





Introducing and Conceptualizing the Linguistic Landscape of Hispanic-Serving Institutions

Rob Troyer, Professor of Linguistics Western Oregon University



Organization



Definition & Background

Example: Independence, Oregon



2) Schoolscapes

Definition & Background

Examples: K-12 School District,

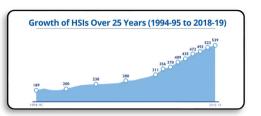
Public 4-year University





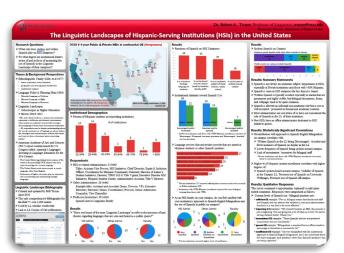
3) Hispanic-Serving Institutions

Definition & Background



4) Current Research

2022-23 Survey of HSIs





Linguistic Landscapes



the language/s emplaced and visible in public spaces:

advertisements, place names, shop signs, protest posters, warning labels, graffiti, bulletin boards, and online spaces



Linguistic Landscapes



multidisciplinary approaches to the functional and symbolic purposes and semiotic construction of linguistic landscapes



Linguistic Landscapes



Common approaches and topics

- Multilingual settings; Urban environments; Schoolscapes
- Ethnolinguistic vitality of minority languages
- Language Policy and Planning
- Minority Languages / International Languages
- Semiotic role of language in the public sphere
- Language ideologies
- Language teaching and learning





Linguistic Landscapes to LL

A brief history

Transfer motory	
1977-1997	Early work on public signage, not using the term 'Linguistic Landscape'
1997-2006	Landry and Bourhis' (1997) seminal article coining the term 'Linguistic Landscape' followed by other early studies
2006	Publication of special issue of <i>International Journal of Multilingualism</i> devoted to LL subsequently published as <i>Linguistic Landscape: A New Approach to Multilingualism</i> . Multilingual Matters
2008	First International LL Workshop, which subsequently grew into an influential annual conference resulting in several edited collections (2009, 2010, 2016, 2020, forthcoming)
2010	Publication of Jaworski and Thurlow's collection <i>Semiotic Landscapes: Language, Image, Space</i> , which broadened the semiotic scope of the field
2015	Launch of <i>Linguistic Landscape: An International Journal</i> published by John Benjamins
2015-2022	Exponential growth in the field with an average of approximately 125 publications (articles, chapters, dissertations, monographs) per year



1) Linguistic Landscapes

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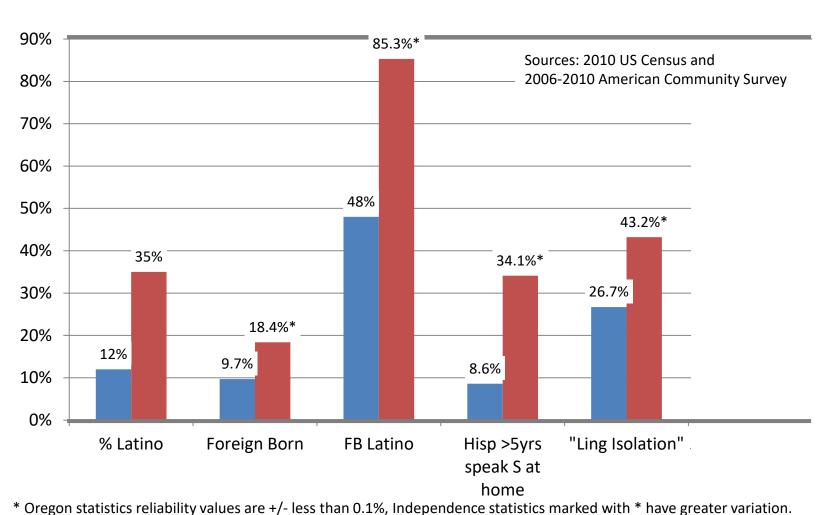
¿Dónde Está el Español?

The Linguistic Landscape of Small-town America

Dr. Rob Troyer
American Association for Applied Linguistics
troyerr@wou.edu
Conference: Dallas, TX
Dept of English, Writing, & Linguistics
March 17, 2013
Western Oregon University

Dr. Carmen Caceda, Teacher Ed. Dept.; Dr. Patricia Gimenez, Spanish Dept.

Oregon Independence, Oregon (pop. 8,590)



Methodology

Quantitative

? What languages constitute the LL?

Photographed all signage along the two main streets

Qualitative

- ? How do different LL agents understand the role of Spanish in the LL?
- 8 Interviews: 4 Latino business owners,
 - 2 non-Latino owners/managers (display Spanish),
 - 1 non-Latino manager (no display of Spanish),
 - 1 City Official

Independence, Oregon (pop. 8,590) Hoffman Rd Hoffman R

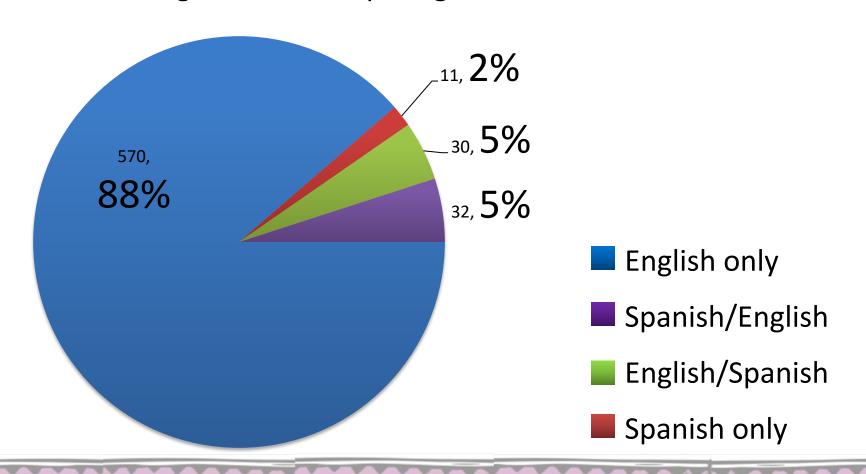
Quantitative Results Total signage 646 total signs, 457 unique signs, 187 entities

