

Dan Jurafsky

Department of Linguistics,
Stanford University
Margaret Jacks Hall
Stanford CA 94305-2150

jurafsky@stanford.edu
www.stanford.edu/~jurafsky
FAX: (650) 723-5666

Education

B.A Linguistics, with honors, University of California at Berkeley, 1983

Ph.D. Computer Science, University of California at Berkeley, 1992

Postdoc, International Computer Science Institute, Berkeley, 1992-1995

Academic Employment

Stanford University: Professor and Chair of Linguistics and Professor of Computer Science, 2014-

Stanford University: Professor of Linguistics and (by courtesy) of Computer Science, 2010-

Stanford University: Associate Professor of Linguistics and (by courtesy) of Computer Science, 2004-2010

University of Colorado, Associate Professor of Linguistics, Computer Science, Cognitive Science, 2001-2003

University of Colorado, Assistant Professor of Linguistics, Computer Science, and Cognitive Science, 1996-2001

Honors, Awards, & Fellowships

MacArthur Fellowship, 2003

Fellow, Center for Advanced Study in the Behavioral Sciences, 2012-2013

NSF CAREER Award, 1998

Paper Awards: Best Paper WWW 2013 (*Danescu-Niculescu-Mizil et al 2013*); Best Paper EMNLP 2013 (*Spitkovsky, Alshawi, Jurafsky 2013*); Best Paper ACL 2006 (*Snow, Jurafsky, and Ng 2006*); Distinguished paper IJCAI 2001 (*Gildea & Jurafsky 2001*); Cogsci 1998 Marr Prize Honorable Mention (*Narayanan and Jurafsky 1998*)

Awards for student advisees

Robert M. Golden Medal for outstanding undergraduate thesis: Justine Kao, Stanford, 2011

Robert M. Golden Medal for outstanding undergraduate thesis: Richard Futrell, Stanford, 2010

Firestone Medal for outstanding undergraduate thesis: David Hall, Stanford, 2008

Outstanding Student Paper Award: Gregory, Raymond, Bell, Jurafsky (1999), Society for Text and Discourse

Research

Books and Edited Volumes

1. Jurafsky, Dan. 2014. *The Language of Food*. Pearson.
2. Huang, Chu-Ren and Jurafsky, Dan, eds. 2010. Proceedings of the 23rd International Conference on Computational Linguistics. 1387 pages. Association for Computational Linguistics.
3. Jurafsky, Daniel and James H. Martin. 2009. *Speech and Language Processing: An Introduction to Natural Language Processing, Computational Linguistics, and Speech Recognition*. (2nd Edition.) Prentice-Hall.

4. Jurafsky, Daniel and Eric Gaussier, eds. 2006. Proceedings of the 2006 Conference on Empirical Methods in Natural Language Processing. 627 pages. Association for Computational Linguistics.
5. Eric Fosler-Lussier, William Byrne, and Dan Jurafsky, eds. 2005. Speech Communication Special Issue on Pronunciation Modeling and Lexicon Adaptation, 46:2, June 2005.
6. Fox, Barbara A., Dan Jurafsky and Laura A. Michaelis, (Eds.). 1999. Cognition and Function in Language. CSLI Publications, Stanford, CA.

Refereed Journal Articles

1. Dan Jurafsky, Victor Chahuneau, Bryan R. Routledge, and Noah A. Smith. 2014. Narrative framing of consumer sentiment in online restaurant reviews. *First Monday* 19:4.
2. Heeyoung Lee, Angel Chang, Yves Peirsman, Nathanael Chambers, Mihai Surdeanu, and Dan Jurafsky. 2013. Deterministic Coreference Resolution Based on Entity-Centric, Precision-Ranked Rules. *Computational Linguistics* 39:4, 885-916.
3. McFarland, Daniel A., Christopher D. Manning, Daniel Ramage, Jason Chuang, Jeffrey Heer, and Dan Jurafsky. 2013. Differentiating Language Usage Through Topic Models. *Poetics* 41 (6), 607-625
4. McFarland, Daniel A., Dan Jurafsky, and Craig M. Rawlings. 2013. Making the Connection: Social Bonding in Courtship Situations. *American Journal of Sociology* Vol. 118, No. 6, 1596-1649
5. Rajesh Ranganath, Dan Jurafsky, and Daniel A. McFarland. 2013. Detecting friendly, flirtatious, awkward, and assertive speech in speed-dates. *Computer Speech and Language* 27:1, 89-115.
6. Michael Levin, Stefan Krawczyk, Steven Bethard, and Dan Jurafsky. 2012. Citation-based bootstrapping for large-scale author disambiguation. *Journal of the American Society for Information Science and Technology* 63:5, 1030-1047.
7. Joshua Freedman and Dan Jurafsky. 2011. Authenticity in America: Class Distinctions in Potato Chip Advertising. *Gastronomica* 11, 4: 46-54.
8. Sasha Calhoun, Jean Carletta, Jason M. Brenier, Neil Mayo, Dan Jurafsky, Mark Steedman, and David Beaver. 2010. The NXT-format Switchboard Corpus: a rich resource for investigating the syntax, semantics, pragmatics and prosody of dialogue. *Language Resources & Evaluation* 44:387-419.
9. Sharon Goldwater, Dan Jurafsky, and Christopher D. Manning. 2010. Which words are hard to recognize? Prosodic, lexical, and disfluency factors that increase speech recognition error rates. *Speech Communication* 52, 181-200.
10. Sebastian Pado, Daniel Cer, Michel Galley, Dan Jurafsky, and Christopher D. Manning. 2009. Measuring Machine Translation Quality as Semantic Equivalence: A Metric Based on Entailment Features. *Machine Translation* 23:2-3, 181-193.
11. Yuan Zhao and Dan Jurafsky. 2009. The effect of lexical frequency and Lombard reflex on tone hyperarticulation. *Journal of Phonetics* 27:2, 231-247.
12. Alan Bell, Jason Brenier, Michelle Gregory, Cynthia Girand, and Dan Jurafsky. 2009. Predictability effects on durations of content and function words in conversational English. *Journal of Memory and Language* 60:1, 92-111.
13. Sameer Pradhan, Kadri Hacioglu, Valerie Krugler, Wayne Ward, James H. Martin and Daniel Jurafsky. 2005. Support vector learning for semantic argument classification. *Machine Learning* 60:1-3, 11-39.
14. Susanne Gahl, Daniel Jurafsky, and Douglas Roland. 2004. Verb subcategorization frequencies: American English corpus data, methodological studies, and cross-corpus comparisons. *Behavior Research Methods, Instruments, & Computers* 36, 432-443.

