

# Kyle Mahowald: CV

---

*Assistant professor of linguistics at UT Austin, computational psycholinguist with interests in computation, cognition, quantitative methods, and NLP.*

CONTACT INFORMATION e-mail: [kmahowald@gmail.com](mailto:kmahowald@gmail.com)  
web: [mahowak.github.io](http://mahowak.github.io)

RESEARCH INTERESTS Computational psycholinguistics, Natural Language Processing (NLP), quantitative methods, cognitive science, statistical methods in the sciences, language and communication, language neuro-imaging, historical English, literature, meta-analysis

ACADEMIC WORK **The University of Texas at Austin**, Austin, TX USA  
Assistant Professor, Linguistics 2021-

**University of California, Santa Barbara**, Santa Barbara, CA USA  
Assistant Professor, Linguistics 2020-2021

- Steering Committee Member & Affiliate Faculty, Cognitive Science Emphasis
- Affiliate Faculty, Center for Responsible Machine Learning
- Affiliate Faculty, Center for Quantitative Methods in the Social Sciences

**Stanford University**, Palo Alto, CA USA  
Postdoctoral Researcher, Computer Science 2019-2020

- Advisors: [Dan Jurafsky](#), [Dan McFarland](#)

EDUCATION **Massachusetts Institute of Technology**, Cambridge, MA USA  
Ph.D., [Brain and Cognitive Sciences](#) 2011-16

- Advisor: [Edward Gibson](#)
- Committee: [Edward Gibson](#), [Nancy Kanwisher](#), [Joshua Tenenbaum](#)
- GPA: 5.0/5.0
- Thesis: *Cognitive and Communicative Pressures in Natural Language*

**University of Oxford**, Oxford, England UK  
M.Phil with Distinction, [General Linguistics and Comparative Philology](#) 2009-11  
Marshall Scholar

- Advisors: [Mary Dalrymple](#), [Aditi Lahiri](#)
- Areas of Study (all with Distinction): history and structure of English, morpho-phonology, computational linguistics, general linguistics
- Thesis: *An LFG Approach to Old English Constituent Order* (with Distinction)

**Harvard University**, Cambridge, MA USA  
A.B. Summa Cum Laude, English 2005-09

- Advisors: [Daniel Donoghue](#), [Marjorie Garber](#)
- GPA: 3.96/4.00
- Thesis: *A Fairy's Tale: Queen Mab's Journey from Shakespeare to Modernity*

INDUSTRY EXPERIENCE **Algorithm Developer, Hudson River Trading**, New York, NY USA 2016-2019

- Performed research in natural language processing and quantitative finance, wrote production code for low latency trading algorithms in C++ and Python