Quantitative Results

Total signage

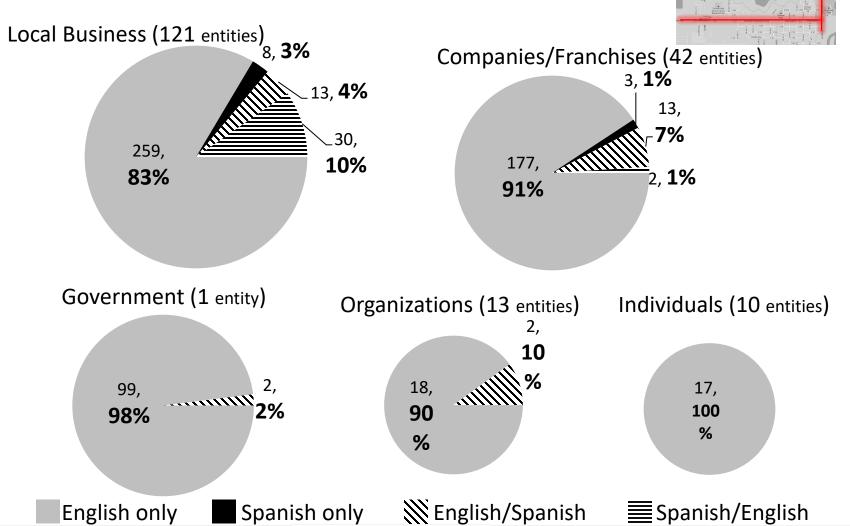
646 total signs, 457 unique signs, 187 entities





Language choice by type of entity Services (58 entities) General Goods (39 entities) Restaurants (30 entities) 1, **1%** 2, **1% 7**% 11, 11, 12, 6% 7% 14% 164, _8, **4%** 146, 68, 89% 92% **79%** Non-commercial (29 entities) Real Estate (28 entities) Convenience Stores (3 entities) .2, **1%** 3% 4% 138, 13, 2% 5% 39, **57%** 94% 93% 39% 2% Spanish only Spanish/English English/Spanish English only

Language choice by power flow



Qualitative Results

Latino business owners

- Very conscious of the functional role of Spanish signs
- Very conscious of their symbolic role
- Unaware of the constitutive nature of the LL
- Reticence and fear of authority
- Denial vs. acknowledgement of discrimination against public Spanish





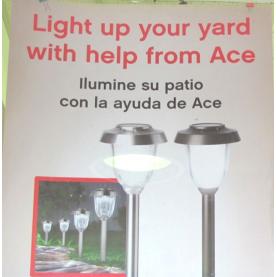
Qualitative Results Non-Latino business owners/managers w/Spanish

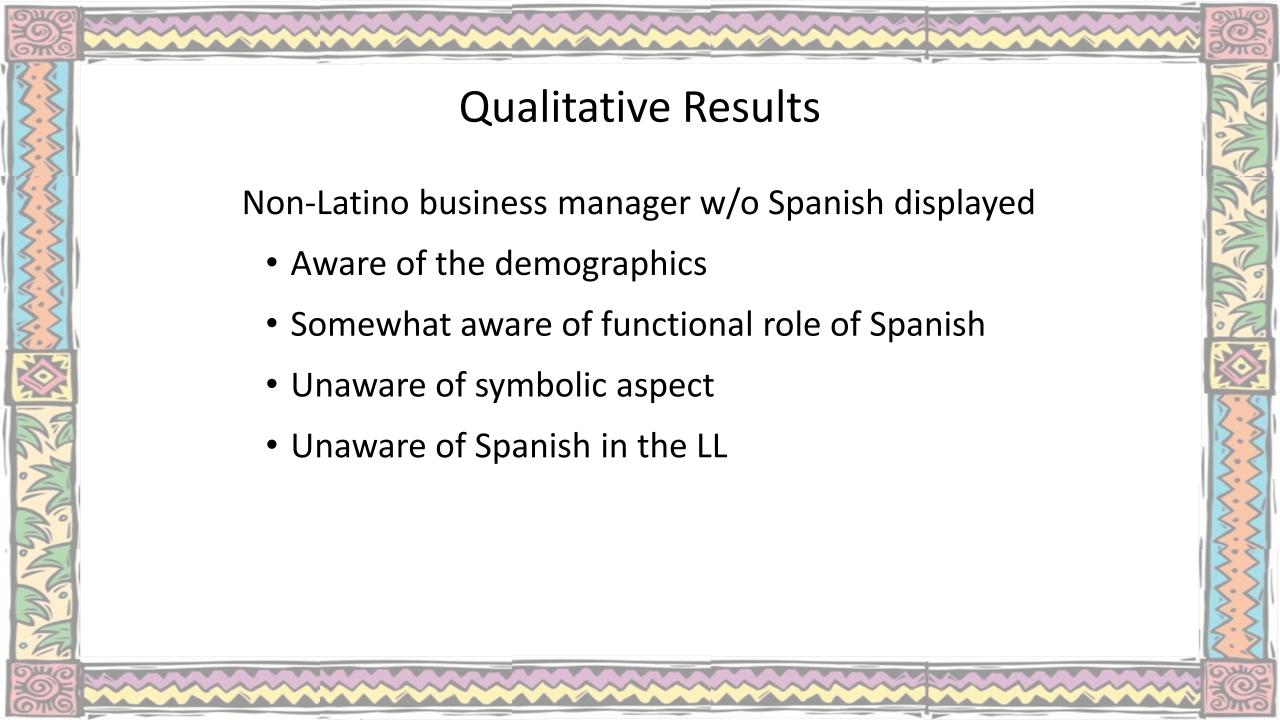
- Very conscious of the function of Spanish signs
- Aware of the symbolic aspect of Spanish signs
- No consideration of the contribution of the LL to the town as a whole
- Waning discrimination against public Spanish













Qualitative Results City Government Official Very conscious of demographics Bilingual staff Bilingual mailings Actively seeking Latino community involvement Spanish in the media No awareness of Spanish in the LL

The only 2 government signs w/Spanish





Summary • 11% of public signage included Spanish 17% of entities posting signage included Spanish Spanish primarily in 2 small geographic magnets/ sites of engagement (Norris and Jones 2005, Scollon 2001) Mexican restaurants, convenience stores, shops selling Mexican goods Local business owners and national advertising vs. local government and individuals

Conclusions • LL reflects socioeconomic disparity • LL agents perceive the functional and symbolic nature of the LL in very different ways

- LL agents are largely unaware of the role that the LL plays in shaping the public sphere and lived environment of the community
- Lingering presence of linguistic intolerance and racial and social prejudice combined with Hispanic's fear of immigration issues
- Optimism for and acceptance of multilingualism



1) Linguistic Landscapes

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2) Schoolscapes

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Children in the Linguistic Landscape

"[The linguistic] landscape provides [children] with information about the population of their neighborhood, it signals what languages are prominent and valued in public and private spaces and indexes the social positioning of people who identify with particular languages."

