



Preserving Language: Challenges with ASL

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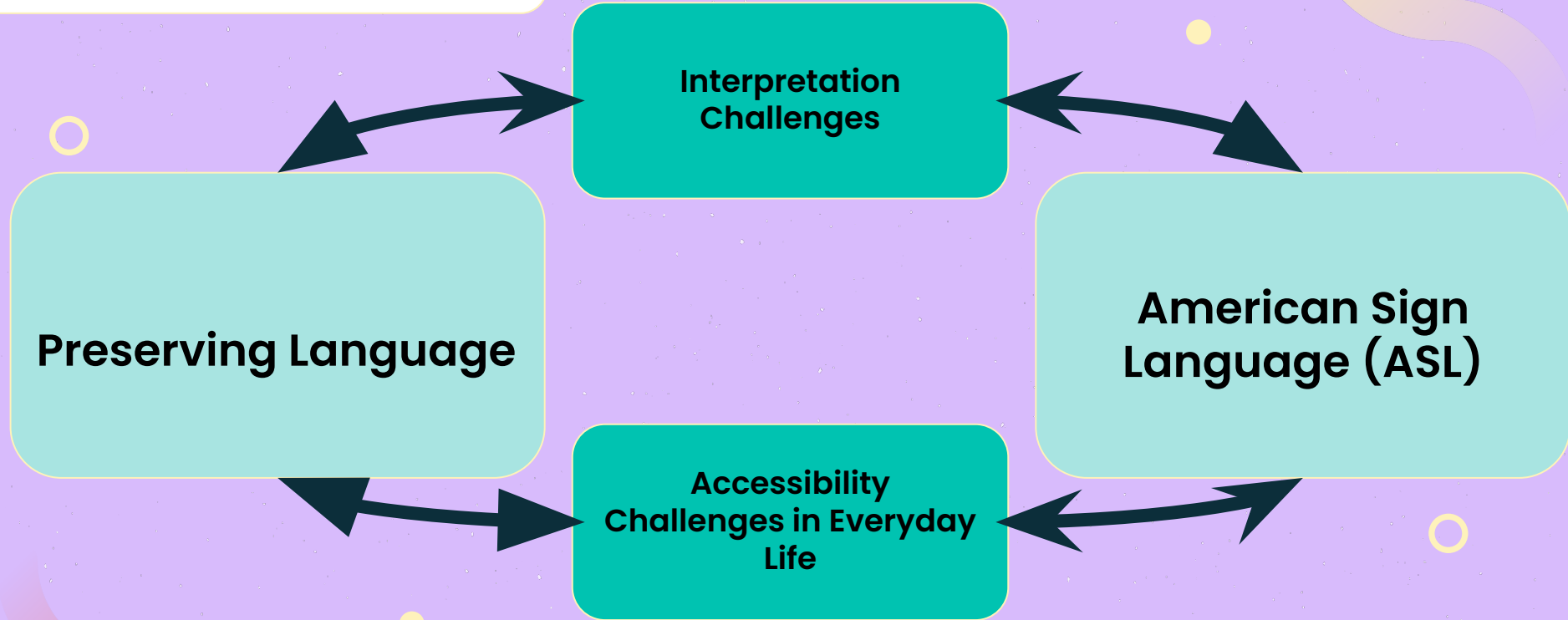


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Selecting our Domain





Needfinding Methodology

Looking for Participants

1. **Non Stanford Students**
2. **Affiliated with the Deaf Community**
 - a. Interpreters, native signers, students
3. **Diversity**
 - a. Age, gender, ASL experience and background

We spoke to...



Melanie Lu
ASL Student
6 years of experience



Juanita Nickerson
ASL Interpreter
25 years of experience



Trin Nobles
ASL Student (hard of Born deaf and native signer hearing)
3 years of experience



Kin Lin

We asked them...

What aspects of being an ASL interpreter do you find most rewarding and most challenging?

What motivated you to start learning ASL?

How do you define personal empowerment as a Deaf individual?

What linguistic or cultural aspects of ASL surprised you?

How has ASL played a role in your life and interactions with others?



Interview Results



Melanie Lu

ASL Student

6 years of experience

“She looked at me and she signed she was deaf, and I signed back to her. And her jaw dropped.

I just made a part of everyday life a little bit *easier and more accessible* for them.”



