

MEGHAN SUMNER

Linguistics Department
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EDUCATION

2003 Ph.D., Linguistics, Stony Brook University, NY, USA
Dissertation: Testing the abstractness of phonological representations in Modern Hebrew weak verbs
Committee: Ellen Broselow (Advisor), Robert Hoberman, Christina Bethin, Arthur Samuel
1996 B.A., Anthropology, University at Albany, NY, USA

EXPERIENCE

2023 – Senior Fellow, The Politics of Inequality Cluster of Excellence, University of Konstanz
“Perceived trustworthiness of and memory for public policy statements and public service announcements across diverse talkers and listeners”
2014 – present Associate Professor with tenure, Dept. of Linguistics, Stanford University
2007 – 2014 Assistant Professor, Dept. of Linguistics, Stanford University
2006 – 2007 Visiting Scholar, Dept. of Linguistics, University of California, Berkeley
2003 – 2006 Postdoctoral Research Fellow, NIH National Research Service Award
“Stimulus variability and perceptual categorization”
Department of Psychology, Stony Brook University, NY, USA
1996 – 1999 Editorial Assistant, *Language: The Journal of the Linguistic Society of America*, Stony Brook University

AWARDS & HONORS

Fellow of the Psychonomic Society
Enhanced Sabbatical Fellowship in the Humanities and Arts, Stanford University, 2023 - 2024
Innovative Teaching & Course Overhaul Award, Stanford University Vice Provost for Undergraduate Education, 2017, \$25,000
Clayman Institute for Gender Research, Faculty Fellow, Stanford University, 2014 – 2015
Hellman Faculty Scholar, Stanford University, 2008 – 2009, \$50,000
Presidential Award for Excellence in Teaching, Stony Brook University, 2001

NEWS COVERAGE AND PUBLIC OUTREACH

How who is talking influences what we hear. *Gender Studies Program at Palo Alto High School*, November, 2022.
Why no one hears what you are really saying, *Fast Company*, March 2019,
<https://www.fastcompany.com/90310436/why-no-one-hears-what-youre-really-saying>
The Social Weight of Spoken Words: What you hear depends on who is talking. *Cloudera*, March 2019.
Taking talkers for granted: What you hear depends on who is talking. *Starkey Technologies*, January 2018.
The Social Weight of Spoken Words: What you hear depends on who is talking. *Palo Alto Rotary Club*, May 2017.
What are gender barriers made of? *Freakonomics radio broadcast*, July 2016,
<http://freakonomics.com/podcast/gender-barriers/>
How unconscious bias is affecting our ability to listen, *Fast Company*, July, 2016,

<http://www.fastcompany.com/3063218/how-unconscious-bias-is-affecting-our-ability-to-listen>
How people talk affects how well you listen (<https://gardenofthemind.com/2014/02/07/how-people-talk-affects-how-well-you-listen/>)

SCIENTIFIC FUNDING

National Science Foundation, 96551: Doctoral Dissertation Research Improvement Grant: Socially-guided allocation of attention and the memory encoding of spoken language, M. Sumner (PI), Will Clapp (Co-PI), \$18,528.

Madigan Brodsky, *Junior*, Effects of speaker variation in courtroom dynamics, Small Grant, Stanford Vice Provost for Undergraduate Education. M. Sumner, Faculty Sponsor. 2023 – 2024.

Nora Dee, *Freshman*, Measuring Bottom-Up Interference in a Lexical Category Search, Small Grant, Stanford Vice Provost for Undergraduate Education. M. Sumner, Faculty Sponsor. 2023 – 2024.

Nicholas Harvey, *Freshman*, Effects of accent on perceived reliability of Oral History Interviews, Small Grant, Stanford Vice Provost for Undergraduate Education. M. Sumner, Faculty Sponsor. 2023 – 2024.

Grace Wong, *Freshman*, Perception and Categorization of Southern Mandarin Varieties, Small Grant, Stanford Vice Provost for Undergraduate Education. M. Sumner, Faculty Sponsor. 2023 – 2024.

Institute for Humane Studies, IHS017195: Social influences on memory for public service announcements across diverse talkers and listeners, 2023 - 2024, M. Sumner (PI).

National Institutes of Health, 1R21 DC017950-01A1: Speaker-listener coupling and brain dynamics during naturalistic verbal communication in children with autism, M. Sumner (Co-Investigator) D. Abrams (Co-Investigator) and Vinod Menon (PI), 2020 – 2022, \$826,906.

National Science Foundation Grant 1226963: Understanding spoken words: Effects of phonetics, phonological variation, and speech style in speech perception, 2012 – 2018, M. Sumner (PI), 399,814.

National Science Foundation, Grant 0642914: The learning and generalization of non-native contrastive cues, 2007 – 2011, M. Sumner (PI), 387,000.

NIH National Research Service Award, Grant 5F32MH06820402: Stimulus variability and perceptual categorization, 2003 – 2006, M. Sumner (PI), \$195,000.