15. Alan Bell, Daniel Jurafsky, Eric Fosler-Lussier, Cynthia Girand, and Daniel Gildea. 2003. Effects of disfluencies, predictability, and utterance position on word form variation in English conversation. *Journal of the Acoustical Society of America* 113 (2), 1001–1024.
16. Daniel Gildea and Daniel Jurafsky. 2002. Automatic labeling of semantic roles. *Computational Linguistics* 28:3, 245–288.
17. Stolcke, Andreas, Klaus Ries, Noah Coccaro, Elizabeth Shriberg, Rebecca Bates, Daniel Jurafsky, Paul Taylor, Rachel Martin, Marie Meteer, and Carol Van Ess-Dykema. 2000. Dialog act modeling for automatic tagging and recognition of conversational speech. *Computational Linguistics* 26:3, 339–371.
18. Shriberg, Elizabeth, Rebecca Bates, Paul Taylor, Andreas Stolcke, Daniel Jurafsky, Klaus Ries, Noah Coccaro, Rachel Martin, Marie Meteer, and Carol Van Ess-Dykema. 1998. Can prosody aid the automatic classification of dialog acts in conversational speech? *Language and Speech* 41:3-4, 439–487.
19. Jurafsky, Daniel. 1996a. A probabilistic model of lexical and syntactic access and disambiguation. *Cognitive Science* 20, 137–194.
20. Jurafsky, Daniel. 1996b. Universal tendencies in the semantics of the diminutive. *Language* 72, 533–578.
21. Gildea, Daniel, & Daniel Jurafsky. 1996. Learning bias and phonological induction. *Computational Linguistics* 22, 497–530.

Refereed Book Chapters

1. Mona Diab, Kadri Hacioglu, and Daniel Jurafsky. 2007. Automated Methods for Processing Arabic Text: From Tokenization to Base Phrase Chunking. Chapter 9 (pp. 159–180) in *Arabic Computational Morphology: Knowledge-based and Empirical Methods*, Vol. 38 of Text, Speech and Language Technology Series, edited by A. Soudi, A. van den Bosch, and G. Neumann. Springer.
2. Steven Bethard, Hong Yu, Ashley Thornton, Vasileios Hatzivassiloglou, and Dan Jurafsky. 2005. Extracting opinion propositions and opinion holders using syntactic and lexical cues. In James G. Shanahan, Yan Qu, and Janyce Wiebe, editors, *Computing Attitude and Affect in Text: Theory and Applications*, 125–142. Springer.
3. Doug Roland and Daniel Jurafsky. 2002. Verb sense and verb subcategorization probabilities. In Stevenson, Suzanne, and Paola Merlo (eds.), *The Lexical Basis of Sentence Processing: Formal, Computational, and Experimental Issues*. 325–346. Amsterdam: John Benjamins.
4. Daniel Jurafsky, Alan Bell, and Cynthia Girand. 2002. The Role of the Lemma in Form Variation. In Gussenhoven, Carlos and Natasha Warner (eds.), "Papers in Laboratory Phonology VII". Berlin/New York: Mouton de Gruyter, 1–34.
5. Gildea, Daniel and Daniel Jurafsky. 2002. Identifying Semantic Relations in Text. In Gerhard Lakemeyer and Bernhard Nebel (eds.) *Exploring AI in the New Millenium*, pp. 69–102. Morgan Kaufmann.
6. Jurafsky, Daniel, Alan Bell, Michelle Gregory, and William D. Raymond. 2001. Probabilistic Relations between Words: Evidence from Reduction in Lexical Production. In Bybee, Joan and Paul Hopper (eds.). *Frequency and the emergence of linguistic structure*. 229–254. Amsterdam: John Benjamins.

Invited Book Chapters

1. Daniel Jurafsky. 2004. Pragmatics and Computational Linguistics. In Laurence R. Horn & Gregory Ward (eds.) *Handbook of Pragmatics*. Blackwell. 578–604.
2. Daniel Jurafsky. 2003. Probabilistic Modeling in Psycholinguistics: Linguistic Comprehension and Production. In R. Bod, J. Hay and S. Jannedy (eds.), 2003. *Probability Theory in Linguistics*, pp. 39–96. The MIT Press.

