

Daniel James Villarreal

Assistant Professor of Linguistics

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Department of Linguistics
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EDUCATION

University of California, Davis, Davis, CA

Ph.D., Linguistics, June 2016

Dissertation: *The construction of social meaning: A matched-guise investigation of the California Vowel Shift*

Committee: Robert Bayley (major advisor), Vaidehi Ramanathan,
Valerie Fridland, Santiago Barreda

University of California, Davis, Davis, CA

M.A., Linguistics, June 2012

Thesis: *Connecting production to judgments: Spanish learners, the metapragmatics of T/V, and L2 social identity*

Committee: Robert Bayley (major advisor), Vaidehi Ramanathan, Cecilia Colombi

The College of William & Mary, Williamsburg, VA

B.A., Linguistics & Mathematics, May 2010

Honors Thesis: *Closing the communication gap between undergraduates and mathematics professors* [Highest Honors]

Thesis advisor: Anne Charity Hudley

Summa cum laude, Phi Beta Kappa

Linguistic Society of America Linguistic Institute, Berkeley, CA (2009); Boulder, CO (2011)

ACADEMIC POSITIONS

2020– present	Assistant Professor: Department of Linguistics, University of Pittsburgh
2017–2019	Postdoctoral Fellow: New Zealand Institute of Language, Brain and Behaviour, University of Canterbury
2016–2017	Postdoctoral Fellow: Department of English, University of Nevada, Reno
2010	Adjunct Instructor: Department of Mathematics, Delaware Technical and Community College

RESEARCH

PUBLICATIONS IN PROGRESS

under review **Villarreal, Dan.** Sociolinguistic auto-coding has fairness problems too: Measuring and mitigating bias. Under review for *Linguistics Vanguard*

Villarreal, Dan, and Lauren Collister. Open Methods: Decolonizing (or not) research methods in linguistics. Under external review for *Decolonizing linguistics*, ed. by Anne H. Charity Hudley, Christine Mallinson, and Mary Bucholtz. Oxford: Oxford University Press.¹

Charity Hudley, Anne H., **Dan Villarreal**, and Aris Clemons. (Socio)linguistics—what is it good for? A case for liberatory linguistics. Under review for *Needed research in North American dialects* (Publications of the American Dialect Society 108), ed. by Erica J. Benson and Robert Bayley. Durham, NC: Duke University Press.²

PEER-REVIEWED PUBLICATIONS

to appear Charity Hudley, Anne H., Aris Clemons, and **Dan Villarreal**. Language across the disciplines. Accepted for publication in *Annual Review of Linguistics* in 2023.²

2022 **Villarreal, Dan,** and Lynn Clark. Intraspeaker priming across the New Zealand English short front vowel shift. *Language and Speech* 65(3).713–739. doi:10.1177/00238309211053033

2021 **Villarreal, Dan,** Lynn Clark, Jennifer Hay, and Kevin Watson. Gender separation and the speech community: Rhoticity in early 20th century Southland NZ English. *Language Variation and Change* 33(2).245–266. doi:10.1017/S0954394521000090

Villarreal, Dan, and Mary Kohn. Local meanings for supra-local change: Perceptions of TRAP backing in Kansas. *American Speech* 95(1).45–77. doi:10.1215/00031283/8186897

2020 **Villarreal, Dan,** Lynn Clark, Jennifer Hay, and Kevin Watson. 2020. From categories to gradience: Auto-coding sociophonetic variation with random forests. *Laboratory Phonology* 11(6).1–31. doi:10.5334/labphon.216

¹ This is an externally peer-reviewed chapter in a larger edited collection; chapter proposals had to be submitted to and accepted by collection editors.

² The editors invited Anne H. Charity Hudley to submit this paper, and she invited junior co-authors.