OSF REGISTRATION

Data, analysis scripts, and stimuli for Clapp, Vaughn, and Sumner (2023) available in OSF Registries at [10.17605/OSF.IO/5E7VG](https://osf.io/5E7VG).

EDITED VOLUME

Grieve, J., Hovy, D., Jurgens, D., Nguyen, D., Stanford, J., Sumner, M., and Tatman, R. (Eds.) (2021). *Frontiers Research Topics in Linguistics: Computational Sociolinguistics*.

PAPERS IN PREP

Clapp, W., Kim, and Sumner, M. Form- and meaning-based competitor activation depends on speech rate: Evidence from the visual world paradigm.

Hernandez, A., and Sumner, M. How implicit bias impacts Cuban Americans and what we can do about it.

- Moores, N., Frank, M., McGowan, K., and Sumner, M. Children use socio-phonetic cues to talker gender to disambiguate like-objects in speech processing.
- Sumner, M, Levy, Z, and Clough, J. Talker effects in voice-based hiring decisions using real-time group decision making using human-centered AI: Group dynamics increase bias.
- Tan, Y. L., Lin, T., and Sumner, M. Gradient categorizations of dialectal variability: A perceptually-guided approach to categorizing Singlish.

REFEREED PUBLICATIONS

- Clapp, W., Vaughn, C., and Sumner, M. (under review). Asymmetries in the episodic encoding of individual talkers' voices. *Psychonomic Bulletin & Review*.
- Young, C.B., Smith, C., Karjadi, C., Ang, T. F. A., Insel, P. S., Henderson, V. W., Sumner, M., Poston, K., L., Au, R., and Mormino, E. C. (under review). Speech patterns during memory recall relates to early tau burden across adulthood. *JAMA Network Open*.
- Clapp, W., Sumner, M., Todd, S., and Vaughn, C. (2023). Talker versus token repetition in recognition memory. *Cognition*, 237.
- Clapp, W., Vaughn, C., and Sumner, M. (2023). The episodic encoding of voice attributes across diverse talkers. *Journal of Memory and Language Special Issue: Replicating Influential Findings in Memory and Language*, 128, 1 - 36.
- Hernandez, A., and Sumner, M. (2022). Recognizing spoken words across Latino varieties of English. *Proceedings of the 44th Annual Conference of the Cognitive Science Society*, Toronto, Canada.
- Sumner, M. and Kim, SK. (2022). Some thoughts on the phonetics-psycholinguistics interface. In J. Setter & R.-A. Knight (Eds), *The Cambridge Handbook of Phonetics*, Cambridge: Cambridge University Press.
- Kim, SK., and Sumner, M. (2017). The effect of emotional prosody on spoken word recognition. *Journal of the Acoustical Society of America*, 142, EL49 – EL55.
- Voigt, R., Jurafsky, D. and Sumner, M. (2016). Between- and Within-Speaker Effects of Bilingualism on F0 Variation. *Proc. Interspeech San Francisco*, 1122 – 1126.
- Sumner, M. (2015). The social weight of spoken words. *Trends in Cognitive Sciences*, 19, 238-239.
- Kim, SK., and Sumner, M. (2015). Effects of emotional prosody on semantic priming. *Proceedings of the 37th Annual Conference of the Cognitive Science Society*, 1099 – 1104.
- King, E., and Sumner, M. (2015). Voice-specific effects in semantic association. *Proceedings of the 37th Annual Conference of the Cognitive Science Society*, 1111 – 1116.
- King, S., and Sumner, M. (2014). Voices and variants: Effects of voice on the form-based processing of words with different phonological variants. *Proceedings of the 36th Annual Conference of the Cognitive Science Society*, 2913 – 2918.
- Sumner, M., Kim, S. K., King, E., and McGowan, K. (2014). The socially-weighted encoding of spoken words: A dual-route approach to speech perception. *Frontiers in Psychology*, 4, 1 – 13.
- Sumner, M., and Kataoka, R. (2013). Effects of phonetically-cued talker variation on semantic encoding. *Journal of the Acoustical Society of America*, 134, EL485 – EL491.
- Sumner, M. (2013). A phonetic explanation of phonological variant effects. *Journal of the Acoustical Society of America*, 134, EL26 – EL32.
- Moon, K., and Sumner, M. (2013). The learning and generalization of contrasts consistent or inconsistent with native biases. *Proceedings of the 14th Annual Conference of the International Speech Communication Association*, 211 – 216.
- Sumner, M., Kurumada, C., Gafter, R., and Casillas, M. (2013). Phonetic variation and the recognition of words with pronunciation variants. *Proceedings of the Annual Meeting of the 35th Annual Conference of the Cognitive Science Society*, 104 – 109.
- Samuel, A. G., and Sumner, M. (2012). Current directions in research on spoken word recognition. In M. Spivey, M. Joanisse, and K. McRae (Eds.), *The Cambridge Handbook of Psycholinguistics*. New