MAJOR EXTERNAL FUNDING	<ul style="list-style-type: none"> <li>• 2021-2023. NSF Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII). Using Linguistic Variation to Understand Deep Neural Models of Language. \$175,000.</li> </ul>	
FELLOWSHIPS GRANTS AND AWARDS	<ul style="list-style-type: none"> <li>• University of Texas at Austin Academic Enrichment Fund (\$4,000)</li> <li>• UCSB Senate Faculty Grant (\$15,000, declined)</li> <li>• UCSB Interdisciplinary Humanities Collaborations in the Virtual Classroom Grant (\$1,100)</li> <li>• NSF Doctoral Dissertation Improvement Grant (\$12,000)</li> <li>• Graduate Student Council Travel Grant</li> <li>• Angus MacDonald Award for Excellence in Undergraduate Teaching</li> <li>• AAAS/Science Program for Excellence in Science</li> <li>• CUNY 2013 Travel Award</li> <li>• National Defense Science and Engineering Graduate Fellowship</li> <li>• Henry E. Singleton Fund Fellowship</li> <li>• Sigma Xi Scientific Research Society</li> <li>• Marshall Scholarship (1 of 40 selected nationally)</li> <li>• Harvard College Research Fellowship</li> <li>• National Merit Scholarship</li> <li>• Robert Byrd Scholarship</li> <li>• Harvard Bowdoin Prize (Undergraduate Essay), \$10,000</li> <li>• Harvard Phi Beta Kappa Junior Electee, 1 of 24 elected as junior</li> <li>• John Harvard Scholar, top 5% in class</li> <li>• United States Presidential Scholar, 1 of 2 selected from each state</li> <li>• Youngest Sunday New York Times crossword constructor</li> </ul>	2021 2021 2020  2015-16 2014 2014 2014 2013 2012-15 2011-12 2012 2009 2008 2005-09 2005-09 2009 2008 2006-09 2005 2004
ARTICLES AND ARCHIVED CONFERENCE PROCEEDINGS	<p>A. Kaushal, K. Mahowald. 2022. What do tokens know about their characters and how do they know it? Proceedings of NAACL 2022.</p> <p>I. Papadimitriou, R. Futrell, K. Mahowald. 2022. When classifying grammatical role, BERT doesn't care about word order... except when it matters. Proceedings of <i>ACL</i>.</p> <p>B. Schmidt, S.T. Piantadosi, K. Mahowald. 2021. Uncontrolled corpus composition drives an apparent surge in cognitive distortions. Letter to PNAS (in response to Bollen et al.).</p> <p>J. Rozner, C. Potts, K. Mahowald. 2021. Decrypting Cryptic Crosswords: Semantically Complex Wordplay Puzzles as a Target for NLP. Proceedings of <i>NeurIPS 2021</i>.</p> <p>A. Jones, W. Wang, K. Mahowald. 2021. A Massively Multilingual Analysis of Cross-linguality in Shared Embedding Space. Proceedings of <i>EMNLP 2021</i>.</p> <p>T. Pimentel, I. Nikkarinen, K. Mahowald, D. Blasi, R. Cotterell. 2021. How (Non-)Optimal is the Lexicon? Proceedings of <i>NAACL-HLT 2021</i>.</p> <p>I. Papadimitriou, R. Futrell, E. Chi, K. Mahowald. 2021. Deep Subjecthood: Higher-Order Grammatical Features in Multilingual BERT. Proceedings of <i>EACL 2021</i>.</p> <p>K. Mahowald, M. Norris, D. Jurafsky. 2021. Concord begets concord: A Bayesian model of nominal concord typology. Proceedings of 95th LSA (2021).</p> <p>K. Mahowald, I. Dautriche, M. Braginsky, E. Gibson. 2021 (to appear). Efficient communication and the organization of the lexicon. In <i>Oxford University Press Handbook of the Mental Lexicon</i>.</p> <p>D. Card, P. Henderson, U. Khandelwal, R. Jia, K. Mahowald, D. Jurafsky. 2020. With little power comes great responsibility. Proceedings of <i>EMNLP 2020</i>.</p>	

