



## Meghan Sumner

Associate Professor of Linguistics

 Curriculum Vitae available Online

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### Bio

#### BIO

I am an Associate Professor of Phonetics at Stanford. My work simplified: I take sound patterns that exist in languages and associated variation and usage patterns (who says what, how and when), and investigate the social meaning humans associate with these patterns (and how they come to make these associations). I care about how, cognitively, this social information affects attention, perception, recognition, memory, and comprehension. Then, I take all of that, and investigate the areas in which language and society interact and highlight how this advances theory, but also how stereotype and bias are reinforced through spoken language. Much of what we currently know about speech variation, language and cognition stems from experiments that probe one component of this process at time, leave out social factors and experience, use stimuli from normative white talkers, and are quite distant from the interdisciplinary and diverse research needed to advance theories and address issues relevant to society. My general focus is on understanding the mechanisms and representations that underlie spoken language understanding and how they interact across various listener and speaker populations in a social and dynamic world.

#### ACADEMIC APPOINTMENTS

- Associate Professor, Linguistics
- Member, Maternal & Child Health Research Institute (MCHRI)

#### ADMINISTRATIVE APPOINTMENTS

- Senior Fellow, Center for the Politics of Inequality, University of Konstanz, (2023- present)
- Associate Professor, Stanford University, (2014- present)
- Assistant Professor, Department of Linguistics, Stanford University, (2007-2014)
- Visiting Scholar, Department of Linguistics, University of California, Berkeley, (2006-2007)
- Postdoctoral Research Fellow, NIH National Research Service Award, Department of Psychology, Stony Brook University, (2003-2006)

#### HONORS AND AWARDS

- Hellman Faculty Scholar, Stanford University (2008-2009)
- Presidential Award for Excellence in Teaching, Stony Brook University (2001)

#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Acoustical Society of America
- Fellow, Psychonomic Society
- Member, American Academy of Science
- Member, International Speech Association
- Member, Linguistic Society of America

- Organizer, Testing models of phonetics and phonology at the LSA Linguistic Institute (2011 - 2011)
- Reviewer, Acta Psychologica
- Reviewer, Applied Psycholinguistics
- Reviewer, Attention, Perception, and Psychophysics
- Reviewer, Cognition
- Reviewer, Cognitive Psychology
- Reviewer, Cognitive Science
- Reviewer, Journal of the Acoustical Society of America
- Reviewer, Journal of Memory and Language
- Reviewer, Journal of Phonetics
- Reviewer, Journal of Speech, Language, and Hearing
- Reviewer, Laboratory Phonology
- Reviewer, Language
- Reviewer, Language and Cognitive Processes
- Reviewer, Language and Speech
- Reviewer, Lingua
- Reviewer, Memory and Cognition
- Reviewer, Quarterly Journal of Experimental Psychology
- Reviewer, Journal of Experimental Psychology
- Reviewer, Speech Communication
- Reviewer, Language Learning
- Reviewer, National Science Foundation
- Reviewer, Social Sciences and Humanities Research Council of Canada
- Founder and Organizer, Gender Issues in Linguistics (2013 - present)
- Director, Linguistics Department Laboratory (2007 - present)
- Organizer, Phonetics Discussion Group, Linguistics Department, Stanford University (2009 - present)
- Chair, Lab Committee, Linguistics Department, Stanford University (2014 - present)
- Member, Graduate Admissions Committee, Linguistics Department, Stanford University (2007 - 2008)
- Member, Graduate Admissions Committee, Linguistics Department, Stanford University (2013 - 2013)
- Chair, Graduate Admissions Committee, Linguistics Department, Stanford University (2009 - 2011)
- Chair, Phonetics–Phonology Curriculum Overhaul Committee, Linguistics Department, Stanford University (2008 - 2010)
- Organizer, Speech Lunch, Linguistics Department, Stanford University (2007 - 2009)

## **PROGRAM AFFILIATIONS**

- Symbolic Systems Program

## **PROFESSIONAL EDUCATION**

- B.A., University at Albany , Anthropology (1996)
- Ph.D, Stony Brook University , Linguistics (2003)

## LINKS

- Lab Site: <https://web.stanford.edu/group/phonlab/cgi-bin/wordpress/>

## Teaching

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### COURSES

#### 2022-23

- Advanced Phonetics: Adaptive Resonance Theory: LINGUIST 207A (Aut)
- Advanced Phonetics: Practical Research in Attention, Perception, and Memory: LINGUIST 207B (Win)
- Phonetics: LINGUIST 105, LINGUIST 205A (Win)
- Phonetics Research Lab: LINGUIST 207L (Aut, Win, Spr)
- Social Bias and Earwitness Memory: LINGUIST 54N (Aut)

#### 2021-22

- Phonetic Transcription: LINGUIST 107 (Aut)
- Phonetics: LINGUIST 105, LINGUIST 205A (Win)
- Phonetics Research Lab: LINGUIST 207L (Aut, Win, Spr)
- TA Training Workshop: LINGUIST 394 (Aut)

#### 2020-21

- Phonetics: LINGUIST 105, LINGUIST 205A (Win)
- Phonetics Research Lab: LINGUIST 207L (Aut, Win, Spr)
- Social Bias and Earwitness Memory: LINGUIST 54N (Spr)
- TA Training Workshop: LINGUIST 394 (Aut)