- York: Cambridge University Press.
- Sumner, M. (2011). The role of variation in the perception of accented speech. *Cognition*, 119, 131 – 136.
- de Marneffe, M–C., Tomlinson, J., Tice, M., and Sumner, M. (2011). The interaction of lexical frequency and phonetic variability in the perception of accented speech. *Proceedings of the 33rd Annual Conference of the Cognitive Science Society*, 461 – 467.
- Sumner, M., and Samuel, A. G. (2009). The effect of experience on the perception and representation of dialect variants. *Journal of Memory and Language*, 60, 487 – 501.
- Sumner, M. (2009). The learning and generalization of novel contrastive cues. *Proceedings of the 10th Annual Conference of the International Speech Communication Association*, 412 – 418.
- Sumner, M., and Samuel, A. G. (2007). Lexical inhibition and sub-lexical facilitation are surprisingly long lasting. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 33, 769 – 790.
- Sumner, M., and Samuel, A. G. (2005). Perception and representation of regular variation: The case of final /t/. *Journal of Memory and Language*, 52, 322 – 338.
- Sumner, M. (2003). A psycholinguistic approach to abstractness: The case of Hebrew. In Arunachalam et al. (eds.), *Penn Working Papers in Linguistics*, v. 8.1. Philadelphia: Penn Linguistics Club, 150 – 159.
- Sumner, M. (2002). The reality of abstract representations in Modern Hebrew. In L. Mikkelsen and C. Potts (eds.), *Proceedings of the West Coast Conference on Formal Linguistics*, vol. 21. Somerville, MA: Cascadilla Press, 429 – 442.
- Sumner, M. (1999). Compensatory lengthening as coalescence: Analysis and implications. In A. Barss et al. (eds.), *Proceedings of the West Coast Conference on Formal Linguistics*, vol. 18. Somerville, MD: Cascadilla Press, 532 – 544.
- Sumner, M. (1999). Are you there? Self-interruption and the restructuring of conversation. In Verschueren (ed.), *Pragmatics in 1998: Selected papers from the 6th International Pragmatics Conference*, vol. 2. Antwerp: International Pragmatics Association, 536 – 546.

INVITED TALKS

- What listener behaviors to talker variation can tell us about theory and society. Department of Linguistics, University of Oregon, November 14, 2023.
- Why we should care that talker information is used by listeners. Department of Linguistics, University of British Columbia, January 26, 2023.
- Intersections of language variation and experimental linguistics. Lund University, Centre for Languages and Literature, November 11, 2021. [Offer declined]
- Talker voice and social stereotypes. Exploring the interface between linguistic processing and talker recognition Session at the Annual Meeting of the Acoustical Society of America, Louisville, KY, May 2019.
- Usage-based models and understanding human behavior. University of Santa Cruz Colloquium, Department of Linguistics, May 18, 2018.
- Taking Talkers for Granted: Individual and group effects in the recognition of and memory for spoken words, Stanford Language and Cognition Workshop, January 18, 2018.
- Taking Talkers for Granted: The effect of social information on spoken word recognition and memory for spoken words. Starkey Hearing Technologies, January 24, 2018.
- The processes and representations that underlie the recognition of spoken words. Invited speaker at the Sociolinguistic Cognition Workshop at the Linguistic Society of America Annual Meeting, January 4 – 8, 2018.
- What do we perceive when we perceive speech? Considering some foundational issues through a different lens. Plenary Talk to be given at 15th Annual Meeting of the Association for Laboratory Phonology. Cornell University, July 13 – 16, 2016.
- Voices and variation: What we can learn about processing and representations by investigating spoken word recognition and memory. Plenary Talk at the Sociolinguistic Variation and Language Processing,

- Virginia Tech, March 31, 2016.
- The benefit of *idealized* word pronunciations: How are forms we rarely hear, understood so easily? Plenary talk at the 42nd Annual Meeting of the Berkeley Linguistic Society, Feb. 5, 2016.
- Reconsidering canonical forms and the benefit of clear speech. University of Arizona Colloquium Talk, Tucson, AZ, November 6, 2015.
- Social biases in spoken language understanding. Clayman Institute for Gender Research, Stanford University, March 19, 2015.
- Effects of differently weighting sound- and meaning-based cues in spoken word recognition. Symbolic Systems Forum, Stanford University, March, 9, 2015.
- A phonetic explanation of phonological variant effects in the perception and recognition of spoken words. Department of Linguistics Colloquium, Stony Brook University, April 26, 2013.
- Speaker-specific effects on the recall and recognition of spoken words. Current Issues and Methods in Speaker Adaptation. Workshop Organized by the Department of Linguistics, The Ohio State University, April 6, 2013.
- Effects of indexical variation on the perception and recognition of spoken words within and across accents. Department of Linguistics Colloquium, MIT, April 22, 2012.
- Effects of indexical variation on the perception of phonological variants within and across accents. Department of Linguistics Colloquium, Northwestern University, March 2, 2012.
- The representation paradox and the illusion of phonological variant effects in speech perception. Department of Linguistics Colloquium, UCLA, February, 2012.
- Global Frequency, canonical forms, and the representation paradox. UC Berkeley Phonetics and Phonology Forum, September 26, 2011.
- Global Frequency, canonical forms, and the representation paradox. Basque Center for Cognition, Brain, and Language, September 6, 2011.
- Variation-driven effects in speech perception. Testing models of phonetics and phonology workshop, July 13, Linguistic Society of America Summer Institute.
- The perception and representation of unfamiliar accents. Department of Linguistics Colloquium, University of California, San Diego. May 10, 2010.
- The benefit of variation in the perception of speech. Cognition and Language Workshop: The perceptual bases of communication. Stanford University. March 8, 2010.
- The lack of variance problem in the perception of accented speech. Department of Linguistics Colloquium, University of California, Santa Cruz. October 23, 2009.
- The effect of experience on the perception and representation of dialects. Department of Linguistics Colloquium, Stanford University. February 16, 2007.
- Experience, transparency, and unproductive surface alternations. Phonology Phonetics Phorum, Department of Linguistics, University of California, Berkeley. December 3, 2006.