- K. Mahowald, G. Kachergis, M.C. Frank. 2020. What counts as an exemplar model, anyway? A commentary on Ambridge (2020). *First Language*.
- E. Gibson, R. Futrell, S.T. Piantadosi, I. Dautriche, K. Mahowald, L. Bergen, R. Levy. 2019. How efficiency shapes human language. *Trends in Cognitive Science*.
- K. Mahowald, I. Dautriche, E. Gibson, S.T. Piantadosi. 2018 . Word forms are structured for efficient use. *Cognitive Science*. doi: 10.1111/cogs.12689.
- Z. Mineroff, I.A. Blank, K. Mahowald, E. Fedorenko. 2018. A robust dissociation among the language, multiple demand, and default mode networks: evidence from inter-region correlations in effect size. *Neuropsychologia*. doi: 10.1016/j.neuropsychologia.2018.09.011
- I. Dautriche\*, K. Mahowald\*, E. Gibson, S.T. Piantadosi. 2017. Words cluster phonetically beyond phonotactic regularities. *Cognition* 163: 128-145. doi: 10.1016/j.cognition.2017.02.001.  
\*co-first authors
- E. Gibson, C. Tan, R. Futrell, K. Mahowald, L. Konieczny, B. Hemfroth, E. Fedorenko. 2017. Don't underestimate the benefits of being misunderstood. *Psychological Science*: 1-10. doi: 10.1177/0956797617690277.
- E. Gibson, R. Futrell, J. Jara-Ettinger, K. Mahowald, L. Bergen, S. Ratnasingam, M. Gibson, S.T. Piantadosi, B.R. Conway. 2017. Color naming across languages reflects color use. *Proceedings of the National Academy of Sciences*. 114(40): 10785-10790.
- K. Mahowald, A. James, R. Futrell, E. Gibson. 2016. Structural priming is most useful when the conclusions are statistically robust. *Behavioral and Brain Sciences*, E302.
- I. Dautriche, K. Mahowald, E. Gibson, S.T. Piantadosi. 2016. Wordform similarity increases with semantic similarity: an analysis of 100 languages. *Cognitive Science*. doi: 10.1111/cogs.12453
- K. Mahowald, A. James, R. Futrell, E. Gibson. 2016. A meta-analysis of syntactic priming. *Journal of Memory and Language*, 91, 5-27.
- K. Mahowald, E. Fedorenko. 2016. Reliable individual-level neural markers of highlevel language processing: A necessary precursor for relating neural variability to behavioral and genetic variability. *Neuroimage*, 139, 74-93. doi: 10.1016/j.neuroimage.2016.05.073.
- I. Blank, E. Fedorenko, Z. Balewski, and K. Mahowald. 2016. Syntactic processing is distributed across the language network. *Neuroimage*, 127, 307-323.
- K. Mahowald, P. Graff, J. Hartman, and E. Gibson. 2016. SNAP Judgments: A Small N Acceptability Paradigm (SNAP) for Linguistic Acceptability Judgments. *Language*, 92 (3), 619-635.
- R. Futrell, K. Mahowald, E. Gibson. 2015. Large-Scale Evidence of Dependency Length Minimization in 37 Languages. *Proceedings of the National Academy of Sciences*. 112 (33), 10336-10341. doi: 10.1073/pnas.1502134112
- R. Singh, E. Fedorenko, K. Mahowald, E. Gibson. 2015. Presupposition accommodation is costly only in implausible contexts. *Cognitive Science*. Published online before print July, 2015. doi: 10.1111/cogs.12260
- R. Futrell, K. Mahowald, E. Gibson. 2015. Quantifying Word Order Freedom in Dependency Corpora. *Proceedings of Depling 2015*.
- E. Gibson, P. Jacobson, P. Graff, E. Fedorenko, K. Mahowald, S.T. Piantadosi. 2014. A pragmatic account of complexity in definite Antecedent-Contained-Deletion relative clauses. *Journal of Semantics*. 32 (4): 579-618.

