

**Anne Pycha**  
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Department of Linguistics  
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Current as of: January, 2021

## **A. Background information**

### **1. Formal education**

2008 Ph.D, Linguistics, University of California, Berkeley  
1993 B.A. with honors, Religious Studies, Brown University, Providence, Rhode Island

### **2. Doctoral Thesis**

*Morphological Sources of Phonological Length*  
Advisors: Sharon Inkelas (chair), Keith Johnson, Larry Hyman

### **3. Academic and Professional Positions Held**

2018-present. Associate Professor. Department of Linguistics, University of Wisconsin, Milwaukee.  
2012- 2018. Assistant Professor. Department of Linguistics, University of Wisconsin, Milwaukee.  
2010-2012. Visiting Assistant Professor. Department of Linguistics, University of Massachusetts, Amherst.  
2008-2010. IGERT Post-Doctoral Fellow, Institute for Research in Cognitive Science, University of Pennsylvania.  
2002-2008. Graduate student, Linguistics, University of California, Berkeley.  
2000-2002. Graduate student, Linguistics, University of Chicago.  
1999. Science writer, freelance.  
1996-1998. Research associate, Scientific Learning Corporation, Oakland, California  
1993-1996. Technical writer, Lotus Development Corporation, Cambridge, Massachusetts

### **4. Special honors, awards, and research grants**

#### ***Honors and awards***

2018. Nominee for UWM Undergraduate Research Mentor of the Year.  
2015. Fellow, Kavli Scientist-Writer Workshop, New York University (competitive award for travel, accommodation, and tuition to one-week workshop)  
2014. Fellow, Trans-Disciplinary Challenge Seminar on Language, Center for 21<sup>st</sup> Century Studies, University of Wisconsin, Milwaukee (competitive award for course release)  
2007. Abigail Hodgen Publication Award, University of California, Berkeley  
2006. Outstanding Graduate Student Instructor Award, University of California, Berkeley

**Funding activity**

2015, 2016. Submitted proposal. “Listener perception of prefixes, roots, and suffixes.” Principal investigator: Anne Pycha. Standard research award, Linguistics, National Science Foundation. Status: Unfunded.

2013. Submitted proposal: “Explaining Phonological Patterns with Memories.” Principal Investigator: Anne Pycha. Competitive award through Research Growth Initiative, Graduate School, University of Wisconsin, Milwaukee. Status: Funded. \$68,760.20.

**B. Publications**

**Peer-Reviewed Journal Articles**

Cohn, M., Pycha, A., and Zellou, G. (in press, 2021). Intelligibility of face-masked speech depends on speaking style: Comparing casual, smiled, and clear speech. *Cognition*.

Pycha, A. (in press, 2021). Phonological and morphological roles modulate the perception of consonant variants. *Linguistics Vanguard*.

Pycha, A. (2020). Differences in perception and memory for speech fragments in complex versus simple words: Two experiments. *The Mental Lexicon* 15(2): 189-222.

Zellou, G. and Pycha, A. (2018). The gradient influence of temporal extent of coarticulation on vowel and speaker perception. *Journal of Laboratory Phonology* 9(1), 12.

Pycha, A. (2017). A new test for exemplar theory: Varying versus non-varying words in Spanish. *Glossa* 2(1): 82. 1–31.

Pycha, A. (2017). False memory rates for morphologically simple versus complex words in English. *The Mental Lexicon* 12(1): 71-106.

Pycha, A. (2017). False memories for varying and non-varying words in American English. *Language, Cognition, and Neuroscience* 32(2): 205-220.

Pycha, A. (2016). Co-articulatory cues for communication: An investigation of five environments. *Language and Speech* 59(3): 364-386.

Pycha, A. & Dahan, D. (2016). Differences in coda voicing trigger temporal realignment of gestures: A test case from the American English diphthong /aɪ/. *Journal of Phonetics* 56: 15-17.

Pycha, A. (2015). Subjective perception of affixation: A test case from Spanish. *Lingua* 159: 47-69.

Pycha, A. (2015). Listeners process prefixes differently: Evidence from a noise-rating task. *Word Structure* 8(1): 53-83.

Pycha, A. (2010). A test case for the phonetics-phonology interface: Gemination restrictions in Hungarian. *Phonology* 27(1): 119-152.

Pycha, A. (2009). Lengthened affricates as a test case for the phonetics-phonology interface. *Journal of the International Phonetic Association* 39(1):1-31.