CONFERENCE TALKS

- Tan, Yin Lin; Lin, T., & Sumner, M. (2023). Pitch variability cues perceptions of Singlish: A perceptually-guided approach to sociophonetic variation. To be presented at NWAV 51, New York.
- Clapp, W., Vaughn, C., and Sumner, M. (2023). Within-group talker variation and memory asymmetries. To be presented at NWAV 51, New York.
- Yi, I., Wong, G., and Sumner, M. (2023). Perception and Categorization of Southern Mandarin Accents. Project Launch to be given at NWAV 51, New York.
- Clapp, W., Kim, S.K. and Sumner, M. (2023). Form- and meaning-based competitors are dependent on speech rates: Evidence from the visual world paradigm. *The 96th Annual Meeting of the Linguistic Society of America*.
- Todd, S. J., Sumner, M., and Shillington, G. (2016). Attention and socio-acoustic salience. Sociolinguistic Variation and Language Processing at Virginia Tech.

- Jeong, S., Todd, S. J., Kao, J., Goodman, N., and Sumner, M. (2015). The Effect of Prosodic Cues and Social Information on the Interpretation of Hyperbole. *Language, Cognition, and Society* (AFLiCo 6).
- McGowan, K.; and Sumner, M. (2015). Putting phonological variants in their phonetic place: Effects of speech style in spoken word recognition. *The 89th Annual Meeting of the Linguistic Society of America*.
- Sumner, M., Calder, J., D’Onofrio, A., McGowan, K., and Pratt, T. (2015). Top-down vs. bottom-up processing depends on the acoustic composition of an utterance. *The 89th Annual Meeting of the Linguistic Society of America*.
- Kim, S.-K., and Sumner, M. (2014). When emotion ties you up: Effects of emotion ambiguity on lexical access. *The 88th Annual Meeting of the Linguistic Society of America*.
- King, S., and Sumner, M. (2014). Voices and variants: Effects of voice and dialect on the perception of words with perceived nonstandard speech patterns. *The 88th Annual Meeting of the Linguistic Society of America*.
- McGowan, K.B. Sumner, M., D’Onofrio, A., and Pratt, T. The contribution of form and meaning to the processing of careful and casual speech. *27th Annual CUNY Conference on Human Sentence Processing*. Columbus, OH
- Sumner, M., and King, E. (2013). Different voices prime different words. *New ways of analyzing variation* 42, Pittsburgh, PA, October 17 – 20.
- Sumner, M., and King, E. (2013). Voice-specific lexicons: Effects of indexical phonetic variation on semantic activation. *The 54th Annual Meeting of the Psychonomic Society*, Toronto, Canada, November 14 – 17.
- Sumner, M., Kataoka, R., & King, E. (2013). Speaker-specific recall of spoken words. *Experimental Approaches to Perception and Production 2013*; Copenhagen, March 20 – 22.
- Sumner, M., & Kataoka, R. (2013). I heard you but didn’t listen: Accent-dependent differences in the encoding of spoken words. *The 87th Annual Meeting of the Linguistic Society of America*, Boston, MA. January 3 – 6.
- Kataoka, R., & Sumner, M. (2013). The prestige effect in the perception of spoken words. *The 87th Annual Meeting of the Linguistic Society of America*, Boston, MA. January 3 – 6.
- Sumner, M., Gafter, R., Kurumada, C., and Tice, M., (2011). Integrating frequency, phonology, and formality in the perception of spoken words. *The 85th Annual Meeting of the Linguistic Society of America*, Pittsburgh, PA. January 6 – 9.
- Sumner, M. (2010). The saliency of canonical forms. *The 84th Annual Meeting of the Linguistic Society of America*, Baltimore, MD. January 7 – 10.
- Gafter, R., Jurafsky, D., and Sumner, M. 2009. Where accommodation to non-native speakers *doesn’t* happen: A corpus study of foreigner directed speech. *The 38th meeting of New Ways of Analyzing Variation*, Ottawa, Canada. October 22 – 25.
- Sumner, M. (2009). The learning and generalization of novel phonetic cues. *Interspeech 2009*, Brighton, U.K. September 6 – 10.
- Sumner, M. (2009). Perceptual learning, bad maps, and the gross category adjustment. *The 83rd Annual Meeting of the Linguistic Society of America*. San Francisco, CA. January 8–11.
- Sumner, M. (2008). Gross category adjustments and perceptual learning. *The 8th Annual Conference of the High Desert Linguistic Society*, Albuquerque, NM. November 6–8.
- Sumner, M., and Samuel, A. (2007). The effect of experience on the perception and representation of dialectal variants. *The 48th Annual Meeting of the Psychonomic Society*. Long Beach, CA. November 15 – 18.
- Sumner, M., and Samuel, A. (2007). Overcoming perceptual bias in the processing of non-native accent. *The 13th Annual Meeting of the Cognitive Science Association for Interdisciplinary Learning*, Hood River, OR. August 2 – 6.
- Sumner, M., and Samuel, A. (2005). Long-term activation of lexical and sub-lexical representations. *The 11th Annual Meeting of the Cognitive Science Association for Interdisciplinary Learning*, Hood