	<p>K. Mahowald and E. Gibson. 2013. Short, frequent words are more likely to appear genetically related by chance. Letter to <i>Proceedings of the National Academy of Sciences</i>.</p> <p>K. Mahowald, E. Fedorenko, S.T. Piantadosi, and E. Gibson. 2013. <a href="#">Info/information theory: speakers choose shorter words in predictive contexts</a>. <i>Cognition</i>, 126, 313-318.</p> <p>K. Mahowald. 2012. A Naive Bayes Classifier for Shakespeare’s second person pronoun. <i>Literary and Linguistic Computing</i>. 27 (1): 17-23. doi:10.1093/llc/fqr045</p> <p>K. Mahowald. 2011. <a href="#">An LFG Account of Word Order Freezing</a>. In M. Butt and T. H. King, eds., Proceedings of the LFG11 Conference. Hong Kong: CSLI Publications: <a href="http://www-csli.stanford.edu/publications">http://www-csli.stanford.edu/publications</a>.</p> <p>K. Mahowald. 2010. “It may nat be”: Chaucer, Derrida, and the Impossibility of the Gift. <i>Studies in the Age of Chaucer</i>. 32:129-150.</p>
JOURNAL ARTICLES SUBMITTED OR IN PROGRESS	<p>Mahowald K., James, A., Futrell. R., Gibson E. 2021 (in progress). Replicating a fundamental finding in psycholinguistics: syntactic priming.</p> <p>ManyBabies2 Team. 2021 (submitted). Action anticipation based on an agent’s epistemic state in toddlers and adults.</p> <p>Mahowald, K., Isola, P., Fedorenko, E., Gibson, E., and Oliva, A. 2018. Memorable words are monogamous: The role of synonymy and homonymy in word recognition memory. PsyArXiv. 10.31234/osf.io/p6kv9.</p>
THESES	<p>K. Mahowald. 2016. Cognitive and communicative pressures in natural language. Ph.D. thesis. Massachusetts Institute of Technology.</p> <p>K. Mahowald. 2011. An LFG Approach to Old English. Master’s thesis. Oxford University.</p> <p>K. Mahowald. 2009. A Fairy’s Tale: Queen Mab’s Journey from Shakespeare to Modernity. Harvard College.</p>
REFEREED PRESENTATIONS	<p>I. Papadimitriou, R. Futrell, K. Mahowald. 2022. When Classifying Arguments, BERT Doesn’t Care About Word Order... Except When It Matters. SCiL 2022.</p> <p>T. Cucu, K. Mahowald. How do linguistics papers talk about non-English languages? Metascience 2021.</p> <p>K. Mahowald, I. Papadimitriou, D. Jurafsky, R. Futrell. 2021. Accessibility-Based Constraints on Morphosyntax in Corpora of 54 Languages. CUNY Conference on Human Sentence Processing, CUNY 2021.</p> <p>M. Yen, I. Blank, K. Mahowald. 2021. Competing Effects of Syntax and Animacy in Priming of Relative Clause Attachment. CUNY Conference on Human Sentence Processing, CUNY 2021.</p> <p>N. Rezaii, K. Mahowald, R. Ryskin, B. Dickerson, E. Gibson. 2021. Syntactic Rule Frequency as a Measure of Syntactic Complexity: Insights from Primary Progressive Aphasia. CUNY Conference on Human Sentence Processing, CUNY 2021.</p> <p>K. Mahowald, D. Jurafsky, M. Norris. 2021. Concord begets concord: a Bayesian model of nominal concord. Linguistics Society of America Conference 2021.</p> <p>I. Papadimitriou, R. Futrell, E. Chi, K. Mahowald. 2021. Multilingual BERT, ergativity, and grammatical subjecthood. SCiL 2021.</p> <p>I. Papadimitriou, R. Futrell, E. Chi, K. Mahowald. 2020. Multilingual BERT learns abstract case representations. EMNLP 2020: SIGTYP.</p>