"As children begin to move around their communities, interact with others and learn to read the signs that surround them, they attribute meaning to the public/authoritative discourses of their cities. They appropriate these discourses, transforming them to make them their own..."

Dagenais, Moore, Sabatier, Lamarre & Armand (2009)

Dagenais, Diane, et al. "Linguistic Landscape and Language Awareness." *Linguistic Landscape: Expanding the Scenery*, edited by Elana Shohamy and Durk Gorter, Routledge, 2009, pp. 253–69.





Schoolscapes

"...an important educational factor in shaping identities and dispositions toward a regional culture that I term the 'schoolscape.' The schoolscape comprises the physical and social setting in which teaching and learning take place. It is the vital, symbolic context in which the curriculum unfolds and specific ideas and messages are officially sanctioned and socially supported in the school."

Brown (2005)

"The state-funded school, a central civic institution, represents a deliberate and planned environment where pupils are subjected to powerful messages about language(s) from local and national authorities."

Brown (2012)

Brown, Kara D. (2005). Estonian schoolscapes and the marginalization of regional identity in education. *European Education*, *37*(3), 78–89.

Brown, Kara D. (2012). The Linguistic Landscape of Educational Spaces: Language Revitalization and Schools in Southeastern Estonia. Gorter et all (Eds.). *Minority Languages in the Linguistic Landscape*, Palgrave Macmillan. pp. 281–98.





Schoolscapes

Recent collections

Laihonen, Petteri, and Tamás Péter Szabó (Eds.). 2018. Special Issue of *Linguistics* and Education, vol. 44.

Malinowski, David, et al., (Eds.). 2020. Language Teaching in the Linguistic Landscape: Mobilizing Pedagogy in Public Space. Springer Cham.

Krompák, E., Fernández-Mallat, V., & Meyer, S. (Eds.). 2021. *Linguistic Landscapes and Educational Spaces*. Multilingual Matters.

Niedt, G., & Seals, C. A. (Eds.). 2021. *Linguistic Landscapes Beyond the Language Classroom*. Bloomsbury.

Malinowski, David, et al., (Eds.). 2023. *Spatializing Language Studies: Pedagogical Approaches in the Linguistic Landscape*. Springer.





<u>Theme of LL13</u>: Semiotic landscapes in educational spaces

Schoolscapes



PROJEKT KARTE FORSCHUNG VERANSTALTUNGEN BERICHTE **TEAM LL13**



The 13th Linguistic Landscape Workshop semiotic landscapes in educational spaces

7 - 9 September 2022 | Universität Hamburg





2017: The American Academy of Arts and Sciences (AAAS) issued a report commissioned by the US Congress titled:

"America's Languages: Investing in Language Education for the 21st Century"

- The ability to understand, speak, read, and write in world languages, in addition to English, is critical to success in business, research, and international relations in the twenty-first century.
- The United States needs more people to speak languages other than English in order to provide social and legal services for a changing population.
- The study of a second language has been linked to improved learning outcomes in other subjects, enhanced cognitive ability, and the development of empathy and effective interpretive skills. The use of a second language has been linked to a delay in certain manifestations of aging.
- The United States lags behind most nations of the world, including European nations and China, in the percentage of its citizens who have some knowledge of a second language.



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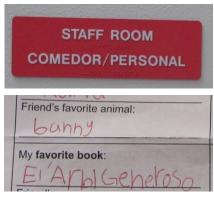




Spanish Across the Linguistic Schoolscape of an Oregon School District











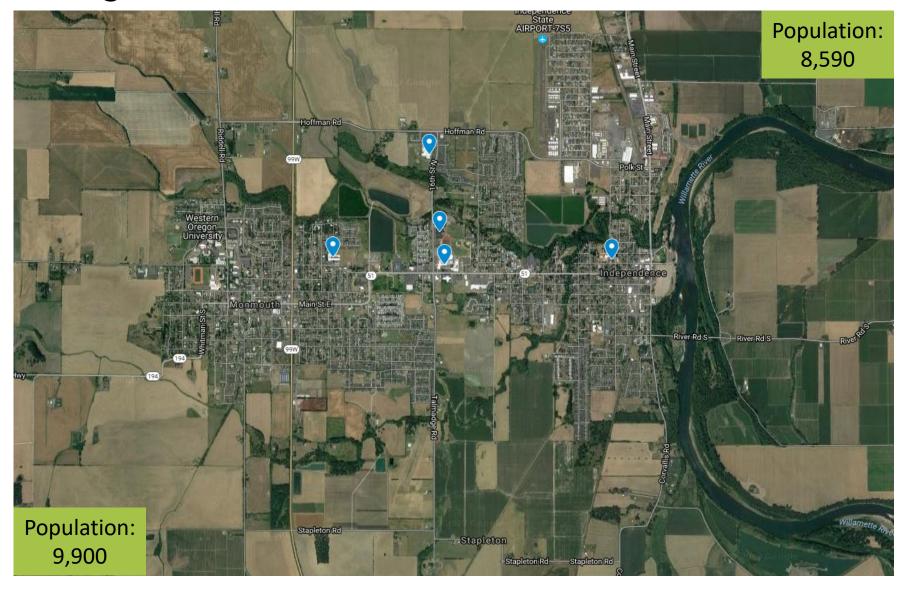


Rob Troyer

Western Oregon University

AAAL March 2017 Portland, Oregon

Background: Central School District



AAAL March 2017 Portland, Oregon

Background: Central School District

Demographics (2014-15)

Total enrollment (5 schools): 3,480

Economically disadvantaged: 2,025

Ethnic Diversity

White: 2,862 (82%)

American Indian/Alaskan: 536

Black: 77

Asian: 65

Hawaiian/Pacific Islander: 34

English Learners (2014-15)

Elementary 1: 168 (28%)

Elementary 2: 170 (28%)

Elementary 3: 105 (17%)

Middle School: 103 (17%)

High School: 61 (10%)

ELD Program

K-3: Formerly, Early exit bilingual Now,

English sheltered instruct.

4-5: Sheltered instruction (& ELD)

6-12: Sheltered instruction (& ELD)

AAAL March 2017 Portland, Oregon

Research Questions

- What is the functional distribution of items posted in the schoolscapes?
- How are different types of agency for shaping the LL of the schoolscape distributed among administrators, teachers, staff, parents, and students?
- What languages are used and how does this vary across functions, classrooms, and schools?
- How do the functions interact with language choice and agency to convey language ideologies and hierarchies that affect identity construction?