Juanita Nickerson
ASL Interpreter
25 years of experience

**"If your heart's not in it, don't do it.
Turn around and walk out the door."**

***"In this profession, you are
literally someone's voice."***



Trin Nobles

ASL Student

3 years of experience

“Sign Language isn’t just signed English. It’s an adult language.”

“Deafness has a whole culture around it.

It’s not just a lack of hearing, it’s also respect and learning from one another.”



Kin Lin

Born deaf

Native ASL speaker

“People have misconceptions about deaf people like thinking that deaf people can’t drive. We have eyes, we can see the road.

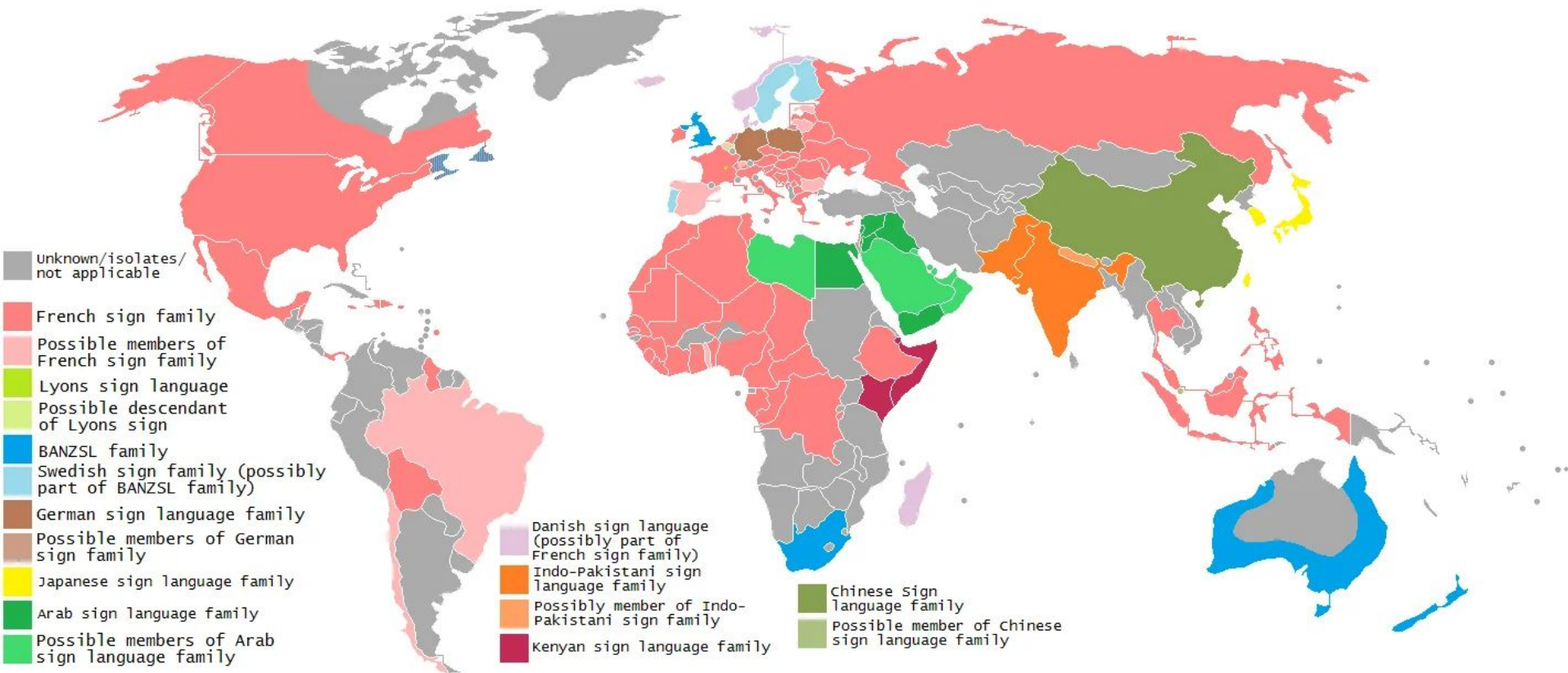
I don’t let hearing people tell me that I can’t do anything.”

Analysis

The background is a light purple gradient with a fine, sparkling texture. It features several decorative elements: a large yellow circle on the left, a large blue circle on the right, a large reddish-orange circle at the bottom center, and a teal wavy line at the bottom right. There are also several smaller yellow circles scattered throughout the scene.