Refereed Conference Papers

1. Sebastian Schuster, Stephanie Pancoast, Milind Ganjoo, Michael C. Frank, and Dan Jurafsky. 2014. Speaker-Independent Detection of Child-Directed Speech. Proceedings of IEEE SLT-2014.
2. Tim Althoff, Cristian Danescu-Niculescu-Mizil, and Dan Jurafsky. 2014. How to Ask for a Favor: A Case Study on the Success of Altruistic Requests. Proceedings of ICWSM 2014.
3. Rob Voigt, Robert J. Podesva, and Dan Jurafsky. 2014. Speaker Movement Correlates with Prosodic Indicators of Engagement. Proceedings of Speech Prosody 2014.
4. Vogel, Adam, Andrés Gómez Emilsson, Michael C. Frank, Dan Jurafsky, and Christopher Potts. 2014. Learning to reason pragmatically with cognitive limitations. Proceedings of the Cognitive Science Society.
5. Elie Bursztein, Angélique Moscicki, Celine Fabry, Steven Bethard, John C. Mitchell, and Dan Jurafsky. 2014. Easy Does It: More Usable CAPTCHAs. Proceedings of ACM CHI 2014.
6. Heeyoung Lee, Mihai Surdeanu, Bill MacCartney, Dan Jurafsky. 2014. On the Importance of Text Analysis for Stock Price Prediction. Proceedings of LREC 2014.
7. Kevin Reschke, Martin Jankowiak, Mihai Surdeanu, Christopher Manning and Dan Jurafsky. 2014. Event Extraction Using Distant Supervision. Proceedings of LREC 2014.
8. Valentin I. Spitkovsky, Hiyan Alshawi, and Daniel Jurafsky. 2013. Breaking Out of Local Optima with Count Transforms and Model Recombination: A Study in Grammar Induction. EMNLP 2013. Best Paper Award.
9. Daniel Cer, Christopher D. Manning and Dan Jurafsky. 2013. Positive Diversity Tuning for Machine Translation System Combination. Proceedings of the Eighth Workshop on Statistical Machine Translation (WMT 2013)
10. Cristian Danescu-Niculescu-Mizil, Robert West, Dan Jurafsky, Jure Leskovec, Christopher Potts. 2013. No country for old members: User lifecycle and linguistic change in online communities. Proceedings of WWW 2013. Best Paper Award.
11. Vogel, Adam, Max Bodoia, Dan Jurafsky, and Christopher Potts. 2013. Emergence of Gricean maxims from multi-agent decision theory. Proceedings of HLT NAACL 2013.
12. Cristian Danescu-Niculescu-Mizil, Moritz Sudhof, Dan Jurafsky, Jure Leskovec, and Christopher Potts. 2013. A computational approach to politeness with application to social factors. Proceedings of ACL 2013.
13. Marta Recasens, Cristian Danescu-Niculescu-Mizil, and Dan Jurafsky. 2013. Linguistic Models for Analyzing and Detecting Biased Language. 2013. Proceedings of ACL 2013.
14. Marta Recasens, Matthew Can, and Dan Jurafsky. 2013. Same Referent, Different Words: Unsupervised Mining of Opaque Coreferent Mentions. Proceedings of NAACL 2013.
15. Rob Voigt and Dan Jurafsky. 2013. Tradition and Modernity in 20th Century Chinese Poetry. NAACL Second Workshop on Computational Linguistics for Literature.
16. Julian J. McAuley, Jure Leskovec, Dan Jurafsky. 2012. Learning attitudes and attributes from multi-aspect reviews. International Conference on Data Mining
17. Valentin I. Spitkovsky, Hiyan Alshawi, and Daniel Jurafsky. 2012. Bootstrapping Dependency Grammar Inducers from Incomplete Sentence Fragments via Austere Models. In Proceedings of the 11th International Conference on Grammatical Inference (ICGI 2012).
18. Heeyoung Lee, Marta Recasens, Angel Chang, Mihai Surdeanu, and Dan Jurafsky. 2012. Joint Entity and Event Coreference Resolution across Documents. In Proceedings of the Conference on Empirical Methods in Natural Language Processing and Computational Natural Language Learning (EMNLP-CoNLL).

