





## Christopher Manning

Thomas M. Siebel Professor in Machine Learning, Professor of Linguistics and of Computer Science

 NIH Biosketch available Online

 Curriculum Vitae available Online

 Resume available Online

### CONTACT INFORMATION

- **Administrator**

Suzanne Lessard - Administrative Associate

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### Bio

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#### BIO

Christopher Manning is a professor of computer science and linguistics at Stanford University, Director of the Stanford Artificial Intelligence Laboratory, and Co-director of the Stanford Human-Centered Artificial Intelligence Institute. He works on software that can intelligently process, understand, and generate human language material. He is a leader in applying Deep Learning to Natural Language Processing, including exploring Tree Recursive Neural Networks, neural network dependency parsing, the GloVe model of word vectors, neural machine translation, question answering, and deep language understanding. He also focuses on computational linguistic approaches to parsing, natural language inference and multilingual language processing, including being a principal developer of Stanford Dependencies and Universal Dependencies. Manning is an ACM Fellow, a AAAI Fellow, an ACL Fellow, and a Past President of ACL. He has coauthored leading textbooks on statistical natural language processing and information retrieval. He is the founder of the Stanford NLP group (@stanfordnlp) and manages development of the Stanford CoreNLP software.

#### ACADEMIC APPOINTMENTS

- Professor, Linguistics
- Professor, Computer Science
- Member, Bio-X

#### ADMINISTRATIVE APPOINTMENTS

- Associate Director, Human-Centered Artificial Intelligence Initiative (HAI), (2018- present)
- Director, Stanford Artificial Intelligence Laboratory, (2018- present)
- Faculty Director, SAIL-JD AI Research Initiative, (2017- present)

#### HONORS AND AWARDS

- Fellow, ACL
- Fellow, AAAI
- Fellow, ACM

## PROGRAM AFFILIATIONS

- Symbolic Systems Program

## PROFESSIONAL EDUCATION

- PhD, Stanford University (1994)

## LINKS

- Stanford NLP Group: <https://nlp.stanford.edu/>
- Personal home page: <https://nlp.stanford.edu/~manning/>
- Google Scholar page: <https://scholar.google.com/citations?user=1zmDODwAAAAJ>

## Teaching

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### COURSES

#### 2019-20

- Natural Language Processing with Deep Learning: CS 224N, LINGUIST 284 (Win)

#### 2018-19

- Information Retrieval and Web Search: CS 276, LINGUIST 286 (Spr)
- Natural Language Processing with Deep Learning: CS 224N, LINGUIST 284 (Win)

#### 2017-18

- Tensorflow for Deep Learning Research: CS 20 (Win)

#### 2016-17

- Information Retrieval and Web Search: CS 276, LINGUIST 286 (Spr)
- Natural Language Processing with Deep Learning: CS 224N, LINGUIST 284 (Win)
- Programming for Linguists: LINGUIST 278 (Aut)
- Tensorflow for Deep Learning Research: CS 20SI (Win)

### STANFORD ADVISEES

#### Doctoral Dissertation Reader (AC)

Robin Jia

#### Doctoral Dissertation Advisor (AC)

Drew Arad Hudson, Matt Lamm, Ashwin Pradeep Paranjape, Peng Qi, Abi See, Yuhao Zhang

