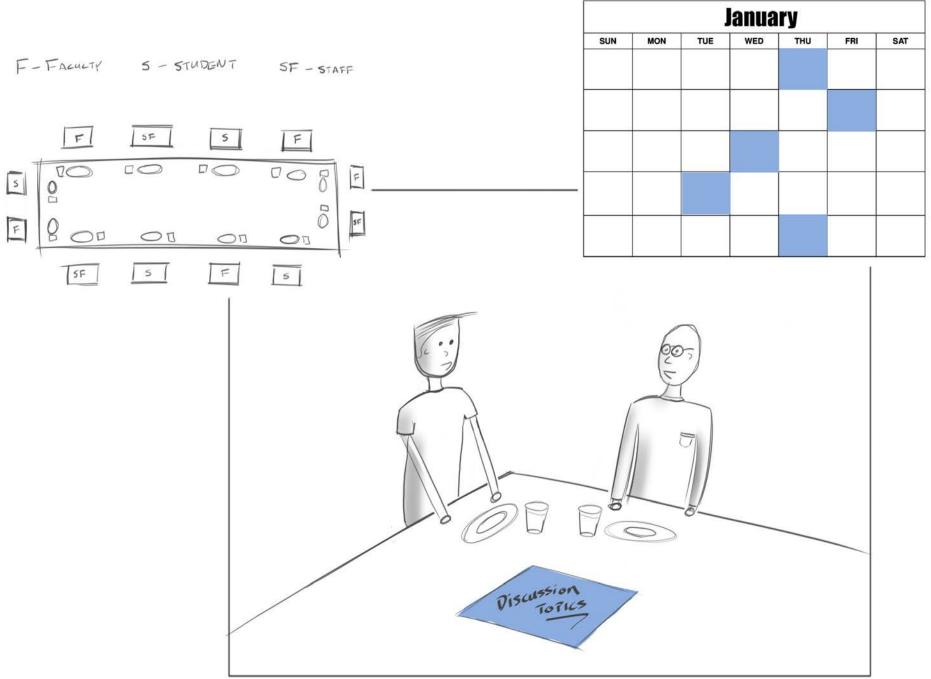




THERE IS NO STANDARDIZED DIALOGUE ABOUT INCLUSION + DIVERSITY FOR STUDENTS STAFF, + FACULTY "COFFEE TALK" Specific tenining like Green Box DEMON WALK THE WALK activities for ALL replace luncheon time slot Role-playing to build proper dialogue on how to be inclusive (Not like the version on the office) Walk the Walk week? crey februng? BIVEISIT

DIVISIONS AMONG STUDENTS, FACULTY, AND STAFF LIMIT COMMUNITY-WIDE DIALOGUE ABOUT DIVERSITY AND INCLUSION.

Fireside Chats



CONCLUSION

Cris and Molly

PROCESS SUMMARY

Survey and Needs Assessment

KWHL Charts and Stakeholder Maps

Interviews, Photo Ethnography, Graffiti Wall, Journey Map, Card Sorting, Observation, Personas

Affinity Diagramming

Concepts

FUTURE RESEARCH

There are many opportunities for growth in research!

The University has shown commitment to issues surrounding inclusivity

The community has shown equal interest in engaging more with these issues

Continue the conversation

Impact of the survey expand information

There are many opportunities for growth beyond our research!

The Notre Dame community is excited to see something become of their feedback and input

Creating specific shifts in culture

Interventions, in activities, environments, interactions, objects, and users

THARK YOU.