Surprises

1. ASL is a **completely different language** from English. Thus, **conceptually accurate interpretations (ASL)** are not the same as **word for word translations (Signed Exact English or SEE)**.
2. There is a halfway point between ASL and SEE called **PSE (Pidgin Signed English)** that follows **English syntax rules** but uses **ASL vocabulary**.
3. Sign languages are **not universal**, they are **regional**. While the US, England, and Australia are all English-speaking countries, each country has its own sign language. ASL is derived from French Sign Language.



Contradictions

1. While some deaf people identify as **disabled**, others **push back against this label** as a form of self-empowerment.
2. Not all deaf people use **sign language**. Some (typically those with assistive technology or late-deafened individuals) use **alternate methods of communication like lip-reading**. Some use **both**.
3. Some deaf people prefer **literal translations** for the sake of preserving the original message while others prefer that interpreters focus on interpreting the **meaning behind the message**.

Accessibility symbols

for people with hearing loss



International
Symbol of Access
for Hearing Loss



Assistive
listening
devices



Telephone
typewriter



Volume
control
telephone



Sign language
interpretation
provided



Closed
captioning



Open
captioning



Healthy Hearing

www.healthyhearing.com

T E N S I O N S

1. Advanced ASL students that have a strong desire to continue learning often feel **stranded** if they **don't have a Deaf community** to immerse themselves in.
2. While interpreters are committed to access, **not every client will find them to be the right fit for them** (depending on accent, style, etc).
3. Interpreters often face **ethical challenges** when it comes to being a neutral party.
4. The barrier between the hearing and deaf community is a linguistic one, **rooted in the lack of a shared language.**
5. Some people find the distinction between **deaf** and **Deaf** to foster a **stronger sense of identify**, while others find it to be **divisive and invalidating.**
 - a. "Lowercase d" deaf refers to the medical condition of hearing loss, while "capital D" Deaf refers to those who identify as not only physically deaf, but also take pride in being culturally Deaf.

Which one are you?



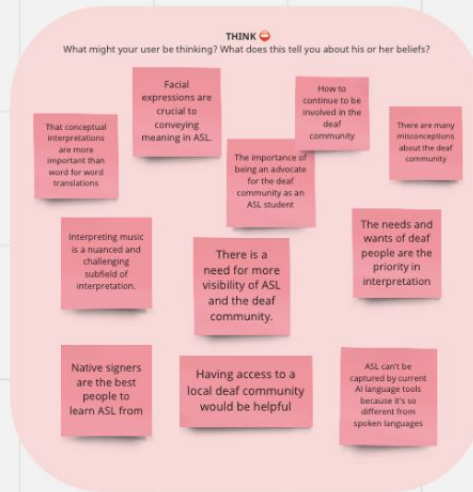
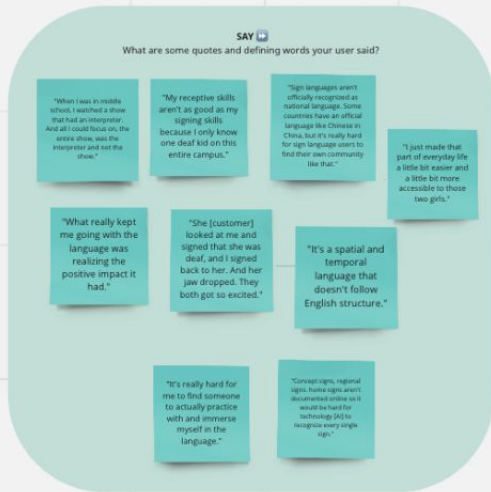
Aditya 2010

Melanie's Empathy Map

"I really want to be somewhere where on the daily, I'm forced to sign and communicate with people in the Deaf community."

"Deafness is not negative. It's not something we need to fix."

Joy about her ability to make a positive impact and connect with deaf people



There is a need for more visibility of ASL and the deaf community.



Switching to ASL when describing a particularly complex aspect of the language.

Smiling when talking about interactions with deaf people in her life

Insight:

ASL students feel like they've **hit a wall** when they reach the end of their ASL courses.

Without a space for continued practice and feedback, they are **unable to put their newfound knowledge to use or develop a higher level of fluency.**

Need:

ASL students need **post-course completion support** in finding an immersive environment where they can **consistently practice ASL** and **develop their relationship with the Deaf community.**

Juanita's Empathy Map

If we're talking about a solar system, and galaxy and gravity... how do you assign gravity? You can look it up on a book, but what does it look like? We have a board where we write words down, and ask each other how would you sign gravity.