Methodology

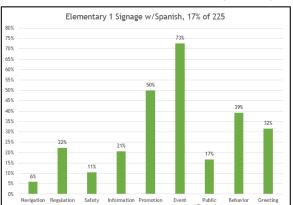
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Quantitative: Photographic overview of signage (fall 2016)
            Elementary School 1:
                                    225
            Elementary School 2:
                                    177
            Elementary School 3:
                                   122
                   Middle School:
                                   63
                     High School: 460
                           Total: 1,047 signs
Qualitative: Interviews (audio and/or video) (fall 2016-winter 2017)
             Teachers
               Elementary 1: Kelsie (video tour of classroom and hall, 17 min)
               Middle School: Linda (audio, 16 min)
               Middle School: Betsy (video tour of classroom, 15 min)
             Administrators
               Elementary 2: Tracy (audio, 25 min)
               High School: Kandice (audio, 31 min)
               District Office: Elaine & Barbara (audio, 55min)
```

Functional Categories of Schoolscape Signage

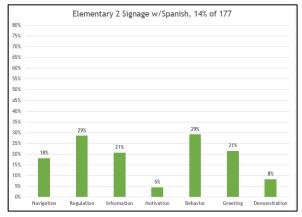
<u>Required</u>	<u>Interactive</u>	<u>Educational</u>	Identity-marking
Accessibility	Advertisement	Behavior	Award
Navigation	Event	Demonstration	Decoration
Regulation	Greeting	Information (S) (A)	Place-marking
Safety	+implicit Regulation	Instruction	Personal Expression
Warning	Promotion	Motivation	Public Expression

Results: Overview signage w/Spanish

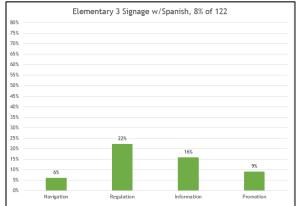
Elementary 1: 39 of 225 (17%)

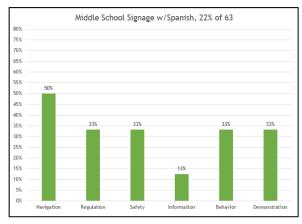


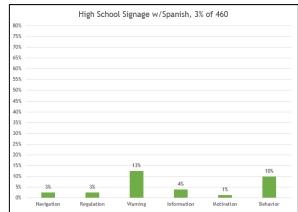
Elementary 2: 24 of 177 (14%)



Elementary 3: 10 of 122 (8%)







Middle School: 14 of 63 (22%)

High School: 13 of 460 (13%)

From interview with high school administrator:

Influence of Administrative policies

"And an interesting piece for this high school is that when it was being rebuilt, there was a different Superintendent, and, um, the project manager, um, believed strongly that English is the language. And so there was a lot of debate about whether our signage should be in Spanish and English. And the decision was made by the people in charge of the project that we were doing



only English. It was a big controversy. ... Since then, of course, there have been quite a bit of signage change, like our POWER signs are in both English and Spanish."

Results: Factors affecting the schoolscape

Architecture

Policies & Administrative decisions

Orientation: Accessible & Welcoming vs. Symbolic & Educational

Awareness of LL

Perceived salience of LL

Agency

Discussion

Agency

Proactive agency is in the hands of building administrators

Teachers and staff exercise reactive agency in light of district policies

Students have almost no agency

Orientation

Accessible & Welcoming (acknowledged and promoted)

vs. Symbolic (somewhat acknowledged: token / banner Spanish)

& Educational (not acknowledged: Spanish lg. maintenance, literacy promotion, Spanish as 2nd lg.

Language ideology

Institutionally, Spanish is an afterthought, something that plays an important role in the community, but is not woven into the curriculum or mission of the school.

Conclusions

- Little district-wide coordination of the schoolscape