19. Valentin I. Spitzkovsky, Hiyan Alshawi, and Daniel Jurafsky. 2012. Three Dependency-and-Boundary Models for Grammar Induction. EMNLP-CoNLL 2012.
20. Adam Vogel and Dan Jurafsky. 2012. He Said, She Said: Gender in the ACL Anthology. ACL Workshop on Rediscovering 50 Years of Discoveries.
21. Ashton Anderson, Dan McFarland, and Dan Jurafsky. 2012. Towards a Computational History of the ACL: 1980-2008. ACL Workshop on Rediscovering 50 Years of Discoveries.
22. Justine Kao and Dan Jurafsky. 2012. A Computational Analysis of Style, Affect, and Imagery in Contemporary Poetry. NAACL Workshop on Computational Linguistics for Literature.
23. Rob Voigt and Dan Jurafsky. 2012. Towards a Literary Machine Translation: The Role of Referential Cohesion. NAACL Workshop on Computational Linguistics for Literature.
24. Valentin I. Spitzkovsky, Hiyan Alshawi, and Daniel Jurafsky. 2012. Capitalization Cues Improve Dependency Grammar Induction. In NAACL HLT 2012 Workshop on Inducing Linguistic Structure (WILS 2012)
25. Gabor Angeli, Chris Manning, Dan Jurafsky. 2012. Parsing Time: Learning to Interpret Time Expressions. North American Chapter of the Association for Computational Linguistics (NAACL) 2012.
26. Valentin I. Spitzkovsky, Hiyan Alshawi, Angel X. Chang, and Daniel Jurafsky. 2011. Unsupervised Dependency Parsing without Gold Part-of-Speech Tags. Proceedings of the 2011 Conference on Empirical Methods in Natural Language Processing (EMNLP 2011).
27. Valentin I. Spitzkovsky, Hiyan Alshawi, and Daniel Jurafsky. 2011. Lateen EM: Unsupervised Training with Multiple Objectives, Applied to Dependency Grammar Induction. Proceedings of the 2011 Conference on Empirical Methods in Natural Language Processing (EMNLP 2011).
28. Nathanael Chambers and Dan Jurafsky. 2011. Template-Based Information Extraction without the Templates. ACL-2011, Portland, OR.
29. Valentin I. Spitzkovsky, Hiyan Alshawi, and Daniel Jurafsky. 2011. Punctuation: Making a Point in Unsupervised Dependency Parsing. In Proceedings of the Fifteenth Conference on Computational Natural Language Learning (CoNLL-2011)
30. Heeyoung Lee, Yves Peirsman, Angel Chang, Nathanael Chambers, Mihai Surdeanu, Dan Jurafsky. 2011. Stanford's Multi-Pass Sieve Coreference Resolution System at the CoNLL-2011 Shared Task. Proceedings of CoNLL 2011.
31. Nikhil Johri, Daniel Ramage, Daniel A. McFarland, Dan Jurafsky. 2011. A Study of Academic Collaborations in Computational Linguistics using a Latent Mixture of Authors Model. In ACL 2011 Workshop on Language Technology for Cultural Heritage, Social Sciences, and Humanities.
32. Ramesh Nallapati, Xiaolin Shi, Dan McFarland, Jure Leskovec and Daniel Jurafsky. 2011. LeadLag LDA: Estimating Topic Specific Leads and Lags of Information Outlets. Proceedings of ICWSM.
33. Andrey Gusev, Nathanael Chambers, Divye Raj Khilnani, Pranav Khaitan, Steven Bethard, and Dan Jurafsky. 2011. Using query patterns to learn the duration of events. In International Conference on Computational Semantics, 2011
34. Xiaolin Shi, Ramesh Nallapati, Jure Leskovec, Dan McFarland and Dan Jurafsky. 2010. Who Leads Whom: Topical Lead-Lag analysis across corpora. NIPS Workshop on Computational Social Science and Wisdom of Crowds.
35. Adam Vogel, Karthik Raghunathan, and Dan Jurafsky. Eye Spy: Improving Vision through Dialog. Dialog with Robots: Papers from the AAAI Fall Symposium (FS-10-05).
36. Karthik Raghunathan, Heeyoung Lee, Sudarshan Rangarajan, Nathanael Chambers, Mihai Surdeanu, Dan Jurafsky, and Christopher Manning. A Multi-Pass Sieve for Coreference Resolution. Proceedings EMNLP-2010.

37. Steven Bethard and Dan Jurafsky. 2010. Who should I cite? Learning literature search models from citation behavior. In *ACM Conference on Information and Knowledge Management*.
38. Valentin I. Spitzkovsky, Daniel Jurafsky, and Hiyan Alshawi. 2010. Profiting from Mark-Up: Hyper-Text Annotations for Guided Parsing. In *Proceedings of ACL-2010, Uppsala, Sweden*.
39. Adam Vogel and Dan Jurafsky. 2010. Learning to Follow Navigational Directions. In *Proceedings of ACL-2010, Uppsala, Sweden*.
40. Nathanael Chambers and Dan Jurafsky. 2010. Improving the Use of Pseudo-Words for Evaluating Selectional Preferences. *ACL-2010, Uppsala, Sweden*.
41. Elie Bursztein, Steven Bethard, John C. Mitchell, Dan Jurafsky, and Celine Fabry. How good are humans at solving CAPTCHAs? A large scale evaluation. In *IEEE Symposium on Security and Privacy, 2010*.
42. Daniel Cer, Michel Galley, Daniel Jurafsky and Christopher Manning. 2010. Phrasal: A Toolkit for Statistical Machine Translation with Facilities for Extraction and Incorporation of Arbitrary Model Features. *Proceedings of NAACL 2010 Demo Session*.
43. Daniel Cer , Daniel Jurafsky and Christopher Manning. 2010. The Best Lexical Metric for Phrase-Based Statistical MT System Optimization. *Proceedings of NAACL 2010*.
44. Sharon Goldwater, Dan Jurafsky, and Christopher D. Manning. 2010. Which words are hard to recognize? Prosodic, lexical, and disfluency factors that increase speech recognition error rates. *Speech Communication* 52, 181-200.
45. Valentin I. Spitzkovsky, Hiyan Alshawi, Daniel Jurafsky, and Christopher D. Manning. 2010. Viterbi Training Improves Unsupervised Dependency Parsing. In *Proceedings of CoNLL-2010*.
46. Valentin I. Spitzkovsky, Hiyan Alshawi, and Daniel Jurafsky. 2010. From Baby Steps to Leapfrog: How “Less is More” in Unsupervised Dependency Parsing. In *Proceedings of NAACL HLT 2010*.
47. Daniel Cer, Marie-Catherine de Marneffe, Daniel Jurafsky and Christopher D. Manning. 2010. Parsing to Stanford Dependencies: Trade-offs between speed and accuracy. In *Proceedings of LREC-10, Malta*.
48. Nathanael Chambers and Dan Jurafsky. 2010. A Database of Narrative Schemas. *LREC-2010, Malta*.
49. Yun-Hsuan Sung and Dan Jurafsky. 2009. Hidden Conditional Random Fields for Phone Recognition. *Proceedings of IEEE ASRU*.
50. Mike Mintz, Steven Bills, Rion Snow, and Dan Jurafsky. 2009. Distant supervision for relation extraction without labeled data. *Proceedings of ACL-IJCNLP 2009*.
51. Nathanael Chambers and Dan Jurafsky. 2009. Unsupervised Learning of Narrative Schemas and their Participants. *Proceedings of ACL-IJCNLP 2009*.
52. Sebastian Pado, Michel Galley, Dan Jurafsky, and Christopher D. Manning. Robust Machine Translation Evaluation with Entailment Features. *Proceedings of ACL-IJCNLP 2009*.
53. Rajesh Ranganath, Dan Jurafsky, and Dan McFarland. 2009. It’s Not You, it’s Me: Detecting Flirting and its Misperception in Speed-Dates. *Proceedings of EMNLP 2009*.
54. Dan Jurafsky, Rajesh Ranganath, and Dan McFarland. 2009. Extracting Social Meaning: Identifying Interactional Style in Spoken Conversation. *Proceedings of NAACL HLT 2009*.
55. Pi-Chuan Chang, Huihsin Tseng, Dan Jurafsky, and Christopher D. Manning. 2009. Discriminative Reordering with Chinese Grammatical Relations Features. *NAACL 2009 Third Workshop on Syntax and Structure in Statistical Translation*.
56. Dan Jurafsky, Rajesh Ranganath, and Dan McFarland. 2009. Extracting Social Meaning: Identifying Interactional Style in Spoken Conversation. *Proceedings of NAACL HLT 2009*.