- Holliday, Nicole, and **Dan Villarreal**. Intonational variation and incrementality in listener judgments of ethnicity. *Laboratory Phonology* 11(1).1–21. doi:10.5334/labphon.229
- 2018 **Villarreal, Dan**. The construction of social meaning: A matched-guise investigation of the California Vowel Shift. *Journal of English Linguistics* 46.52–78. doi:10.1177/0075424217753520
- 2014 **Villarreal, Dan**. Connecting production to judgments: T/V address forms and the L2 identities of intermediate Spanish learners. *Journal of Pragmatics* 66.1–14. doi:10.1016/j.pragma.2014.02.005
- 2013 **Villarreal, Dan**. 2012–2013. Closing the communication gap between undergraduates and international faculty. *CATESOL Journal* 24.8–28.

OPEN RESEARCH TOOLS

- in prep **Villarreal, Dan**. Unfairness measurement and mitigation tools for sociolinguistic auto-coding
- 2022 Collister, Lauren, and **Dan Villarreal**. Spectrum of Open Methods. doi:10.5281/zenodo.6546894
- 2019 **Villarreal, Dan**, Lynn Clark, Jennifer Hay, Kevin Watson. How to Train Your Classifier. https://nzilbb.github.io/How-to-Train-Your-Classifier/How_to_Train_Your_Classifier.html

PUBLICATIONS IN EDITED VOLUMES

- 2019 Bayley, Robert, and **Dan Villarreal**. Consonant cluster simplification. *Mexican American English: Substrate influence and the birth of an ethnolect*, ed. by Erik R. Thomas, 198–214. Cambridge: Cambridge University Press.
- 2018 Bayley, Robert and **Dan Villarreal**. Cultural attitudes toward language variation and dialects. *The TESOL encyclopedia of English language teaching*, ed. by John Lontas, 3508–14. Malden, MA: Wiley. doi:10.1002/9781118784235.eelt0297
- 2016 **Villarreal, Dan**. Do I sound like a Valley Girl to you? Perceptual dialectology and language attitudes in California. *Speech in the Western States, vol. 1* (Publications of the American Dialect Society 101), ed. by Valerie Fridland, Betsy Evans, Tyler Kendall and Alicia Wassink, 55–75. Durham, NC: Duke University Press. doi:10.1215/00031283-3772901

PUBLICATIONS IN CONFERENCE PROCEEDINGS

- 2019 **Villarreal, Dan**, Lynn Clark, and Jennifer Hay. Modelling gradience in English /r/ via statistical classification. *Proceedings of the 19th International Congress of the Phonetic Sciences* (Melbourne, August 5–9) 1893–1897.
https://assta.org/proceedings/ICPhS2019/papers/ICPhS_1942.pdf
- 2018 Holliday, Nicole R., and **Dan Villarreal**. How black does Obama sound now? Testing listener judgments of intonation in incrementally manipulated speech. *Penn Working Papers in Linguistics* 24.2.8 (Selected Papers from NWAV 46).
<https://repository.upenn.edu/pwpl/vol24/iss2/8>

Invited but declined

- Invited **Villarreal, Dan**. Overlearning speaker gender in sociolinguistic auto-coding:
2021 Metrics and remedies. Invited for *Penn Working Papers in Linguistics* 27.2 (Selected Papers from NWAV 49); declined due to *Linguistics Vanguard's* simultaneous publication policy

BOOK REVIEWS

- 2013 **Villarreal, Dan**. Review of *Introducing multilingualism: A social approach*, by Weber, J.-J., & Horner, K. (2012). *Journal of Language, Identity & Education* 12(3).203–6. doi:10.1080/15348458.2013.813301

ORGANIZED SESSIONS

- 2022 **Villarreal, Dan**, Anne Charity Hudley, and Aris Moreno Clemons. What is language as 'faculty of mind'? Virtual event. February 7.
- Clemons, Aris Moreno, Anne Charity Hudley, and **Dan Villarreal**. What is the social in sociolinguistics? Virtual event. January 26.
- Charity Hudley, Anne, **Dan Villarreal**, and Aris Moreno Clemons. What (exactly) is linguistics? Virtual event. January 10.