- Multiple intersecting factors affect each site
- Building administrators have high degree of control
- Individual's attitudes toward language, LL, and their agency affect their actions
- The visible LL does not reflect the complete LL
- Individuals endorse multilingualism and the valuing of home languages however, orientation is toward being accessible & welcoming, not the symbolic and ideological or promotion of bilingualism
- Schoolscape studies can raise awareness and potentially lead to positive cooperation between researchers and school agents



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Attitudes Toward a University Schoolscape

Rob Troyer, Associate Professor of Linguistics Western Oregon University

XIScapes LL Workshop 6-8 June 2019, Bangkok, Thaland

Context: Western Oregon University

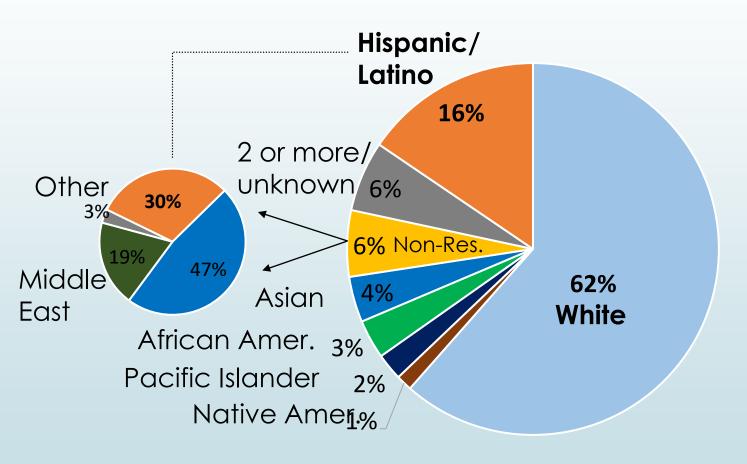


Context: WOU



Context: WOU Demographics (Fall 2018)

Students: 5,185 Oregon residents: 3,965, Out of state: 1,220 (Non-US Residents: 299)



Context: Languages at WOU

Students: 5,185

(estimates based on demographics and languages studied)

<u>L1</u>	<u>L2</u>
800	<2000
130	<20
58	<5
<20	<400
<10	<300
<10	<100
<10	<80
<10	<40
	800 130 58 <20 <10 <10 <10

10 other language (at least) are student L1s

Background: Changes to the Schoolscape

Winter 2018, LING 399H: Language in Place

- Campus survey (multilingual signs)
- Consultation with Dean of the College of Education and representative from Facilities Services (re: additional of multilingual signage)
- Class exploration of RWEC building & recommendations for signage

Results

Summer 2018: Multilingual Welcome banners

Winter 2019: Departmental Office signs

Elevators, Restrooms, Lactation rooms

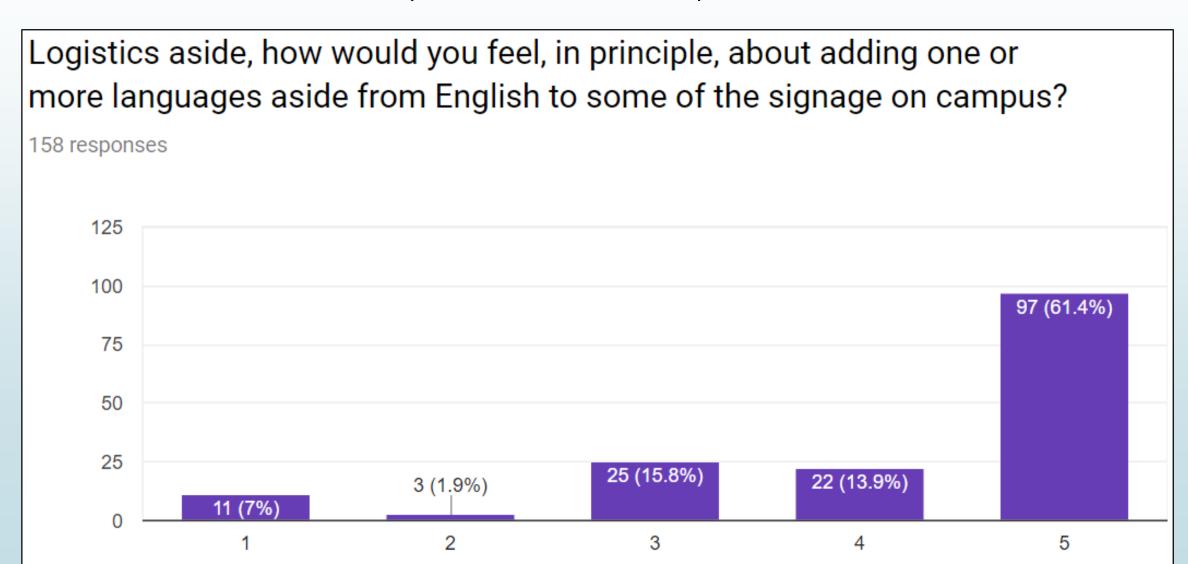
Spring 2019: Commencement signs



Background: Attitude survey

WOU Survey: The Languages that Surround Us

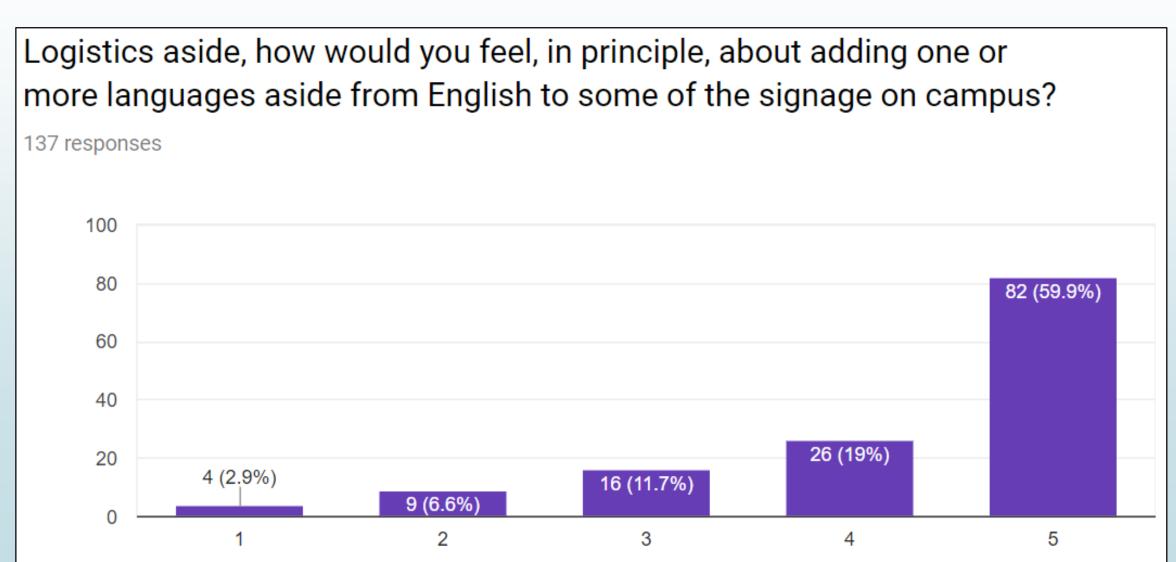
March 7-18, 2018, Faculty and Staff: 158 responses



Background: Attitude survey

WOU Survey: The Languages that Surround Us

March 7-30, 2018, student emails and social media: 137 responses



Research Questions

- 1. What attitudes do different L1 groups have toward multilingual signage in an institutional building?
- 2. Do attitudes differ among the following groups:
 - L1s of the majority language
 - L1s of minority languages (emplaced)
 - L1s of minority languages (not emplaced)

Concepts included in 'attitudes'

- saliency of signs and languages
- affective responses to language choice and design
- assumptions about the purpose of multilingual signs
- advantages and disadvantages of the signs

Theoretical approach: Nexus Analysis

multi-level theory of situated social action; language in all forms is one of the mediational resources (cultural tools and knowledge) that affords social action and the construction of social identities. Our social actions, which are mediated by the conglomerate of semiotic resources, are part and parcel of multiple discourses that intersect in a given place and time.

Cycles/overlapping currents

Discourses in Place: the widely circulating ideas and beliefs that shape people's actions (includes but is not limited to the language on signs)

The Interaction Order: the types, norms, and expectations for social interaction (cf., Goffman)