57. Sebastian Pado, Michel Galley, Dan Jurafsky, and Christopher D. Manning. 2009. Textual Entailment Features for Machine Translation Evaluation. Proceedings of the EACL 2009 Fourth Workshop on Statistical Machine Translation.
58. Pi-Chuan Chang, Dan Jurafsky and Christopher D. Manning. 2009. Disambiguating "DE" for Chinese-English Machine Translation. Proceedings of the EACL 2009 Fourth Workshop on Statistical Machine Translation.
59. David Hall, Daniel Jurafsky, and Christopher D. Manning. 2008. Studying the History of Ideas Using Topic Models. In Proceedings of EMNLP 2008.
60. Rion Snow, Brendan O'Connor, Daniel Jurafsky and Andrew Y. Ng. 2008. Cheap and Fast - But is it Good? Evaluating Non-Expert Annotations for Natural Language Tasks. In Proceedings of EMNLP 2008.
61. Nathanael Chambers and Dan Jurafsky. 2008. Jointly Combining Implicit Constraints Improves Temporal Ordering. In Proceedings of EMNLP 2008, 698-706.
62. Nathanael Chambers and Dan Jurafsky. 2008. Unsupervised Learning of Narrative Event Chains. In ACL/HLT 2008, 789-797
63. Sharon Goldwater, Dan Jurafsky, and Christopher D. Manning. 2008. Which words are hard to recognize? Lexical, prosodic, and disfluency factors that increase ASR error rates. In ACL/HLT 2008, 380-388.
64. Yun-Hsuan Sung, Constantinos Boulis, and Dan Jurafsky. 2008. Maximum Conditional Likelihood Linear Regression and Maximum A Posteriori for Hidden Conditional Random Fields Speaker Adaptation. IEEE ICASSP 2008, 4293-4296.
65. Daniel Cer, Daniel Jurafsky, and Christopher D. Manning. 2008. Regularization and Search for Minimum Error Rate Training. Proceedings of the Third Workshop on Statistical Machine Translation.
66. Vivek Kumar Rangarajan Sridhar, Ani Nenkova, Shrikanth Narayanan and Dan Jurafsky. 2008. Detecting prominence in conversational speech: pitch accent, givenness and focus. In Proceedings of Speech Prosody, Campinas, Brazil.
67. Yun-Hsuan Sung, Constantinos Boulis, Christopher Manning and Dan Jurafsky. 2007. Regularization, Adaptation, and Non-Independent Features Improve Hidden Conditional Random Fields for Phone Classification. In IEEE ASRU 2007, 347-352.
68. Surabhi Gupta, John Niekrasz, Matthew Purver, and Dan Jurafsky. 2007. Resolving "You" in Multi-Party Dialog. Sigdial 2007. Antwerp, Belgium.
69. Rion Snow, Sushant Prakash, Daniel Jurafsky, and Andrew Y. Ng. 2007. Learning to merge word senses. In Proceedings of EMNLP 2007
70. Volker Strom, Ani Nenkova, Robert Clark, Yolanda Vazquez-Alvarez, Jason Brenier, Simon King, and Dan Jurafsky. 2007. Modelling Prominence and Emphasis Improves Unit-Selection Synthesis. Interspeech 2007.
71. Nathanael Chambers, Shan Wang and Dan Jurafsky. 2007. Classifying Temporal Relations Between Events. Proceedings of ACL 2007 short papers, Prague, Czech Republic.
72. Yuan Zhao and Dan Jurafsky. 2007. The Effect of Lexical Frequency on Tone Production. Proceedings of ICPHS 2007, 477-480.
73. Surabhi Gupta, Matthew Purver and Dan Jurafsky. 2007. Disambiguating Between Generic and Referential "You" in Dialog. Proceedings of ACL 2007 short papers, Prague, Czech Republic.
74. Surabhi Gupta, Ani Nenkova and Dan Jurafsky. Measuring Importance and Query Relevance in Topic-focused Multi-document Summarization. Proceedings of ACL 2007 short papers, Prague, Czech Republic.