- K. Mahowald, A. James, R. Futrell, E. Gibson. 2016. A meta-analysis of syntactic priming in language production. Annual CUNY Conference on Human Sentence Processing, CUNY 2016. Gainesville, FL. March 3-5, 2016.
- K. Mahowald, I. Dautriche, E. Gibson, A. Christophe, E. Gibson. 2014. Efficient phonological clustering in the mental lexicon. Ninth International Conference on the Mental Lexicon. Niagara-on-the-Lake, Ontario, Canada. September 30-October 2, 2014.
- I. Dautriche, K. Mahowald, E. Gibson, A. Christophe, E. Gibson. 2014. Lexical clustering in efficient language design. AMLaP 2014 (Architectures and Mechanisms for Language Processing). Edinburgh, UK. September 3-6, 2014.
- K. Mahowald, P. Graff, J. Hartman, E. Gibson. 2014. SNAP Judgments: Small N Acceptability Paradigm (SNAP) for linguistic judgments. AMLaP 2014 (Architectures and Mechanisms for Language Processing). Edinburgh, UK. September 3-6, 2014.
- K. Mahowald, A. Jacobs, A. Fahimipour, M. Kleiman-Weiner. 2013. Measure for Measure: Quantifying Shakespearean Drama. Links 2013. MIT Media Lab. July 22–23, 2013.
- K. Mahowald. 2011. An LFG Account of Word Order Freezing. Sixteenth International LFG Conference. Hong Kong. July 16–19, 2011.
- S. Chen, R. Futrell, K. Mahowald. 2022. An information-theoretic approach to the typology of spatial demonstratives. Human Sentence Processing (HSP) 2022.
- T.I. Regev, J. Affourtit, X. Chen, L. Bergen, K. Mahowald, E. Fedorenko. 2020. Sensitivity of high-level language processing brain regions to phonological information. Society for the Neurobiology of Language 2020.
- S. Ratnasingam, E. Gibson, R. Futrell, J. Jara-Ettinger, K. Mahowald, L. Bergen, S.T. Piantadosi, B. Conway. 2017. Statistical variations in the power spectrum of daylight over a day predict communicative efficiency of color-language. VSS.
- K. Mahowald, M. Kline, E. Fedorenko, E. Gibson. 2015. Informativity and efficient compression of sentences. Annual CUNY Conference on Human Sentence Processing, CUNY 2015. Los Angeles, CA. March 19-21, 2014.
- K. Mahowald, S.T. Piantadosi, M. Alper, E. Gibson. 2015. Lexical items are privileged slots for meaning. Annual CUNY Conference on Human Sentence Processing, CUNY 2015. Los Angeles, CA. March 19-21, 2014.
- R. Futrell, K. Mahowald, E. Gibson. 2014. CLIQS: Cross-Linguistic Investigations in Quantitative Syntax. AMLaP 2014 (Architectures and Mechanisms for Language Processing). Edinburgh, UK. September 3-6, 2014.
- K. Mahowald, P. Isola, E. Fedorenko, A. Oliva, E. Gibson. 2014. An information-theoretic account of word memorability. AMLaP 2014 (Architectures and Mechanisms for Language Processing). Edinburgh, UK. September 3-6, 2014.
- K. Mahowald, E. Fedorenko. Reliable individual-level neural markers of language activity. Neurobiology of Language 2014. Amsterdam. August 27-29, 2014.
- E. Gibson, P. Jacobson, P. Graff, K. Mahowald, E. Fedorenko, S.T. Piantadosi. Pragmatic influences on the processing of ACD relative clauses. 27th Annual CUNY Conference on Human Sentence Processing, CUNY 2014. Columbus, OH. March 13-15, 2014.
- R. Futrell, K. Mahowald, S.T. Piantadosi, E. Gibson. Efficient Communication Forwards and Backwards. 27th Annual CUNY Conference on Human Sentence Processing, CUNY 2014. Columbus, OH. March 13-15, 2014.

REFEREED  
POSTERS

- K. Mahowald, S.T. Piantadosi, E. Gibson. 2013. Lexical clustering in efficient language design. 26th Annual CUNY Conference on Human Sentence Processing, CUNY 2013. Columbia, SC. March 22, 2013.
- K. Mahowald, T.J. O'Donnell, and J.B. Tenenbaum. 2013. Filling in the blanks in morphological productivity: a word completion task. 26th Annual CUNY Conference on Human Sentence Processing, CUNY 2013. Columbia, SC. March 23, 2013.
- K. Mahowald, E. Fedorenko, S.T. Piantadosi, E. Gibson. 2012. Info/information theory: speakers actively choose shorter word in predictive contexts. 25th Annual CUNY Conference on Human Sentence Processing, CUNY 2012. New York. March 16, 2012.

INVITED  
PRESENTATIONS

- K. Mahowald. 2021. Deep Subjecthood. SIGTYP Lecture Series. September 10, 2021.
- K. Mahowald. 2021. Exploring grammatical role in machines. Boston University. March 11, 2021.
- K. Mahowald. 2021. Deep Subjecthood: Exploring grammatical role in humans and machines. UT Austin. March 1, 2021.
- K. Mahowald. 2020. A BERT's eye view of linguistics. Trace. Modesto, California [remote]. August 21, 2020.
- K. Mahowald. 2020. Understanding linguistic structure through computational models of language. Linguistics Department. University of California, Santa Cruz [remote]. June 18, 2020.
- K. Mahowald 2020. Computation and Language. Apple, Inc. Cupertino, California [remote]. April 17, 2020.
- K. Mahowald. 2020. Computational and communicative pressures in language. Linguistics Department. Boston University. February 20, 2020.
- K. Mahowald. 2020. Cognitive pressures in language. Linguistics. University of Texas Austin. February 17, 2020.
- K. Mahowald. 2020. Cognitive and communicative pressures in language. Department of Psychology, Department of Language Sciences. University of Wisconsin Madison. February 3, 2020.
- K. Mahowald. 2020. Human language as a window into cognition. Department of Psychology. University of California Berkeley. January 29, 2020.
- K. Mahowald. 2020. Communicative pressures in language. Linguistics Department. University of California Santa Barbara. January 23, 2020.
- K. Mahowald. 2020. Cognitive and communicative pressures in language. Language and Cognition Talk Series. Stanford University. January 16, 2020.
- K. Mahowald. 2019. NLP, Communication, and Language. NLP Lunch. Stanford University. October 31, 2019.
- K. Mahowald. 2019. Cognitive and communicative pressures in natural language. Department of Linguistics and Department of Computer Science. McGill University. March 14, 2019.
- K. Mahowald. 2019. Cognitive and communicative pressures in language. School of Philosophy, Psychology, and Language Sciences. Edinburgh University. February 28, 2019.
- K. Mahowald. 2019. Cognitive and communicative pressures in language. Department of Linguistics. University of Florida. February 5, 2019.