The Historical Body: the sum of an individual's lifetime of experiences and practices (cf., Bourdieu's 1979 habitus)

Methodology

13 Walking Interviews in the RWEC building

- Feb 28 to April 9, 2019
- Led by researcher, semi-structured format
- 10-20 minutes (not including info and consent form discussion)
- audio/video recorded by student media group (QLoop)
- edited videos sent to participants for comments

Participants

- 2 L1 English users (1 bilingual w/Spanish)
- 3 L1 Spanish users (US resident students)
- 2 L1 Arabic users (International students)
- 2 L1 Chinese users (International students)
- 4 International students with L1s that are not on the signs

Methodology: Example Questions

Salience: When did you first notice the multilingual signs?

Affective responses: What do you feel and think about when you see <u>your language</u> represented on these signs?

other languages?

How do you think people with non-represented L1s might respond?

Assumptions about purpose: Why do you think these particular four languages were chosen?

What do you think are the purposes of the multilingual signs?

Advantages and Disadvantages: What do you think are the benefits of having multilingual signs? What are the disadvantages?

Additional topics: Should there be multilingual signs in additional buildings?

Data Analysis

Coding of transcripts according to question / topic category

Coding of type of response for each category

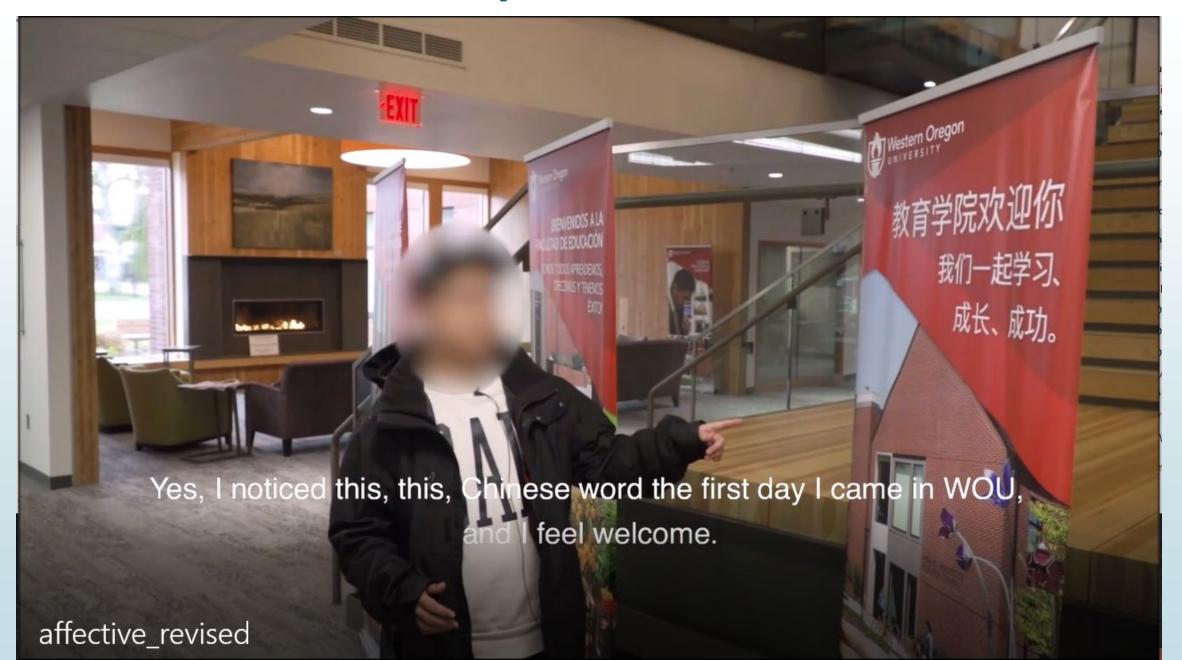
- Salience (degree of salience)
- Affective Responses (favorable, not-favorable, no opinion)
- Assumptions about Purpose (access, inclusion, lg. learning, modelling)
- Advantages (access, inclusion, lg. learning, modelling, none)
- Disadvantages (none, hinder English acq., too little-too late)
- Additional topics (ad hoc)

Coding of arguments for each (Ziegler, Schmitz, & Uslucan, 2018)

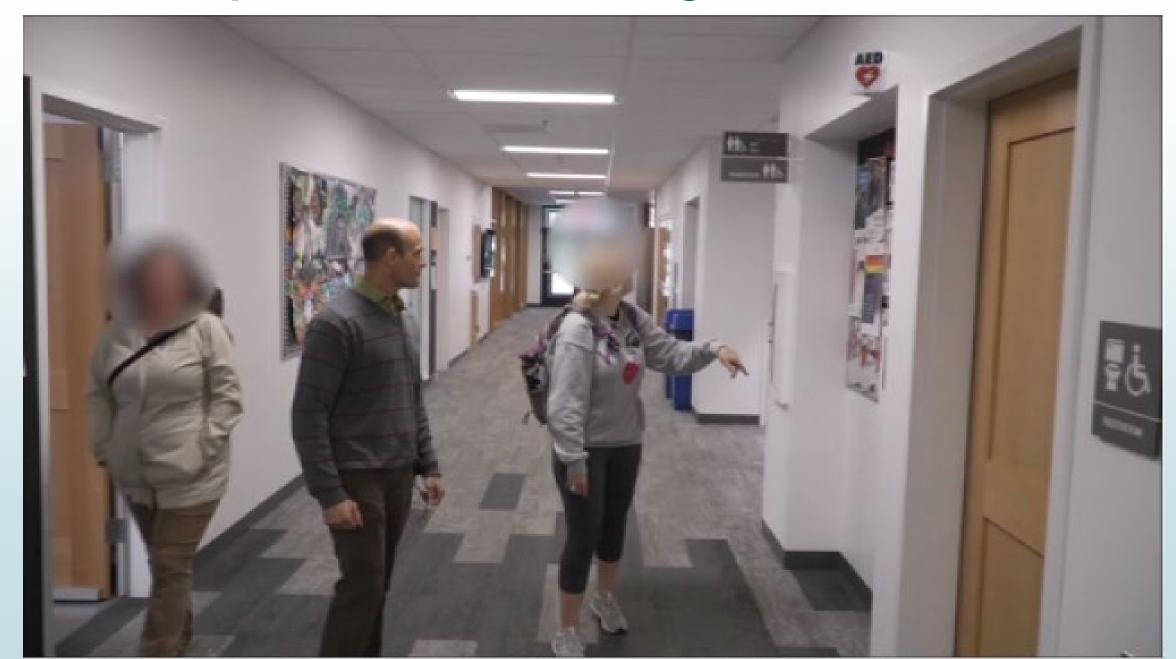
- Pragmatic argument
- Argument from self-reference
- Feeling-at-home argument

- Facticity argument
- Integration argument
- Normative argument

Results: Affective Responses



Results: Spontaneous Walking Tour comments



Conclusions

R1. What attitudes do different L1 groups have?

- The signage is very salient—students noticed it
- 12/13 participants had very favorable attitudes: welcoming, inclusive, feeling "at home"
- Perceived Purposes: accessibility, inclusion, language learning, multilingualism, modelling of K-12 educational contexts
- Advantages: see purposes
- Disadvantages: (3) might hinder English acquisition, unnecessary (1)
- 12/13 In favor of signage in other buildings

R2. Group differences?

Very few except for

- hypothesizing how others would feel if their language is not represented
- English L1s only group to express limits of # of languages on signs
- Spanish L1s only group to express surprise if Spanish is not present



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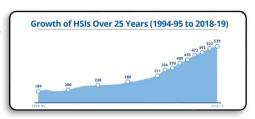
Public 4-year University





3) Hispanic-Serving Institutions

Definition & Background



US Demographics

2020 Census

Hispanic/Latinx population = 65.3 million = 24% of US population

2021 American Community Survey

Population foreign born = 45.3 million = **13.6% of US population** (50.1% from Latin America)