75. Ani Nenkova, Jason Brenier, Anubha Kothari, Sasha Calhoun, Laura Whitton, David Beaver, and Dan Jurafsky. 2007. To Memorize or to Predict: Prominence Labeling in Conversational Speech. NAACL-HLT 2007.
76. Rion Snow, Dan Jurafsky, and Andrew Y. Ng. 2006. Semantic taxonomy induction from heterogenous evidence. Proceedings of COLING/ACL 2006, Sydney. *Best Paper Award*.
77. Constance Clarke and Dan Jurafsky. 2006. Limitations of MLLR Adaptation with Spanish-Accented English: An Error Analysis. Proceedings of INTERSPEECH-2006.
78. Filip Krsmanovic, Curtis Spencer, Daniel Jurafsky, and Andrew Y. Ng. 2006. Have we met? MDP Based Speaker ID for Robot Dialogue. Proceedings of INTERSPEECH-2006.
79. Cheng-Tao Chu, Yun-Hsuan Sung, Yuan Zhao, and Dan Jurafsky. 2006. Detection of Word Fragments in Mandarin Telephone Conversation. Proceedings of INTERSPEECH-2006.
80. Yuan, Jiahong and Dan Jurafsky. 2005. Detection of Questions in Chinese Conversation Proceedings of IEEE ASRU 2005.
81. Yuan, Jiahong, Jason M. Brenier, and Dan Jurafsky. 2005. Pitch Accent Prediction: Effects of Genre and Speaker. In Proceedings of INTERSPEECH-05.
82. Huihsin Tseng, Pichuan Chang, Galen Andrew, Daniel Jurafsky, and Christopher Manning. 2005. A Conditional Random Field Word Segmenter. Proceedings of the Fourth SIGHAN Workshop on Chinese Language Processing.
83. Huihsin Tseng, Daniel Jurafsky, and Christopher Manning. 2005. Morphological features help POS tagging of unknown words across language varieties. Proceedings of the Fourth SIGHAN Workshop on Chinese Language Processing.
84. Jason M. Brenier, Daniel Cer and Daniel Jurafsky. 2005. The Detection of Emphatic Words Using Acoustic and Lexical Features. In *Proceedings of INTERSPEECH-05*.
85. Yanli Zheng, Richard Sproat, Liang Gu, Izhak Shafran, Haolang Zhou, Yi Su, Dan Jurafsky, Rebecca Starr and Su-Youn Yoon. 2005. Accent Detection and Speech Recognition for Shanghai-Accented Mandarin. In *Proceedings of INTERSPEECH-05*.
86. Yuan, Zhao and Dan Jurafsky. 2005. A preliminary study of Mandarin filled pauses. Proceedings of DiSS'05, Disfluency in Spontaneous Speech Workshop.
87. Pradhan, Sameer, Wayne Ward, Kadri Hacioglu, Jim Martin, and Dan Jurafsky. 2005. Semantic Role Labeling Using Different Syntactic Views. Proceedings of ACL-2005.
88. Rion Snow, Daniel Jurafsky, and Andrew Y. Ng. 2005. Learning syntactic patterns for automatic hypernym discovery. Proceedings of NIPS 2004.
89. Diab, Mona, Kadri Hacioglu, and Daniel Jurafsky. 2004. Automatic Tagging of Arabic Text: From Raw Text to Base Phrase Chunks. In Proceedings of North American Association of Computational Linguistics NAACL-HLT-2004.
90. Pradhan, Sameer, Honglin Sun, Wayne Ward, James H. Martin, and Daniel Jurafsky. 2004. Parsing Arguments of Nominalizations in English and Chinese. In Proceedings of North American Association of Computational Linguistics NAACL-HLT-2004.
91. Steven Bethard, Hong Yu, Ashley Thornton, Vasileios Hativassiloglou, and Dan Jurafsky. 2004. Automatic Extraction of Opinion Propositions and their Holders. In Proceedings of AAAI Spring Symposium on Exploring Attitude and Affect in Text.
92. Honglin Sun and Daniel Jurafsky. 2004. Shallow Semantic Parsing of Chinese. In Proceedings of North American Association of Computational Linguistics NAACL-HLT-2004.