When you go to college, you learn everything about the language itself: the adverbs, adjectives, why are they on your face? Why don't you have people make these strange faces? Why do interpreters use their tongue? So much goes into the language.

Passionate that working with ASL must be ethical

ASL learners learn from each other.

SAY

What are some quotes and defining words your user said?

Deaf people are very blunt. They will tell you how it they don't like you. "She's too stressed!"

"I can't find classes, the university site isn't my way. To take sign language, you have to attend a 160-hour course. I don't have the prerequisite classes or good grades. What language? I don't know how to use sign and I don't know how to read. Interpreting isn't just about skills of the hand, it's about the mind."

Each interpreter needs to know their skills and to study it. They need to know the assignment, only when they find that they are working, call that for the money.

Every situation is a challenge. Nothing is a challenge if you're used to doing things.

Likes the challenge of being able to walk into a situation, assess a situation, and be able to try and meet the needs of the client.

Every deaf person you're not going to meet with. That's a challenge. If your styles are different, if your styles are able to interpret, you're able to sign, they need to sign like this, because that teacher that person... sometimes no matter how hard you try, they might not like your style.

"We walked into a doctor's appointment before and then we saw going to be an abortion. What do you do then?" "I'm a know what I want? I walked into a gap about when somebody else being given the last one. Everyone offers and think it's all a challenge, but all at the same time, the language is beautiful."

Each interpreter needs to know their skills and to study it. They need to know the assignment, only when they find that they are working, call that for the money.

FEEL

What emotions might your subject be feeling?

Love for ASL as a language as well as the community of people that use it

Grateful for the ability to sign in ASL and help those who are underserved with their needs/rights

Getting an education is crucial to becoming an ASL interpreter

A sense of duty to advocate for accessibility

Deaf people are very blunt and it is important to understand that.

Sign language is a language. It's the representation of language on your hands.

Likes the challenge in meeting the unique needs of each client

Proud of the effort she put in to get where she is today

THINK

What might your user be thinking? What does this tell you about his or her beliefs?

Thinks it's important for assignments to be consistent of their individual evaluations before assigning assignments.

Thinks it's important for user interpreters to go through an ITT program to gain a deeper understanding of sign language.

It's important for interpreters to comprehensively prepare before accepting assignments.

Blacks critique in regards to interpreter compatibility in a prepare, and should not be taken personally.

Securing an interpreter is increasingly difficult due to fewer educational requirements and performance assessments. A good interpreter could not be easily replaced.

Interpreters must be ethically committed and willing to put in the time and effort.

Thinks it's important to adapt to the signing styles of each deaf person to better accommodate their needs

When she started learning ASL, you didn't need a background to become an interpreter, but now it is a profession.

Interpreters must get a college education and pass classes, that's the only way to understand the language.

It's crucial for learning that ASL learners use each other as resources

She thinks visually, in pictures.

DO

What actions and behaviors did you notice?

Use a variety of internet resources to better prepare herself for the unique challenges brought about by each assignment

Worked hard at her church

Works as a freelance interpreter in other environments (e.g. doctors appointments)

Proactively gets resources from teachers to better prepare when interpreting in educational settings

Went to college and later an interpretation Preparation Program (ITP) to learn more about sign / ASL

Acts passionately about her work as an ASL interpreter

Communicates with her team and works closely with them depending on the applicability of their experiences to a current client

Brainstorms with her team and other deaf adult/teachers to create ways to sign words that may be more difficult to present visually (e.g. gravity)

Works at a regular public elementary school that has a full deaf program for the Concord area

Working full-time as an educational interpreter since 1999

Insight:

The many **misconceptions about ASL and deafness** have a negative impact on Deaf people on an individual and societal level.

Need:

We need to **foster connections** between non-verbal and verbal speakers, promoting mutual understanding each other and access to everyday opportunities.



Summary

What we learned after interviewing 4 ASL users...

1. Deafness is more than a disability, **it's a cultural and linguistic identity.**
2. ASL is a nuanced language **independent from English.** The meaning of a sign can change depending on **facial expression and speed.**
3. It takes a lot of **empathy and commitment** to learn ASL, both for verbal and non verbal speakers.



What's Next?

- 1. Narrow down problem domain, focusing either on fostering community or enhancing language learning**
- 2. Create HMW statements and experience prototyping**
- 3. Interview more participants within our refined scope**