River, OR.

- Sumner, M. (2002). Testing the abstractness of phonological representations in Modern Hebrew. The 2nd Long Island Sounds Conference, New York University, NY. May 8.
- Sumner, M. (2002). The psycholinguistic reality of abstract representations. The 21st West Coast Conference on Formal Linguistics, University of California at Santa Cruz, CA. April 5 – 7.
- Sumner, M. (2002). Transparency, opacity, and the reality of abstract forms in Modern Hebrew. The 38th Annual Meeting of the Chicago Linguistic Society, Chicago, IL. April 25 – 27.
- Sumner, M. (2001). A psycholinguistic approach to abstractness: The case of Hebrew. The 25th Annual Penn Linguistics Colloquium, Philadelphia, PA. March 2 – 3.
- Sumner, M. (2001). Colloquial Slovak and Rural Polish: Do we need derivational levels? The 75th Annual Meeting of the Linguistic Society of America, Washington, DC. January 4 – 7.
- Sumner, M. (2000). Vowels as onsets in Spanish. The 74th Annual Meeting of the Linguistic Society of America, Chicago, IL. January 6 – 10.
- Sumner, M. (1999). Compensatory lengthening as coalescence: Analysis and implications. The 18th West Coast Conference on Formal Linguistics, University of Arizona, Tucson, AZ. April 9 – 11.
- Sumner, M. (1998). Are you there? Self-interruption and the restructuring of conversation. The 6th International Pragmatics Conference, Reims, France. July 19 – 24.

CONFERENCE POSTERS

- Clapp, W., Vaughn, C., and Sumner, M. (2023). Group- and individual-level memory asymmetries for Hindi and English talkers in the continuous recognition paradigm. *The 63rd Annual Meeting of the Psychonomic Society*.
- Hernandez, A. and Sumner, M. (2023). Speeded implicit biases vary across Midwestern and Cuban American listeners depending on perceived accent. *The 63rd Annual Meeting of the Psychonomics Society*.
- Clapp, W., Vaughn, C., and Sumner, M. (2022). The same-voice ceiling: Reframing the interpretation of classic talker-specificity effects. *The 62nd Annual Meeting of the Psychonomics Society*.
- Clapp, W., Vaughn, C., Todd, S., and Sumner, M. (2022). Talker vs. Token Repetition in Recognition Memory. *Laboratory Phonology 18*.
- Hernandez, A., and Sumner, M. (2022). Beyond regional and foreign accents: What Latino varieties of English can tell us about experience and familiarity in spoken word recognition. *The 44th Annual Conference of the Cognitive Science Society*, Toronto, Canada.
- Mengesha, Z., Todd, S. J., and Sumner, M. (2019). Attention, race, and asymmetrical memory effects in the DRM paradigm. *The 2019 Annual Meeting of the Linguistic Society of America*, New York, NY, USA.
- Kim, S. K., and Sumner, M. (2015). Competition among words and emotional prosody. *The 89th Annual Meeting of the Linguistic Society of America*, Portland, OR.
- Kim, S. K., and Sumner, M. (2015). Effects of emotional prosody on semantic priming. *The 37th Annual Conference of the Cognitive Science Society*.
- King, E., and Sumner, M. (2015). Voice-specific effects in semantic association. *The 37th Annual Conference of the Cognitive Science Society*.
- Moores, N., McGowan, K., Frank, M. and Sumner, M. (2015). The use of phonetically-cued talker information to disambiguate like-objects by children. *The 89th Annual Meeting of the Linguistic Society of America*, Portland, OR.
- Moores, N., McGowan, K., Frank, M. and Sumner, M. (2015). The use of phonetically-cued talker information to disambiguate like-objects by children. *The 55th Annual Meeting of the Psychonomic Society*, Long Beach, CA.
- Sumner, M.; Calder, J.; D’Onofrio, A.; McGowan, K.; and Pratt, T. (2013). Top-down vs. bottom-up processing depends on the acoustic composition of an utterance. *The 166th Annual Meeting of the Acoustical Society of America*, San Francisco, CA, Dec. 2 – 6.