Language Spoken at Home (people over 5 years of age)

English only = 245.5 million = **78.4**%

Spanish = 41.3 million* = **13.2**%

Other languages = 26.5 million = 8.4%

* +7.6 million = 48.9 million

* including the approximately 7-8 million undocumented Spanish speakers in the US (Jan 2021 US Dept of Homeland Security data), the US is the second most populous Spanish speaking country in the world

Hispanic Serving Institutions History

- 1978 Latinx advocacy organizations form Hispanic Higher Education Coalition (HHEC)
- 1986 Leaders of universities with large Latinx enrollment form Hispanic Association of Colleges and Universities (HACU) and coin the term *Hispanic-Serving Institutions*
- 1992 The HSI designation and 25% Latinx enrollment level is established
- 1998 The Developing HSIs program was added as Title V of the Higher Education Act

Garcia (2019)

Currently US Dept of Ed => Office of Postsecondary Ed => HSI Division => 3 grant programs

- Developing Hispanic-Serving Institutions (DHSI) Title V, Part A
- Promoting Postbaccalaureate Opportunities for Hispanic Americans (PPOHA) Title V, Part B
- Hispanic-Serving Institutions Science, Technology, Engineering, or Mathematics and Articulation (HSI STEM) – Title III, Part F

https://www2.ed.gov/about/offices/list/ope/idues/hsidivision.html

Comparison to other racially minoritized institutions

HBCU (Historically Black Colleges and Universities)

- "...any historically black college or university that was established prior to 1964, whose principal mission was, and is, the education of black Americans"
- began to be established in the mid-19th Century, intended as racialized institutions separate from white universities until the end of segregation in 1954
- 2021: 99 HBCUs in 19 states

https://nces.ed.gov/fastfacts/display.asp?id=667

Contrasts

HSIs have developed from traditionally white Anglo institutions, thus...

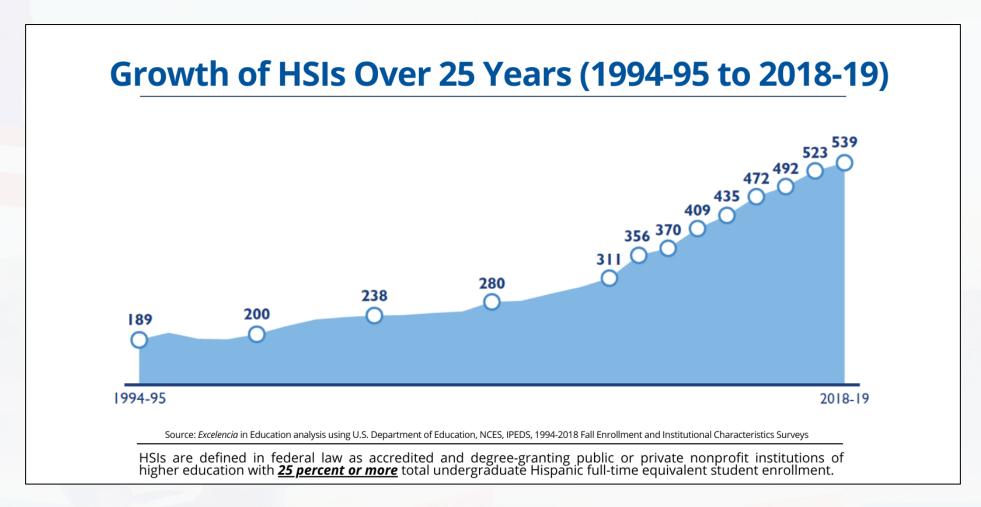
- relatively few curricular offerings that center racial/ethnic/minority experiences
- university experience reflects white Anglo expectations

Similarities

- institutional success based on traditional measures (persistence and graduation rates)
- marked as "inferior and less desirable" (Garcia, 2019)

Excelencia in Education

25 Years of HSIs https://www.edexcelencia.org/research/series/25-years-hispanic-serving-institutions-hsi-glance-progress



28 Years of HSIs https://storymaps.arcgis.com/stories/fc9d2e2e2274405c866ce3bd59dd17c4

HSI Analyses

Garcia (2017) Typology of Hispanic-Serving Institution Organizational Identities

Latinx-Producing Latinx-Enrolling	Latinx-Serving Latinx-Enhancing	High Low	Organizational Outcomes for Latinxs
Low Organizational Culti			

Issues and Challenges

- What does it mean to be an HSI?
- Assessing success of HSIs
- Balancing career preparation with wider future opportunities
- Providing cultural and <u>linguistic</u> support and enhancement
- Adding curriculum that centers minority experiences (Latinx, BIPOC, LGBTQ+ studies, etc.)
- Avoiding deficit ideologies; embracing diversity

HSIs and the Linguistic Landscape

Various schoolscapes

- Public campus areas (mostly outdoor)
- Semi-public areas (mostly indoor)
- Instructional rooms
- Online

Modality

- Visual
- Spoken

Curriculum