93. Pradhan, Sameer, Kadri Hacioglu, Wayne Ward, James Martin, and Dan Jurafsky. 2004. Shallow Semantic Parsing using Support Vector Machines. *Proceedings of North American Association of Computational Linguistics NAACL-HLT-2004*.
94. Pradhan, Sameer, Kadri Hacioglu, Wayne Ward, James H. Martin, and Daniel Jurafsky. 2003. Semantic Role Parsing: Adding Semantic Structure to Unstructured Text. In *Proceedings of the International Conference on Data Mining (ICDM-2003)*.
95. Sun, Honglin and Dan Jurafsky. 2003. The Effect of Rhythm on Structural Disambiguation in Chinese. *Proceedings of the Annual Conference of the Association of Computational Linguistics Special Interest Group on Chinese (SIGHAN-03)*.
96. Gahl, Susanne, Lise Menn, Gail Ramsberger, Daniel Jurafsky, Elizabeth Elder, Molly Rewega and Audrey L. Holland. 2003. Syntactic frame and verb bias in aphasia: Plausibility judgments of undergoer-subject sentences. *Brain and Cognition* 53/2 223-228. (Theoretical and Experimental Neuropsychology (TENNET) Conference Proceedings special issue).
97. Ikeno, Ayako, Bryan Pellom, Dan Cer, Ashley Thornton, Jason M. Brenier, Dan Jurafsky, Wayne Ward, William Byrne. 2003. Issues in Recognition of Spanish-Accented Spontaneous English. In *Proceedings of IEEE/ISCA Workshop on Spontaneous Speech Processing and Recognition*, Tokyo, Japan.
98. Narayanan, Srinu and Daniel Jurafsky. 2002. A Bayesian Model Predicts Human Parse Preference and Reading Time in Sentence Processing. In *Advances in Neural Information Processing Systems 14*, T. G. Dietterich, S. Becker, and Z. Ghahramani (Eds.). Cambridge: MIT Press. 59-65.
99. Ward, Wayne, Holly Krech, Xiuyang Yu, Keith Herold, George Figs, Ayako Ikeno, and Dan Jurafsky. 2002. Lexicon adaptation for LVCSR: Speaker idiosyncracies, non-native speakers, and pronunciation choice. In *Proceedings of ISCA Workshop on Pronunciation Modeling and Lexicon Adaptation (PMLA-2002)*.
100. Bell, Alan, Michelle L. Gregory, Daniel Jurafsky, Cynthia Girand, Jason Brenier, and Ayako Ikeno. 2002. Which predictability measures affect content word durations? In *Proceedings of ISCA Workshop on Pronunciation Modeling and Lexicon Adaptation (PMLA-2002)*.
101. Daniel Jurafsky. 2001. Knowledge-Free Induction of Inflectional Morphologies. In *Proceedings of North American Association of Computational Linguistics 2001*.
102. Schone, Patrick and Daniel Jurafsky. 2001. Is Knowledge-Free Induction of Multiword Unit Dictionary Headwords a Solved Problem? In *Proceedings of Empirical Methods in Natural Language Processing 2001*.
103. Schone, Patrick and Daniel Jurafsky. 2001. Language-Independent Induction of Part of Speech Class Labels Using Only Language Universals. In *IJCAI-2001 Workshop "Text Learning: Beyond Supervision"*, 53-60.
104. Jurafsky, Dan, Wayne Ward, Zhang Jianping, Keith Herold, Yu Xiuyang, and Zhang Sen. 2001. What Kind of Pronunciation Variation is Hard for Triphones to Model? In *Proceedings of IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP-01)* I.577-580, Salt Lake City, Utah.
105. Jurafsky, Daniel, Alan Bell, Michelle Gregory, and William D. Raymond. 2001. The Effect of Language Model Probability on Pronunciation Reduction. In *Proceedings of IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP-01)* II.801-804, Salt Lake City, Utah.
106. Roland, Douglas, Daniel Jurafsky, Lise Menn, Susanne Gahl, Elizabeth Elder and Chris Riddoch. 2000. Verb Subcategorization Frequency Differences between Business-News and Balanced Corpora: the role of verb sense. In *Proceedings of the Association for Computational Linguistics (ACL-2000) Workshop on Comparing Corpora*.
107. Daniel Jurafsky. 2000. Knowledge-Free Induction of Morphology using Latent Semantic Analysis. In *Proceedings of the Conference on Computational Natural Language Learning (CoNLL-2000)*.
108. Daniel Jurafsky. 2000. Automatic Labeling of Semantic Roles. In *Proceedings of 38th Annual Meeting of the Association for Computational Linguistics (ACL 2000)*.