- Kim, S. K., and Sumner, M. (2013). When emotion ties you up: Effects of emotion ambiguity on lexical access. *The 54th Annual Meeting of the Psychonomic Society*, Toronto, Canada, Nov. 14 – 17.
- Kim, S. K., and Sumner, M. (2013). Detangling emotion from the words we speak. *Current Issues and Methods in Speaker Adaptation Workshop*. Columbus, April 6 – 7.
- Sumner, M. (2012). A phonetic explanation of pronunciation variant effects. *The 53rd Annual Meeting of the Psychonomic Society*, Minneapolis, MN, Nov. 16 – 19.
- Sumner, M. and King, E. (2011). Perceptual–learning vs. perceptual–shifting: How listeners accommodate to accented speech. *The 162nd Meeting of the Acoustical Society of America*, San Diego, Oct. 31 – Nov. 4.
- Sumner, M. and Tilsen, S. (2011). Low-level adjustments to gross-categorical mismatches in the perception of accented speech. *The 162nd Meeting of the Acoustical Society of America*, San Diego, Oct. 31 – Nov. 4.
- Sumner, M. and Kataoka, R. (2011). All representations are not equal: Differential activation of words and phonological variants across accents. Presented at the 162nd Meeting of the Acoustical Society of America, San Diego, Oct. 31 – Nov. 4.
- Woodley, M., Tice, M., and Sumner, M. (2011). Does L2 acquisition effect L1 lexical access? Presented at the 162nd Meeting of the Acoustical Society of America, San Diego, Oct. 31 – Nov. 4.
- Spinelli, E., Sumner, M. & Johnson, K. (2011). Phonological variation affects lexicalization of newly learnt words. *ESCOPE 2011, 17th Meeting of the European Society for Cognitive Psychology*. Donostia-San Sebastian, Spain. September 29 – October 2.
- Weber, A., Sumner, M., Krott, A., Huettig, F., and Hanolikova, A. (2011). Sinking about boats and brains: Activation of word meaning in foreign-accented speech by native and non-native speakers. Swedish Cognitive Science Conference, Linköping, Sweden.
- Gafter, R., Kurumada, C., Tice, M., and Sumner, M. (2010). Frequency MADDERS, but formality and phonology MATTER, too. The 2nd Pan–American/Iberian Meeting on Acoustics, Cancun, Mexico. November 15–19.
- Pineda, M., and Sumner, M. (2010). A distributional analysis of VOT in French–accented English. The 159th Annual Meeting of the Acoustical Society of America, Baltimore, MD. April 19 – 23.
- Moon, K., and Sumner, M. (2010). Generalization of learned cues to speakers with novel accents. The 159th Annual Meeting of the Acoustical Society of America, Baltimore, MD. April 19 – 23.
- de Marneffe, M–C., and Sumner, M. (2009). The effect of frequency and variation in the perception of non–native phonetic cues. The 158th Annual Meeting of the Acoustical Society of America, San Antonio, TX. October 26 – 30.
- Sumner, M. (2009). The benefit of variation in cross–language speech perception. *Cross–Language Speech Perception and Variation in Linguistic Experience*, Portland, OR. May 22 – 23.
- Sumner, M. (2008). Learning and generalization of non–native voicing cues. *Acoustics '08*, Paris, France. July 4 – 8.
- Sumner, M. (2006). Learning to use new phonetic cues when processing non–native speech. The 47th Annual meeting of the Psychonomic Society, Houston, TX. November 16 – 19.
- Sumner, M., and Samuel, A. G. (2005). The perception and representation of an r–dropping dialect. The 46th Annual meeting of the Psychonomic Society, Toronto, Canada. November 10 – 13.
- Sumner, M., and Samuel, A. G. (2004). The Effect of Cross–language Variation on Perception and Lexical Access. The 45th Annual meeting of the Psychonomic Society, Minneapolis, MN. November 18 – 21.
- Sumner, M., and Samuel, A. G. (2004). The Effect on Lexical Access of Phonologically Regular Variation. *From Sound to Sense: 50+ Years of Discoveries in Speech Communication*, MIT. June 11 – 13.
- Sumner, M., and Samuel, A. G. (2003). The Effect on Lexical Access of Arbitrary versus Phonologically Regular Variation. The 44th Annual meeting of the Psychonomic Society, Vancouver, Canada. November 6 – 9.
- Sumner, M. (2002). The phonological status of glottal stops in Modern Hebrew. The 2nd International Conference on Contrast in Phonology, University of Toronto, Toronto, Canada. May 3 – 5.