CONFERENCE PRESENTATIONS

- 2022 **Villarreal, Dan**. Overlearning speaker gender in sociolinguistic auto-coding: Metrics and remedies. Penn Linguistics Conference, virtual conference. Invited for special panel "Sociophonetics and human-computer interactions". March 18–20.

- 2021 **Villarreal, Dan.** Overlearning speaker gender in sociolinguistic auto-coding: Metrics and remedies. *New Ways of Analyzing Variation* 49, virtual conference. Poster session. October 19–24.
- 2019 **Villarreal, Dan,** Lynn Clark, Jennifer Hay, and Kevin Watson. The Short Front Vowel Shift in Southland English. *Linguistic Society of New Zealand*, Christchurch. November 28–29.
- Villarreal, Dan,** Viktória Papp, Lynn Clark, Jennifer Hay, and Kevin Watson. Telling a new story with old data: Random-forest classification of non-prevocalic (r) in Southland New Zealand English. *Variation and Language Processing* 4, Sydney. January 23–25.
- 2018 **Villarreal, Dan,** Lynn Clark, Jennifer Hay, and Kevin Watson. Directions of change in Southland English (r): Phonological and grammatical constraints. *Linguistic Society of New Zealand*, Wellington. November 15–16.
- Villarreal, Dan,** and Mary Kohn. Local meanings for supra-local change: A perception study of TRAP backing in Kansas. *Sociolinguistics Symposium* 22, Auckland. June 27–30.
- Clark, Lynn, and **Dan Villarreal.** Intraspeaker phonological priming in sociolinguistic variation. *Sociolinguistics Symposium* 22, Auckland. June 27–30.
- Holliday, Nicole, and **Dan Villarreal.** How black does Obama sound now? Incrementality in listener perception of intonational variation. *Sociolinguistics Symposium* 22, Auckland. June 27–30.
- 2017 **Villarreal, Dan,** Mary Kohn, and Tiffany Hattesohl. Local meanings for supra-local change: A perception study of TRAP backing in Kansas. *Australian Linguistic Society*, Sydney. December 4–7.
- Clark, Lynn, and **Dan Villarreal.** Phonological priming in consonants and vowels. *Linguistic Society of New Zealand*, Auckland. November 23–24.
- Holliday, Nicole, and **Dan Villarreal.** How black does Obama sound now? Testing listener judgments of intonation in incrementally manipulated speech. *New Ways of Analyzing Variation* 46, Madison, WI. November 2–5.
- Villarreal, Dan,** Mary Kohn, and Tiffany Hattesohl. Local meanings for supra-local change: A perception study of TRAP backing in Kansas. *New Ways of Analyzing Variation* 46, Madison, WI. November 2–5.
- Villarreal, Dan.** The stylistic status of the California Vowel Shift: A production study. *American Dialect Society*, Austin. Poster session. January 5–8.

- 2016 **Villarreal, Dan.** C[ɑ]lifornia perceivin': A matched-guise study of the California Vowel Shift. Linguistic Society of America, Washington, DC. January 7–10.
- 2015 **Villarreal, Dan.** Wh[u] is a V[ɑ]lley girl? Assessing dialect recognition with resynthesized matched guises. *New Ways of Analyzing Variation* 44, Toronto. October 22–25.
- Bayley, Robert, and **Dan Villarreal.** Deep in the Hear(t) of Texas: Coronal Stop Deletion in a Rural South Texas Community. *New Ways of Analyzing Variation* 44, Toronto. October 22–25.
- Villarreal, Dan,** and Ariel Loring. Teaching World Englishes to undergraduates: Tensions and pedagogical insights. American Dialect Society, Portland. January 8–11.
- 2014 Evans, Katherine, **Dan Villarreal,** and Ariel Loring. Teaching World Englishes to undergraduates: Tensions and pedagogical insights. TESOL International Convention, Portland. March 26–29.
- Villarreal, Dan,** Ariel Loring, and Katherine Evans. Teaching World Englishes to undergraduates: Tensions and pedagogical insights. American Association for Applied Linguistics, Portland. Roundtable. March 22–25.
- Villarreal, Dan.** Do I sound like a Valley Girl to you? Perceptual dialectology and language attitudes in California. American Dialect Society, Minneapolis. Poster session. January 2–5.
- 2013 **Villarreal, Dan.** Connecting production to judgments: Spanish learners, the metapragmatics of address forms, and L2 social identity. American Association for Applied Linguistics, Dallas. March 16–19.
- Villarreal, Dan** and Grant Eckstein. LDS scripture-speech: Religious practice and sociophonetic variation. American Dialect Society, Boston. January 3–6.
- 2012 **Villarreal, Dan.** Closing the communication gap between undergraduates and international faculty. CATESOL [California Teachers of English to Speakers of Other Languages] State Conference, Oakland. In conjunction with winning Graduate Student Research Contest. April 12–15.
- 2011 **Villarreal, Dan.** Closing the communication gap between undergraduates and international professors. CATESOL State Conference, Long Beach, CA. Poster session. April 7–10.
- 2010 **Villarreal, Dan.** Closing the communication gap between undergraduates and international professors. CATESOL Northern Regional Conference, Monterey, CA. Poster session. November 13.