109. Ide, Nancy, Catherine Macleod, Charles Fillmore, and Daniel Jurafsky. 2000. The American National Corpus: An outline of the project. In *Proceedings of International Conference on Artificial and Computational Intelligence (ACIDCA-2000)*.
110. Gregory, Michelle L., William D. Raymond, Alan Bell, Eric Fosler-Lussier, and Daniel Jurafsky. 2000. The effects of collocational strength and contextual predictability in lexical production. *Proceedings of the Chicago Linguistic Society (CLS 35)*, 151–166. Chicago: University of Chicago.
111. Bell, Alan, Daniel Jurafsky, Eric Fosler-Lussier, Cynthia Girand, and Daniel Gildea. 1999. Forms of English function words – Effects of disfluencies, turn position, age and sex, and predictability. *Proceedings of the International Conference on the Phonetic Sciences (ICPhS-99)*. I. 395–398.
112. Jurafsky, Daniel, Alan Bell, Eric Fosler-Lussier, Cynthia Girand, and William D. Raymond. 1998. Reduction of English function words in Switchboard. In *Proceedings of the International Conference on Spoken Language Processing (ICSLP-98)*, Vol. 7, p. 3111–3114.
113. Noah Coccaro and Daniel Jurafsky. 1998. Towards Better Integration of Semantic Predictors in Statistical Language Modeling. In *Proceedings of the International Conference on Spoken Language Processing (ICSLP-98)*, Vol. 6, p. 2403–2406.
114. Jurafsky, Daniel, Elizabeth E. Shriberg, Barbara Fox, and Traci Curl. 1998. Lexical, Prosodic, and Syntactic Cues for Dialog Acts. In *proceedings of the ACL/COLING-98 Workshop on Discourse Relations and Discourse Markers*, 114–120.
115. Roland, Doug and Daniel Jurafsky. 1998. How Verb Subcategorization Frequencies Are Affected By Corpus Choice. In *Proceedings of the Association for Computational Linguistics (COLING/ACL-98)*, 1122–1128.
116. Narayanan, Srini and Daniel Jurafsky. 1998. Bayesian Models of Human Sentence Processing. In *Proceedings of the Annual Conference of the Cognitive Science Society (Cogsci-98)*, 752–757.
117. Fillmore, Charles, Nancy Ide, Daniel Jurafsky, and Catherine Macleod. 1998. An American National Corpus: A Proposal. *Proceedings of the First International Conference on Language Resources and Evaluation*, 965–970. Granada.
118. Stolcke, Andreas, Elizabeth Shriberg, Rebecca Bates, Noah Coccaro, Daniel Jurafsky, Rachel Martin, Marie Meteer, Klaus Ries, Paul Taylor, and Carol Van Ess-Dykema. 1998. Dialog act modeling for conversational speech. *Papers from the AAAI Spring Symposium on Applying Machine Learning to Discourse Processing*, TR SS-98-01, 98–105. AAAI Press.
119. Jurafsky, Daniel, Rebecca Bates, Noah Coccaro, Rachel Martin, Marie Meteer, Klaus Ries, Elizabeth Shriberg, Andreas Stolcke, Paul Taylor, and Carol Van Ess-Dykema. 1997. Automatic detection of discourse structure for speech recognition and understanding. In *Proceedings of the 1997 IEEE Workshop on Speech Recognition and Understanding*, 88–95, Santa Barbara. IEEE.
120. Koenig, Jean-Pierre, & Daniel Jurafsky. 1995. Type underspecification and on-line type construction in the lexicon. In *West Coast Conference on Formal Linguistics (WCCFL-94)*, 270–285.
121. Tajchman, Gary, Eric Fosler, & Daniel Jurafsky. 1995a. Building multiple pronunciation models for novel words using exploratory computational phonology. In *Eurospeech-95*. 2247–2250.
122. Tajchman, Gary, Daniel Jurafsky, & Eric Fosler. 1995b. Learning phonological rule probabilities from speech corpora with exploratory computational phonology. In *Proceedings of the Association for Computational Linguistics (ACL-95)*, 1–8, Cambridge, MA.
123. Gildea, Dan, & Dan Jurafsky. 1995. Automatic induction of finite state transducers for simple phonological rules. In *Proceedings of the Association of Computational Linguistics (ACL-95)*, 9–15, Cambridge, MA.
124. Jurafsky, Daniel, Chuck Wooters, Gary Tajchman, Jonathan Segal, Andreas Stolcke, Eric Fosler, & Nelson Morgan. 1995. Using a stochastic context-free grammar as a language model for speech recognition. In *Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing (IEEE ICASSP-95)*, 189–192.

125. Jurafsky, Daniel, Chuck Wooters, Gary Tajchman, Jonathan Segal, Andreas Stolcke, Eric Fosler, & Nelson Morgan. 1994a. The Berkeley restaurant project. In *Proceedings of the International Conference on Spoken Language Processing (ICSLP-94)*, 2139–2142, Yokohama, Japan.
126. Jurafsky, Daniel, Chuck Wooters, Gary Tajchman, Jonathan Segal, Andreas Stolcke, & Nelson Morgan. 1994b. Integrating advanced models of syntax, phonology, and accent/dialect with a speech recognizer. In *AAAI Workshop on Integrating Speech and Natural Language Processing*, 107–115, Seattle.
127. Jurafsky, Daniel. 1993. Universals in the semantics of the diminutive. In *Proceedings of Berkeley Linguistics Society (BLS 19)*, 423–436, Berkeley, CA.
128. Jurafsky, Daniel. 1992a. An on-line computational model of human sentence interpretation. In *Proceedings of the National Conference on Artificial Intelligence (AAAI-92)*, 302–308.
129. Jurafsky, Daniel. 1991. An on-line model of human sentence interpretation. In *Proceedings of the 13th Annual Conference of the Cognitive Science Society (COGSCI-91)*, 449–454.
130. Jurafsky, Daniel. 1988b. On the semantics of the Cantonese changed tone. In *Proceedings of Berkeley Linguistics Society (BLS 14)*, 304–318, Berkeley, CA.

Recent Service

Chair, Stanford Linguistics Department

Panelist, NSF 2013, 2009, Swiss National Science Foundation, 2004

Program Co-Chair, COLING-2010 (International Conference on Computational Linguistics)

Chair, ACL SIGHAN (ACL Special Interest Group on Chinese Natural Language Processing) (2009–2011)

Associate Director, LSA Summer Institute, Stanford, 2007

Co-Chair, Conference on Empirical Methods in Natural Language Processing 2006 (EMNLP-2006)

Past Editorial Boards: *Computer Speech and Language*, *Computational Linguistics*