- K. Mahowald. 2019. Cognitive and communicative pressures in language. Department of Linguistics. Northwestern University. January 31, 2019.
- K. Mahowald. 2015. Four mini-talks in psycholinguistics. CogLunch. Department of Brain and Cognitive Sciences. MIT. May 12, 2015.
- K. Mahowald. 2014. Efficient structure in the lexicon. Mini-Symposium on the Neural and Cognitive Mechanisms of Language. Department of Psychology. Harvard University. December 4, 2014.
- K. Mahowald. 2014. Efficient lexical structure. Department of Brain and Cognitive Sciences. Invited Talk. University of Rochester. October 3, 2014.
- K. Mahowald. 2014. Learning and organizational structure of the lexicon. Stanford Language and Cognition Lab Meeting. Stanford University. May 13, 2014.
- K. Mahowald, A. Jacobs, A. Fahimipour, E. Pechenick, M. Kleiman-Weiner. 2013. Measure for Measure: Quantifying Shakespeare. Santa Fe Complex Systems Summer School. Santa Fe Institute. June 28, 2013.
- K. Mahowald. 2013. Finding structure in the lexicon. CogLunch. MIT. April 9, 2013.
- K. Mahowald. 2013. Efficient lexical design. Tedlab Lab Meeting. MIT. April 8, 2013.
- M. Frank, K. Mahowald, and E. Gibson. 2012. Syntactic and lexical alternations in noisy environments. MIT Summer Research Program, 2012.
- K. Mahowald. 2011. Computationally classifying the second person pronoun in Early Modern English. Tedlab Lab Meeting. MIT. October 4, 2011.
- K. Mahowald. 2011. Word order freezing in Old English. Oxford Syntax Working Group. Oxford. February 23, 2011.
- K. Mahowald. 2010. Verb clusters in Old English. 3rd South of England LFG Meeting. SOAS, London. October 23, 2010.

#### STUDENTS SUPERVISED

- Dissertation committee member
- Phill Rogers, UCSB, 2022
- Qualifying paper committee member
- Gabriella Chronis, UT Austin, 2022
- Master's theses supervised
- Jaylen Pittman, UCSB, 2020-2021
- Master's thesis committee member
- Phill Rogers, UCSB, 2021
- Undergraduate theses supervised
- David Arriaza, UCSB, 2020-2021

#### TEACHING

##### **UT Austin**

- Instructor, LIN 313 Language and Computers Fall 2021
- Instructor, LIN 393 What Do Neural Networks Know About Linguistic Structure Spring 2022

##### **University of California Santa Barbara**

- Instructor, LING 226 Cognitive Foundations of Language Fall 2020
- Instructor, LING 127 Psychology of Language Winter 2021
- Instructor, LING 104 Statistical Methods in Linguistics Spring 2021

- Instructor of record for UCSB Linguistics Inclusive teaching initiative for LING 226, LING 127, LING 104 2020-2021

### **Massachusetts Institute of Technology**

- Teaching assistant, MIT 9.59 Lab in Psycholinguistics 2014
  - Received perfect student evaluations.
  - Refined statistics curriculum developed in 2013.
  - Held regular lectures instructing students in R and statistics.
- Teaching assistant, MIT 9.59j Lab in Psycholinguistics 2013
  - Designed and taught data analysis section of lab course. Held regular lectures instructing students in R and statistics.
  - Helped students design, run, and analyze their own psycholinguistics experiments.
  - Won Angus McDonald Award for Undergraduate Teaching.
- Research supervisor 2011-
  - Supervised student for MIT Summer Research Program, 2012
  - Supervised ~ 5 students for UROP (MIT's undergraduate research program)
  - Instructed and advised students in research methods, experimental design, and writing.