- Bilingual courses, degrees, programs
- English Language Support
- Spanish Language Development
- Spanish Language courses, degrees, programs
- Minority-centered courses, degrees, programs



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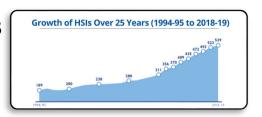
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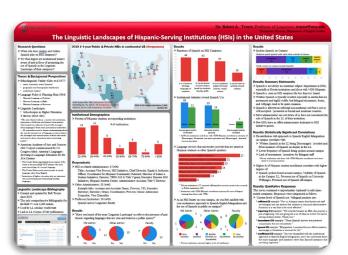
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4) Current Research

2022-23 Survey of HSIs







The LL of HSIs in the United States

Recent Presentations of Current Research

Troyer, R. (March 2023). **The Linguistic Landscape of Hispanic-Serving Universities in the United States**. Poster presentation at the American Association of Applied Linguistics (AAAL) Conference. Portland, OR.

Troyer, R. (Sept 2022). **The Linguistic Landscape of Hispanic-Serving Universities in the United States**. Presentation at the 13th annual Linguistic Landscape Workshop. Hamburg, Germany.





Introduction

Languages (2019 American Community Survey)

13.5% of Americans speak Spanish at home

5 to 17-year-olds who speak Spanish at home: 2.8%

2017: The American Academy of Arts and Sciences (AAAS) issued a report commissioned by the US Congress titled:

"America's Languages: Investing in Language Education for the 21st Century"

• The report specifically addresses the important role that institutions of higher education play in promoting and maintaining heritage languages.





Theoretical Perspectives

Ethnolinguistic Vitality (Giles et al 1977)

- status: economic, social, historical
- geographic and demographic distribution
- institutional support

Language Policy and Planning (Ruiz 1984)

- Minority Language as Problem
- Minority Language as Right
- Minority Language as Resource

Linguistic Landscapes

Schoolscapes in Higher Education

Research Questions

- What role does spoken and written
 Spanish play on HSI campuses?
- To what degree are institutional leaders aware of and in favor of promoting the use of Spanish in the Linguistic Landscape of their campuses?



Method and Design

At each institution we **contacted** (phone and email)

• A relevant administrator (Directors of HSI, Title V, TRIO Support Services, Diversity, Equity and Inclusion offices; Provost, Dean of Students)

-or-

• A faculty member in the Spanish or Linguistics Dept.

Qualtrics Online Survey

Introduction and Informed Consent

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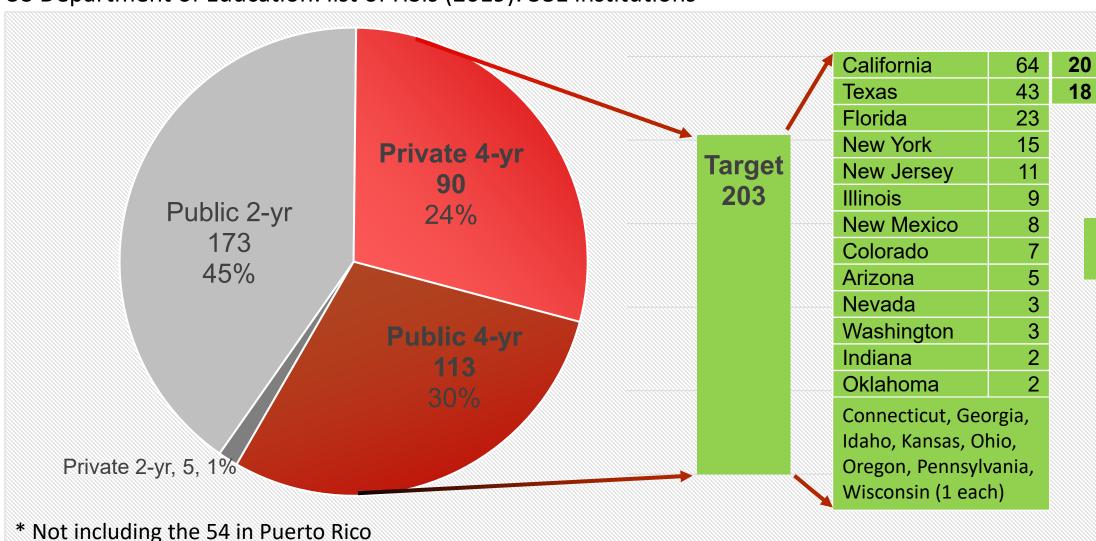
- 3. The role/s of Spanish at your institution
- 5. Spanish services
- 7-23. Spanish in the Linguistic Landscape
- 25-26. Spoken Spanish
- 28. LL Policies
- 30. Comments for 28-29

- 2. Institution demographics
- 4. Attitudes toward Spanish
- 6. Comments for 3-5
- 24. Comments for 7-23
- 27. Spanish documents
- 29. Satisfaction
- 31. Request for sharing results



Method and Design

US Department of Education: list of HSIs (2019): 381 institutions *



134

Troyer 2022-23 Survey of HSIs



2019

Total US 4-year institutions: 2,344

HSIs: 203 (8%)

4-year HSIs: 203

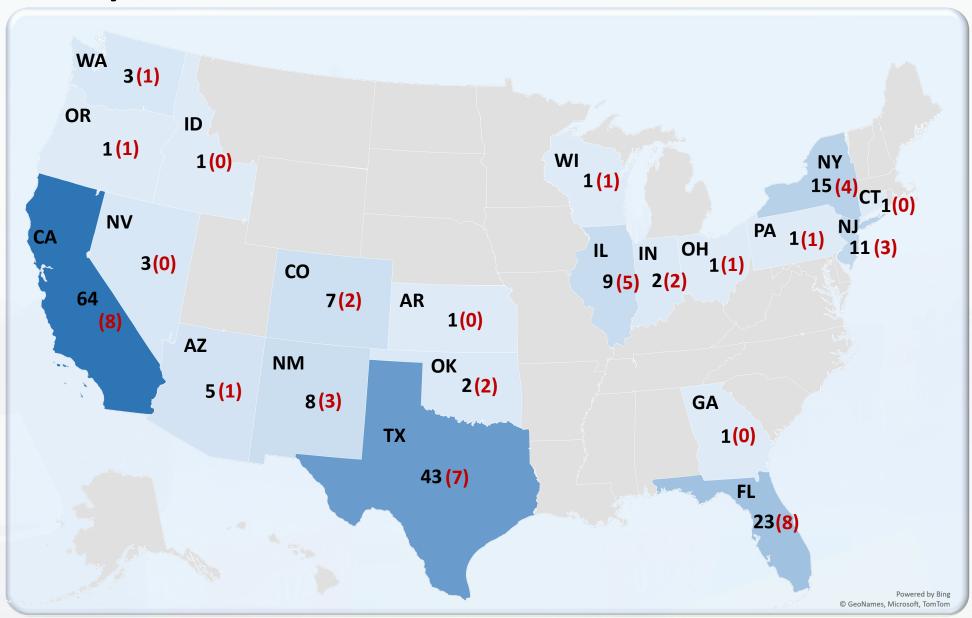
responses: **50** (25%)

Breakdown

CA, TX, FL HSIs: 129 responses: **23** (18%)

All other states: 74

responses: 27 (36%)







Results

https://wou.edu/linguistic-landscape/ll-of-hsis-results/