TEACHING AND ADVISING

Undergraduate Courses

Experimental Phonetics and Social Variation
Introduction to Phonetic Transcription
Introduction to Phonetics (Acoustics and Perception)
Introduction to Phonetics and Phonology
Introduction to Linguistics
Introduction to Speech Perception
Introduction to Psycholinguistics
Articulatory Phonetics
Acoustic Phonetics
Language in the USA
Social Bias and Ear-Witness Memory (Freshman Seminar)
What's your accent? The socio-phonetic landscape of the US (Freshman Seminar)

Graduate/Advanced Undergraduate Courses

Advanced Phonetics Seminar: Adaptive Resonance Theory, Part I
Advanced Phonetics Seminar: Adaptive Resonance Theory, Part II
Advanced Phonetics Seminar: Speech acoustics
Complicating Representations: The intersection of Social Theory and Spoken Word Recognition (co-taught w/ Penelope Eckert)
Socio-phonetic Variation in Speech Perception and Spoken Word Recognition
Project-based Exploration in Phonetics and Psycholinguistics: Attention
Project-based Exploration in Phonetics and Psycholinguistics: Memory
Project-based Exploration in Phonetics and Psycholinguistics: Speech Perception
Project-based Exploration in Phonetics and Psycholinguistics: Learning
Qualitative versus Quantitative Experience in the Perception of Allophonic Variants
The Perception and Recognition of Clear and Casual Speech

Short Courses

Phonetic Variation in Speech Perception
Instructor, 2011, LSA Linguistic Institute, Boulder, CO

Acoustic Phonetics for Women in Science and Engineering (WISE)
Instructor, 2002, Stony Brook University

DISSERTATION COMMITTEE MEMBERSHIP

Primary Advisor

- Alexia Hernandez, *Advisor*, A cognitive raciolinguistic approach to the production and perception of Miami-based Cuban American speech, *in progress*.
- Will Clapp, *Primary Advisor*, Socially-guided allocation of attention and the memory encoding of spoken language, *in progress*.
- Ed King, *Advisor*, Voice-specific lexicons: Effects of talker-variation on form and semantic activation, *PhD 2021*.
- Sara Kessler, *Co-Advised with Daniel Lassiter*, World knowledge, context, and structure: The use and acquisition of dimensional adjectives, *PhD 2019*.
- Simon J. Todd, *Co-Advised with Dan Jurafsky*, Asymmetries in spoken word perception and sound change, *PhD 2019*.
- Seung-Kyung Kim, *Advisor*, The parallel processing of emotional and linguistic cues in spoken

word recognition, *PhD 2015*.

- Olga Dmitrieva, *Co-Advised with Arto Anttila*, Geminant typology and perception of consonant length, *PhD 2012*.
- Yuan Zhao, *Co-Advised with Dan Jurafsky*, Statistical inference in the learning of novel phonetic categories, *Ph.D. 2009*.

Committee Member

- Taylor LiCausi (Education), The other peer review process: Professors, informal evaluation, and knowledge making, *in progress*.
- Lewis Esposito, Co-variation as stylistic coherence, *in progress*.
- Robert Xu, Title TBA, *in progress*.
- Chantal Gratton, Vowel space as an interactive and affective resource, *2023*.
- Katherine Hilton, What does an interruption sound like? *Ph.D., 2018*
- Sharese King, Exploring social & linguistic diversity across African Americans from Rochester, NY, *Ph.D. 2018*
- Sunwoo Jeong, Melodies in context: The semantics and pragmatics of English rising intonation declaratives, *Ph.D., 2018*.
- Janneke van Hofwegen, The systematicity of style: Investigating the full range of variation in everyday speech, *Ph.D. 2017*.
- Annette D’Onofrio, Sociolinguistic salience in California English. *Ph.D., 2016*.
- Roey Gafer, Ethnic identity and linguistic variation in the Tel Aviv area, *Ph.D. 2014*.
- Andrea Kortenhoven, Voicing authority: A sociolinguistic analysis of African-American churchwomen’s discursive practices of testifying and preaching, *2015*.
- Chigusa Kurumada, Inference and interpretation. *Ph.D. 2013*.
- Uriel Cohen-Priva, Sign and signal: Deriving linguistic generalizations from information utility. *Ph.D. 2012*.
- Alessandro Jaker, Word prosody and level ordering in Weledeh Dogrib, *Ph.D. 2011*.
- Inbal Arnon, Starting Big – The role of sequences in language learning and use, *Ph.D. 2010*.
- Rebecca Greene, Eastern Kentucky English and ideology, *Ph.D. 2010*.
- Laura Staum Casasanto, Experimental investigations of sociolinguistic knowledge, *Ph.D. 2009*.
- Lauren Hall–Lew, Ethnicity and phonetic variation in a San Francisco neighborhood, *Ph.D. 2009*.