INVITED TALKS

- 2022 Open Methods: Decolonizing (or not) research methods in linguistics. Department of Linguistics, University of Michigan. November 4.
- Sociolinguistic auto-coding has fairness problems too: Measuring and mitigating bias. Department of Linguistics, Languages, and Cultures, Michigan State University. November 3.
- Computational methods + sociolinguistic perspectives: Making the case for computational sociolinguistics. Department of English, University of Tennessee. March 8.
- Overlearning speaker gender in sociolinguistic auto-coding: Metrics and remedies. Department of Computer Science, University of Pittsburgh. February 4.
- 2020 Computational methods + sociolinguistic perspectives: Making the case for computational sociolinguistics. Department of Linguistics, University of Pittsburgh. February 11.
- 2019 Phonetic detail and sociolinguistic variation: Three studies of New Zealand English. Department of Linguistics, UC Davis. February 13.
- The construction of social meaning: A matched-guise investigation of the California Vowel Shift. Department of English, San Francisco State University. February 11.
- Telling a new story with old data: Random-forest classification of non-prevocalic (r) in Southland New Zealand English. ARC Centre of Excellence for the Dynamics of Language, the Australian National University. January 21.
- 2018 Adventures in building the Southland corpus: Working with old data, creating data layers, transcription quality control. New Zealand Institute of Language, Brain, and Behaviour, University of Canterbury. September 25.
- Phonetic gradience in sociolinguistic cognition. Department of Linguistics and Cognitive Science, University of Delaware. March 19.
- 2017 The construction of social meaning: A matched-guise investigation of the California Vowel Shift. Department of Linguistics and Language Development, San José State University. February 7.
- The stylistic status of the California Vowel Shift: A production study. Department of Linguistics, University of California, Davis. January 12.
- 2016 C[ɑ]lifornia perceivin': A matched-guise study of the California Vowel Shift. Linguistics Club, University of Nevada, Reno. April 12.

- 2015 C[α]lifornia perceivin': A matched-guise study of the California Vowel Shift. Department of Linguistics, Fresno State University. September 10.
- 2014 Do I sound like a Valley Girl to you? Perceptual dialectology and language attitudes in California. Department of Linguistics, Stanford University. February 26.

OPEN TEACHING TOOLS

- 2022 Errata for *Statistics for Linguists: An Introduction Using R*, Bodo Winter, 2019, Routledge. <https://djvill.github.io/Winter-2019-Errata/Winter-2019-Errata.html>

HONORS AND AWARDS

University of Pittsburgh

- **Pitt Year of Data and Society Grant:** Support for "Careers in language data: How to prepare our language students for the data-focused job future". December 2021–April 2022. \$3,950.
- **Pitt Momentum Funds Seeding Grant:** Support for project “Overlearning speaker race in sociolinguistic auto-coding”. April 2021–August 2022. \$9,375.