### **Guest Lectures**

- 'Language algorithms and AI Ethics', UC Santa Cruz PHIL 190 Ethics of Data and Technology, Fall 2020
- 'Cognitive Science: Language', UCSB 200A, Fall 2020
- 'Language and information', MIT 9.012, Spring 2015
- 'Sound Structure and Communication', MIT 9.012 Cognitive Science (graduate class), Spring 2013
- 'Language and Information Theory', MIT 9.59j Lab in Psycholinguistics, Spring 2013
- 'Introduction to Language', MIT 9.65 Cognitive Processes, Spring 2013

### **SERVICE AND DIVERSITY WORK**

#### **Services**

- 2021-2022, Member, UT Data in the Social & Behavioral Sciences Task Force
- 2021-2022, Member, UT College of Liberal Arts Competitive Scholarship Committee
- 2021-2022, Member, UT Austin Scholarships Committee (for UT Marshall and Rhodes candidates)
- 2021-2022, Member, UT Linguistics Colloquium Committee
- Participant, Undocumented Student Services Mentoring Program
- Member, UCSB Linguistics Inclusive Teaching Initiative
- Committee member, Committee on Climate, Diversity, and Inclusion, Stanford University NLP Group
- Committee member, UCSB National Scholarships Selection Committee
- Reader, Marshall Scholarship Selection Committee, Boston Region
- Member, MIT Distinguished Fellowship Committee
- Volunteer fellowships panelist, Harvard Office of Career Services

#### **Editing and Chairing**

- Area chair, EMNLP 2021
- Area chair, ACL-IJCNLP 2021
- Ethics Committee member, EMNLP 2022
- Guest editor, *Open Mind*

#### **Grant Reviewing**

- 2022, External Evaluator, British Academy/Wolfson Research Professorships
- 2021-2022 Panelist, NSF Education and Human Resources (EHR) CAREER Panel



- 2021-2022 Panelist, NSF Computer and Information Science and Engineering (CISE) Robust Intelligence (RI) Small Grants
- 2021 Ad-hoc reviewer, NSF Education and Human Resources (EHR)

#### **Paper Reviewing**

- 2021, ACL Rolling Review October (2 papers)
- 2021, ACL Rolling Review November (5 papers)
- 2022, ACL Rolling Review January (2 papers)
- 2022, ACL Rolling Review March (1 paper)
- 2022, Reviewer for Human Sentence Processing Conference (8 abstracts)
- 2022, Reviewer for CogSci 2022
- 2022, Glossa
- 2021-2022, Cognition (2x)
- 2022, Cognitive Science (3x)
- 2021-2022, Journal of Memory and Language (4x)
- 2021, PLoS One
- 2021, Psychological Science
- 2021, Open Mind
- *Science*
- *Entropy*
- *Science Advances*
- *Cognitive Science*
- *Memory & Cognition*
- *Journal of Experimental Psychology: Learning, Memory, and Cognition*
- *Open Mind*
- *Journal of Memory and Language*
- *Topics in Cognitive Science*
- *Cognition*
- *Literary and Linguistic Computing*
- Cogsci conference
- *CUNY Sentence Processing Conference 2017, 2018*
- *Events in Language and Cognition 2016*

#### **NON-ACADEMIC POSITIONS**

- Freelance puzzle construction, published in NYT, WSJ, LA Times, GAMES Magazine, Universal Press Syndicate, Chicago Tribune, etc., 2004-
- Spirit Airlines in-flight crossword constructor, 2004-2010
- Assistant to New York Times crossword editor Will Shortz, 2006