International External Examiner

- Rachel Soo, *Perception, Recognition, and Encoding of Cantonese Sound Change Variants*, University of British Columbia, Vancouver, 2023
- Nhung Nguyen, *The Role of Intergroup Attitudes in Speech Perception*, MARCS Institute for Brain, Behavior, & Development, 2017.
- Laurence Bruggeman, *Nativeness, Dominance and the Flexibility of Listening to Spoken Language*, MARCS Institute for Brain, Behaviour, & Development, 2016.

QUALIFYING PAPER COMMITTEES (CHAIR OR MEMBER)

Alex Jaker
Alexia Hernandez
Annette D’Onofrio
Brandon Papineau
Chantal Gratton
Chigusa Kurumada
Christian Brickhouse

Daisy Leigh
Ed King
Inbal Arnon
Irene Yi
Isla Flores-Bayer
Janneke von Hoffwegen
Kate Lindsay

Katherine Geenberg
Katherine Hilton
Kyuwon Moon
Lewis Esposito
Lily Clifford
Marie Tano
Marisa Casillas

Matthew Adams
Michael Hahn
Nola Stevens
Olga Dmitrieva
Rebecca Greene
Rebecca Starr
Ricardo Bion
Rob Voigt

Robert Xu
Roey Gafter
Sam Bowman
Sara Kessler
Sebastian Schuster
Seung Kyung Kim
Sharese King
Simon Todd

Sunwoo Jeong
Teresa Praat
Tyler Schnoebelen
Uriel Cohen Priva
Will Clapp
Yin Lin Tan
Yuan Zhao
Zion Mengesha

ACTIVITIES

Professional Memberships

Acoustical Society of America; American Academy of Science; International Speech Association; Linguistic Society of America; Psychonomic Society (Member), Laboratory Phonology Association (Member), American Psychological Association (Member), Cognitive Science Society (Member)

Consulting

Nest Payroll, Palo Alto, CA – DEI language consultant; 180 LA, Los Angeles, CA – Advertising/Branding; Pixar Animation Studios, Emeryville, CA – Speech production/accent consultant; SONY Interactive Entertainment, San Francisco, CA – Speech consultant

Ad-hoc Reviewer: Acta Psychologica; American Speech, Applied Psycholinguistics; Attention, Perception, and Psychophysics; Cognition; Cognitive Psychology; Cognitive Science; Frontiers in Psychology; Journal of the Acoustical Society of America; Journal of Memory and Language; Journal of Phonetics; Journal of Sociolinguistics; Journal of Speech, Language, and Hearing; Laboratory Phonology; Language; Language and Cognitive Processes; Language and Speech; Language Variation and Change; Lingua; Memory and Cognition; Neuropsychologia, Quarterly Journal of Experimental Psychology; PLOS ONE; Psychonomic Bulletin and Review; Speech Communication

Reviewer for Funding Agencies: Language Learning; National Science Foundation (Reviewer and DDR panel member); National Institutes of Health, Social Sciences and Humanities Research Council of Canada

Selected Departmental Service

| | |
|----------------|---------------------------------------------------------------|
| 2021 – present | Director, Stanford Phonetics Lab |
| 2021 – 2023 | Member, Departmental Search Committee |
| 2020 – 2021 | Member, Departmental Tenure Committee |
| 2020 – 2021 | Chair, Departmental Reappointment Committee |
| 2020 – 2021 | Chair, Colloquium Committee |
| 2018 – present | Department Institutional Review Board Liaison |
| 2018 – 2021 | Member, Graduate Admissions Committee (also 2007, 2008, 2013) |
| 2017 - 2018 | Member, Departmental Tenure committee |
| 2016 – 2017 | Chair, Psycholinguistic Search committee |
| 2016 – 2017 | Chair, Departmental Reappointment committee |
| 2015 – 2016 | Member, Graduate studies committee |
| 2014 – 2015 | Chair, Graduate Admissions Committee (also, 2009, 2010) |
| 2014 – 2015 | Member, Departmental reappointment committee |
| 2009 – present | Organizer, Phonetics Research Group |
| 2008 – 2010 | Chair, Phonetics–Phonology Curriculum Overhaul Committee |
| 2007 – 2020 | Chair, Lab committee |
| 2007 – 2020 | Director, Stanford Experimental Linguistics Lab |
| 2007 – 2009 | Organizer, Speech Lunch |

University Service

| | |
|----------------|-----------------------------------------------------------------|
| 2015 – present | Member, Institute for Research in the Social Sciences |
| 2018 - 2020 | Member, Committee on Research |
| 2015 - 2018 | Undergraduate Pre-major Advisor |
| 2016 | Screener, Stanford Humanities Center Dissertation Fellowship |
| 2015 – 2018 | Member, Computational Social Science Steering Committee |
| 2007 – 2014 | Gender issues in Linguistics, Founder and Linguistics Organizer |

Updated: November 2023