University of California, Davis

- **Graduate Scholars Fellowship:** Competitive internal stipend for first year of PhD study. September 2010–August 2011. \$25,000.
- **American Dialect Society Presidential Honorary Membership:** Awarded four-year complimentary membership for promise in the field of dialectology (one of three annual awardees). January 2014–December 2017. \$100 equivalent.
- **Teaching Assistant Consultant Fellowship:** Fellowship for participation in UCD Center for Excellence in Teaching and Learning program to assist in graduate student instructor development. March 2015–March 2016. \$4500.
- **Professors for the Future Fellowship:** Fellowship for participation in UCD Graduate Studies program, awarded for proposal to design and implement “Finding Your Voice: Helping ITAs and Students Overcome the Communication Gap” program. September 2013–June 2014. \$3000.
- **Dean’s Prize for Best Oral Presentation:** Award for best Social Sciences presentation (“Closing the communication gap between undergraduates and international professors”) at UCD Interdisciplinary Graduate and Professional Student Symposium. April 2011. \$1000.
- **Graduate Student Research Contest:** Award for outstanding graduate student submission to *CATESOL Journal* (one of one annual awardees). April 2012.

TEACHING

TEACHING EXPERIENCE

University of Pittsburgh (August 2020–present)

Graduate courses in **bold**; combined undergraduate/graduate courses in *italics*

- Linguistic Variation and Change (Fall 2020, Fall 2021, Fall 2022)
- *Statistics for Research in Linguistics* (Spring 2021, Spring 2022)
- Aspects of Sociolinguistics (Spring 2021, Spring 2022)
- **Data Science for Linguists with R** (Fall 2021, Fall 2022)

Prior to University of Pittsburgh (primary instructor unless otherwise noted)

University of Nevada, Reno

- Principles of Modern Grammar (Fall 2016; Spring 2017)
- Linguistics (Fall 2016)
- Global English and Communication (Spring 2017)

University of California, Davis

- Global English and Communication (Summer 2014; Fall 2014)

University of California, Davis (teaching assistant)

- Global English and Communication (Spring 2013; Fall 2013)
- Introduction to Linguistics (Spring 2012; Spring 2015; Fall 2015)
- Introduction to Linguistics Hybrid (Winter 2016)
- Language and Society (Fall 2011; Winter 2012; Winter 2013; Winter 2014)
- American Voices (Fall 2012; Spring 2014)

Delaware Technical and Community College

- Business Statistics II (Summer 2010)

GUEST LECTURES

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| 2021 | “Data visualization in R.” Virginia Tech; Research in the Language Sciences. March 29. |
| 2017 | “Language maintenance and shift.” San José State University; Sociolinguistics: Cross-Cultural Communication. February 7. |
| 2016 | “Language attitudes.” University of Nevada, Reno; Sociolinguistics. November 28. |
| 2015 | “Research is hard. But research is also really rewarding so you should do it anyway.” Fresno State University; Sociolinguistics. September 10. |

“International teaching assistants.” University of California, Davis; Global English and Communication. April 22.

- 2014 "Do I sound like a Valley Girl to you? Perceptual dialectology & language attitudes in California." California State University Fullerton; Changing Words: History, Semantics, and Translation. May 1

GRADUATE MENTORSHIP

ADVISING

University of Canterbury

Masters of Linguistics

- Merten Wiltshire (co-advised with Jen Hay), *Experiences and expectations in the perception of speech*. Graduated September 2019.

COMMITTEES

University of Pittsburgh

PhD dissertation committees

- Joe Patrick (University of Pittsburgh), Constructing Montenegrin identity(ies) through language ideology and semiotic differentiation. August 2022–present.
- Angela Krak (University of Pittsburgh), Cross-dialectal phonetic variation and lexical encoding: Evidence from /s/ perception in Seville capital. April 2022–present.