Caballero, G., M.J. Houser, N. Marcus, T. McFarland, A. Pycha, M. Toosarvandani, and J. Nichols. (2008). Nonsyntactic ordering effects in noun incorporation. *Linguistic Typology* 12(3): 383-422.

Pycha, A., Inkelas, S., and Sprouse, R. (2007). Morphophonemics and the lexicon: A case study from Turkish. In M.J. Solé, P. Beddor, & M. Ohala (eds.) *Experimental Approaches to Phonology* (pp 369-385). Oxford University Press.

### **Recent Presentations**

- Hashimoto, N., Heuer, S., Pycha, A., & Shimrack, R. 2020. Phonological neighborhood density: What matters when naming images? Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (convention canceled).
- Pycha, A. 2020. Word context affects the categoricity of segment representations. LabPhon 17 (poster presented at virtual conference).
- Pycha, A. 2020. Categoricity of segment representations depends upon word context. Berkeley Linguistic Society, University of California, Berkeley.
- Pycha, A. 2020. (invited speaker). Categoricity of segment representations depends upon word context. Department of Linguistics, Northwestern University, Evanston, IL.
- Aldholmi, Y. & Pycha, A. 2019. The role of consonants versus vowels in English speech intelligibility. Mid-Continental Phonetics and Phonology Conference 24, Milwaukee, WI.
- Heuer, S., Hashimoto, S., & Pycha, A. 2019. Phonological neighborhood density and naming images. Mid-Continental Phonetics and Phonology Conference 24, Milwaukee, WI.
- Pycha, A. 2019 (invited speaker). Perception and memory of individual morphemes in spoken words: Two experiments. Princeton Phonology Forum, Princeton University.
- Hashimoto, N., Heuer, S., & Pycha, A. 2019. The role of phonological neighborhood density in naming images. Clinical Aphasiology Conference 2019, Whitefish, MT.

### **Publications for Lay Audiences**

- Mind Your “Fs” and “Vs”: Agriculture May Have Shaped Both Human Jaws and Language. *Scientific American* (front page story on website), March 2019
- Why Click Speech is Rare. *Scientific American*, December 2017
- New Simpler Parkinson’s Tests Probe Walking, Talking, Typing. *Scientific American*, June 2017
- ‘R’ is for Red: Common Words Share Similar Sounds in Many Languages, *Scientific American* (front page story on website), September 2016
- An Auditory Component to Autism, *Scientific American*, September 2016
- Language Could Diagnose Parkinson’s, A.L.S., and Schizophrenia Before Lab Tests, *Scientific American*, February 2016
- The Universal Meaning of Consonants, *Scientific American Mind*, November 2015
- Rhyme Like a Rapper, *Scientific American Mind*, November 2015
- Fast Talkers: Spanish is Faster than English, but Mandarin is Slow, *Scientific American*, April 2012
- Social Clicks: Sounds Associated with African Languages are Common in English, *Scientific American*, February 2012

## **C. Teaching Ability and Experience**

### **1. Courses usually taught (instructor of record)**

- University of Wisconsin, Milwaukee*
- Linguistics 440, Psycholinguistics
- Linguistics 460, Introduction to Phonology
- Linguistics 560, Advanced Phonology
- Linguistics 590, Morphology
- Linguistics 802, Seminar in Phonology and Phonetics

## **2. Courses previously taught (instructor of record)**

*University of Massachusetts, Amherst*, Fall 2010 through Spring 2011

Linguistics 390C, Sounds of Englishes

Linguistics 414, Introduction to Phonetics for Linguists

Linguistics 402, Speech Sounds and Structure

Linguistics 730, Graduate seminar in phonology

Linguistics 730, Graduate seminar in phonetics (co-taught)

*San Francisco State University*, Fall 2007

English 424, Phonology and Morphology

## **3. Direction of graduate student research**

*University of Wisconsin, Milwaukee*

### Principal advisor

Ongoing. HoEun Park, Doctoral dissertator. Rozan Alghamdi, Doctoral student. Saad Alshahrani, Doctoral student.

2018. Yahya Aldhomi, Doctoral dissertation. Segmental Contributions to Speech Intelligibility in Nonconcatenative vs. Concatenative Languages.

Current position: Assistant Professor, King Saud University, Saudi Arabia.

2018. Reham Alhammad, Doctoral dissertation. “The Role of the Syllable Contact Law-Semisyllable (SCL-Semi) in the Coda Clusters of Najdi Arabic and Other Languages.”