### STANFORD ADVISEES

#### Doctoral Dissertation Reader (AC)

Lewis Esposito, Robert Xu

#### Doctoral Dissertation Advisor (AC)

Will Clapp, Alexia Hernández

#### Doctoral (Program)

CJ Brickhouse

## Publications

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### PUBLICATIONS

- **The episodic encoding of spoken words in Hindi.** *JASA express letters*  
Clapp, W., Sumner, M.  
2024; 4 (3)
- **Speech patterns during memory recall relates to early tau burden across adulthood.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*  
Young, C. B., Smith, V., Karjadi, C., Grogan, S. M., Ang, T. F., Insel, P. S., Henderson, V. W., Sumner, M., Poston, K. L., Au, R., Mormino, E. C.  
2024
- **Talker-specificity and token-specificity in recognition memory.** *Cognition*  
Clapp, W., Vaughn, C., Todd, S., Sumner, M.

2023; 237: 105450

- **The episodic encoding of talker voice attributes across diverse voices** *JOURNAL OF MEMORY AND LANGUAGE*  
Clapp, W., Vaughn, C., Sumner, M.  
2023; 128
- **Beyond lexical meaning: The effect of emotional prosody on spoken word recognition.** *The Journal of the Acoustical Society of America*  
Kim, S. K., Sumner, M. n.  
2017; 142 (1): EL49
- **Between- and Within-Speaker Effects of Bilingualism on F0 Variation** *INTERSPEECH*  
Voigt, R., Jurafsky, D., Sumner, M.  
2016: 1122–26
- **The social weight of spoken words.** *Trends in cognitive sciences*  
Sumner, M.  
2015; 19 (5): 238-9
- **The social weight of spoken words** *TRENDS IN COGNITIVE SCIENCE*  
Sumner, M.  
2015; 19 (5): 238-239
- **The socially weighted encoding of spoken words: a dual-route approach to speech perception** *FRONTIERS IN PSYCHOLOGY*  
Sumner, M., Kim, S. K., King, E., McGowan, K. B.  
2014; 4
- **Effects of phonetically-cued talker variation on semantic encoding** *JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA*  
Sumner, M., Kataoka, R.  
2013; 134 (6): EL485-EL491
- **Effects of phonetically-cued talker variation on semantic encoding.** *The Journal of the Acoustical Society of America*  
Sumner, M., Kataoka, R.  
2013; 134 (6): EL485
- **A phonetic explanation of pronunciation variant effects** *JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA*  
Sumner, M.  
2013; 134 (1): EL26-EL32
- **The learning and generalization of contrasts consistent or inconsistent with native biases** *Proceedings of the 14th Annual Conference of the International Speech Communication Association*  
Moon, K., Sumner, 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*  
Sumner, M., Kurumada, C., Gafter, R., Casillas, M.  
2013
- **Current directions in research on spoken word recognition** *The Cambridge Handbook of Psycholinguistics*  
Samuel, A. G., Sumner, M.  
edited by Spivey, M., Joanisse, M., McRae, K.  
New York: Cambridge University Press.2012
- **The role of variation in the perception of accented speech** *COGNITION*  
Sumner, M.  
2011; 119 (1): 131-136
- **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*  
de Marneffe, M., Tomlinson, J., Tice, M., Sumner, M.  
edited by Carlson, L., Hölscher, C., Shipley, T.

2011

- **The effect of experience on the perception and representation of dialect variants** *JOURNAL OF MEMORY AND LANGUAGE*  
Sumner, M., Samuel, A. G.  
2009; 60 (4): 487-501
- **Learning and generalization of novel contrastive cues** *10th INTERSPEECH 2009 Conference*  
Sumner, M.  
ISCA-INST SPEECH COMMUNICATION ASSOC.2009: 396-399
- **Lexical inhibition and sublexical facilitation are surprisingly long lasting** *JOURNAL OF EXPERIMENTAL PSYCHOLOGY-LEARNING MEMORY AND COGNITION*  
Sumner, M., Samuel, A. G.  
2007; 33 (4): 769-790
- **Perception and representation of regular variation: The case of final vertical bar t vertical bar** *JOURNAL OF MEMORY AND LANGUAGE*  
Sumner, M., Samuel, A. G.  
2005; 52 (3): 322-338
- **A psycholinguistic approach to abstractness: The case of Hebrew** *Penn Working Papers in Linguistics*  
Sumner, M., et al  
edited by Arunachalam, A., et al  
Philadelphia: Penn Linguistics Club.2003: 150-159
- **The reality of abstract representations in Modern Hebrew** *Proceedings of the West Coast Conference on Formal Linguistics*  
Sumner, M.  
edited by Mikkelsen, L., Potts, C.  
Proceedings of the West Coast Conference on Formal Linguistics.2002: 429-422
- **Are you there? Self-interruption and the restructuring of conversation** *Pragmatics in 1998: Selected papers from the 6th International Pragmatics Conference*  
Sumner, M.  
edited by Verschueren  
Pragmatics in 1998: Selected papers from the 6th International Pragmatics Conference.1999: 536-546
- **Compensatory lengthening as coalescence: Analysis and implications** *Proceedings of the West Coast Conference on Formal Linguistics*  
Sumner, M., et al  
edited by Barss, A., et al  
Somerville, MD: Cascadilla Press.1999: 532-544