PhD comprehensive paper committees

- Joe Patrick, PhD comprehensive paper 2, *Multilingual Wikipedia domains as ground for dialect variation in Serbian and Croatian*. April–June 2022.
- Dominique Branson, PhD comprehensive paper 2, *'Why isn't our word enough?': Situating raciolinguistics and critical discourse analysis for understanding Black girls' racialization in school*. April–November 2021.

Other

- Alexis Brown, Humanities Engage Curricular Development grant. Supervised development of new collections-based module in Linguistic Variation and Change course; provided mentorship on teaching skills and techniques

PROFESSIONAL SERVICE

DEPARTMENTAL AND UNIVERSITY SERVICE

University of Pittsburgh

- **Careers in language data: How to prepare our language students for the data-focused job future [organizing committee]:** Hosted symposium on career opportunities in the tech industry for linguistics students, in conjunction with Pitt's Year of Data and Society. December 2021–April 2022. <https://www.linguistics.pitt.edu/event/careers-language-data-symposium>
- **Computational Linguistics joint degree program committee:** Worked with faculty and leadership from Linguistics, Computer Science, and Arts & Sciences to design a joint certificate program in Computational Linguistics. August 2020–present.

University of California, Davis

- **Committee on Courses of Instruction:** Graduate Student Association representative on Faculty Senate committee charged with approving new/revised course proposals and program/policy changes affecting instruction. April 2012–March 2016.
- **Teaching Assistant Consultants:** Participated in Center for Excellence in Teaching and Learning program to learn about effective instruction, lead peer consultations to help graduate students improve their teaching, and facilitate Teaching Assistant Orientation and other workshops for graduate students. March 2015–March 2016.
- **Professors for the Future:** Participated in Graduate Studies program to learn about professional development, take a seminar on college teaching, and conduct a workshop series to facilitate cross-cultural communication between international graduate student instructors and undergraduate students. September 2013–June 2014.
- **Linguistics Graduate Student Association:** Led a committee of Linguistics graduate students to formally organize a representative group, including passing a formal set of governing guidelines; served as Facilitator to coordinate activities of the Linguistics Graduate Student Association and be a mentor to first-year graduate students; served as Executive Committee Representative to represent interests of Linguistics graduate students to Linguistics faculty. March 2012–September 2015.
- **Graduate Student Association:** Served as Linguistics department representative to university-wide GSA. September 2010–June 2012.
- **International Graduate Student Orientation:** Led “Communicating across Language and Cultural Differences” workshops for new international graduate students. September 2014
- **Graduate Research Advocacy Day:** Met with California state legislative staffs regarding the importance of graduate research to the University of California. June 2013

SERVICE TO THE PROFESSION

Committee service

- Linguistic Society of America Committee on Scholarly Communication in Linguistics. 2021–present.

Grant proposal review

- National Science Foundation (US). 2021.
- Deutsche Forschungsgemeinschaft (German Research Foundation). 2021.

Journal article review

- *TESOL Quarterly*. 2012.
- *Journal of English Linguistics*. 2019.
- *Socius*. 2020.

Conference abstract review

- Linguistic Society of America. 2019, 2020, 2021.
- American Dialect Society. 2015.
- New Ways of Analyzing Variation. 2018, 2019.

Thesis examination

- Masters of Research in Linguistics, Macquarie University. 2020.

PRESS

- 2019 “The Southland accent - a rolling change”. Radio New Zealand, May 23.
<https://www.rnz.co.nz/national/programmes/ourchangingworld/audio/2018696216/the-southland-accent-a-rolling-change> [N.B. This story was the #1 most popular article on Radio New Zealand for 5 straight days]

SKILLS

- **Computer skills:** R, Praat, git, Python, LaTeX
- **Language skills:** Spanish (reading/listening, moderate speaking/writing)

PROFESSIONAL SOCIETY MEMBERSHIPS

- **Linguistic Society of America**, 2010–present (lifetime member as of 2020)
- **American Dialect Society**, 2012–present
- **Linguistic Society of New Zealand**, 2017–2019

REFERENCES

Jennifer Hay, Professor of Linguistics
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