Current position: Lecturer, Majmmah University, Saudi Arabia.

2015. Amara Sankhagowit, Master’s thesis. Distribution of Tone Phonemes in Thai. Currently enrolled in the doctoral program of linguistics, University of Chicago.

2013. Meagan Dailey, Master’s Thesis. An Exploration of the Motivations behind Hawu Vowel Metathesis. (Co-principal advisor with Professor Garry Davis). Currently enrolled in the doctoral program of linguistics, University of Hawaii.

2013. Alison Garcia, Doctoral thesis. Allophonic Variation in Spanish Fricatives.

## **4. Course innovations**

*University of Wisconsin, Milwaukee*

Linguistics 590, Morphology

## **Outreach Activities and Service**

### **1. Beyond campus**

Invited peer reviewer for manuscripts submitted to *Cognitive Science* (2012), *Journal of the Acoustical Society of America* (2018), *Journal of the International Phonetic Association* (2012, 2016), *Journal of Laboratory Phonology* (2016, 2017, 2019), *Journal of Phonetics* (2015, 2016, 2019), *Language and Speech* (2015), *Lingua* (2014), *Linguistic Review* (2014), *Natural Language and Linguistic Theory* (2013), *Origins of Sound Change* (Oxford University Press) (2012), *Oxford Handbook of Language Prosody* (2018), *Phonology* (2012), *Perspectives on Arabic Linguistics* (2017), *Proceedings of the Algonquian Linguistics Conference* (2018), *Radical: A Journal of Phonology* (2019)

Reviewer for grant proposal to National Science Foundation.

2019

Reviewer for grant proposal to National Science Foundation. Reviewer for tenure dossier at a major state university.

2017

Reviewer of symposium proposals, American Association for the Advancement of Science (AAAS) annual meeting for 2018

Abstract reviewer for Annual Meeting on Phonology

2016

External reviewer, The Icelandic Center for Research.

External reviewer for doctoral dissertation, "An Acoustic Study of Tone and Phonation in Punjabi", Faculty of Arts, Department of English, The University of Azad Jammu & Kashmir, Pakistan.

Reviewer of symposium proposals, American Association for the Advancement of Science (AAAS) annual meeting for 2017

Abstract reviewer for Annual Meeting on Phonology

2015. Abstract reviewer for Annual Symposium on Arabic Linguistics, and Annual Meeting on Phonology.

2013. Peer reviewer for grant proposals to the National Science Foundation.

## **2. Consultative services to groups**

2019. Chicago site lead, Summer Immersion Program, Girls Who Code. (Paid).

2014. Judge for Science Media Awards 2014, Boston, Category of Best Short Film. (Unpaid).

2012-2014. Phonetics Consultant for SRI International, Menlo Park, California. (Paid).

## **3. Service on campus**

2018. Supervised undergraduate research on "Pupil Response to False Memories during Speech Perception", presented at the Undergraduate Research Symposium, by undergraduates Krist Schubilske and Jasen Sonnen.

2017-present. Volunteer Instructor, Girls Who Code. Department of Computer Science, UWM. Facilitators: Professors Christine Chen and John Tang Boyland.

2017-2018. Committee Member, Graduate Research Fellowships. Read and provided rankings for scholarship applications from approximately 75 master's and doctoral students in all disciplines across the university.

2017. Committee Member, UWM Letters & Science Undergraduate Scholarships. Provided written evaluation and rankings for scholarship applications from approximately 100 students.

2012, 2017. Committee Member, UWM New Directions Scholarship. Evaluated scholarship applications from first-year students.

2016. Committee Member, UWM Letters & Science Undergraduate Scholarships. Provided written evaluation and rankings for scholarship applications from approximately 100 students.

2013-present. Colloquium Coordinator, Department of Linguistics. Organized speakers from off-campus and on-campus to deliver colloquium talks on diverse areas of language and linguistics research.

*Anne Pycha*

- 2014. Supervised undergraduate research on “False Memory Rate Comparison between Word Initial and Word Final [t]”, presented at the National Conference on Undergraduate Research, University of Kentucky, by undergraduates Ellen Abolt, Rebecca Lehr, and Dylan Pearson.
- 2013. Volunteer Mentor for Undergraduate Research at UWM Summer Program: Provided directed research experience for incoming first-year student.
- 2012. Linguistics Coordinator, UWM Undergraduate Open House. Organized department’s presence at open house event.

**E. Languages**

Speaking and reading (in declining order of proficiency): French, Spanish, Turkish