#### Doctoral Dissertation Co-Advisor (AC)

Bryan Cai

#### Master's Program Advisor

Jennie Chen, Kelly He, Saahil Jain, Haojun Li, Yiyun Liang, Amaury Sabran

#### Doctoral (Program)

Kevin Clark, Peng Qi, Shikhar murty

## Publications

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### PUBLICATIONS

- **BAM! Born-Again Multi-Task Networks for Natural Language Understanding**  
Clark, K., Minh-Thang Luong, Khandelwal, U., Manning, C. D., Le, Q. V., ACL, Korhonen, A., Traum, D., Marquez, L.  
ASSOC COMPUTATIONAL LINGUISTICS-ACL.2019: 5931–37
- **Simpler but More Accurate Semantic Dependency Parsing**  
Dozat, T., Manning, C. D., Gurevych, Miyao, Y.  
ASSOC COMPUTATIONAL LINGUISTICS-ACL.2018: 484–90
- **Arc-swift: A Novel Transition System for Dependency Parsing**  
Qi, P., Manning, C. D., Barzilay, R., Kan, M. Y.  
ASSOC COMPUTATIONAL LINGUISTICS-ACL.2017: 110–17
- **Get To The Point: Summarization with Pointer-Generator Networks**  
See, A., Liu, P. J., Manning, C. D., Barzilay, R., Kan, M. Y.  
ASSOC COMPUTATIONAL LINGUISTICS-ACL.2017: 1073–83
- **Naturalizing a Programming Language via Interactive Learning**  
Wang, S. I., Ginn, S., Liang, P., Manning, C. D., Barzilay, R., Kan, M. Y.  
ASSOC COMPUTATIONAL LINGUISTICS-ACL.2017: 929–38
- **A Thorough Examination of the CNN/Daily Mail Reading Comprehension Task**  
Chen, D., Bolton, J., Manning, C. D., Erk, K., Smith, N. A.  
ASSOC COMPUTATIONAL LINGUISTICS-ACL.2016: 2358–67
- **Improving Coreference Resolution by Learning Entity-Level Distributed Representations**  
Clark, K., Manning, C. D., Erk, K., Smith, N. A.  
ASSOC COMPUTATIONAL LINGUISTICS-ACL.2016: 643–53
- **Achieving Open Vocabulary Neural Machine Translation with Hybrid Word-Character Models**  
Minh-Thang Luong, Manning, C. D., Erk, K., Smith, N. A.  
ASSOC COMPUTATIONAL LINGUISTICS-ACL.2016: 1054–63
- **A Fast Unified Model for Parsing and Sentence Understanding**  
Bowman, S. R., Gauthier, J., Rastogi, A., Gupta, R., Manning, C. D., Potts, C., Erk, K., Smith, N. A.  
ASSOC COMPUTATIONAL LINGUISTICS-ACL.2016: 1466–77
- **Learning Language Games through Interaction**  
Wang, S. I., Liang, P., Manning, C. D., Erk, K., Smith, N. A.  
ASSOC COMPUTATIONAL LINGUISTICS-ACL.2016: 2368–78
- **Understanding Human Language: Can NLP and Deep Learning Help?**  
Manning, C., Assoc Comp Machinery  
ASSOC COMPUTING MACHINERY.2016: 1
- **Combining Natural Logic and Shallow Reasoning for Question Answering**  
Angeli, G., Nayak, N., Manning, C. D., Erk, K., Smith, N. A.  
ASSOC COMPUTATIONAL LINGUISTICS-ACL.2016: 442–52
- **Computational Linguistics and Deep Learning** *COMPUTATIONAL LINGUISTICS*  
Manning, C. D.  
2015; 41 (4): 701-707
- **Natural Language Translation at the Intersection of AI and HCI** *COMMUNICATIONS OF THE ACM*  
Green, S., Heer, J., Manning, C. D.  
2015; 58 (9): 47-54

- **Advances in natural language processing** *SCIENCE*  
Hirschberg, J., Manning, C. D.  
2015; 349 (6245): 261-266
- **Text to 3D Scene Generation with Rich Lexical Grounding**  
Chang, A., Monroe, W., Savva, M., Potts, C., Manning, C. D., Zong, C., Strube, M.  
ASSOC COMPUTATIONAL LINGUISTICS-ACL.2015: 53–62
- **Forum77: An Analysis of an Online Health Forum Dedicated to Addiction Recovery**  
MacLean, D., Gupta, S., Lembke, A., Manning, C., Heer, J., ACM  
ASSOC COMPUTING MACHINERY.2015: 1511–26
- **Robust Subgraph Generation Improves Abstract Meaning Representation Parsing**  
Werling, K., Angeli, G., Manning, C. D., Zong, C., Strube, M.  
ASSOC COMPUTATIONAL LINGUISTICS-ACL.2015: 982–91
- **Improved Semantic Representations From Tree-Structured Long Short-Term Memory Networks**  
Tai, K., Socher, R., Manning, C. D., Zong, C., Strube, M.  
ASSOC COMPUTATIONAL LINGUISTICS-ACL.2015: 1556–66
- **Leveraging Linguistic Structure For Open Domain Information Extraction**  
Angeli, G., Premkumar, M., Manning, C. D., Zong, C., Strube, M.  
ASSOC COMPUTATIONAL LINGUISTICS-ACL.2015: 344–54
- **On-the-Job Learning with Bayesian Decision Theory**  
Werling, K., Chaganty, A., Liang, P., Manning, C. D., Cortes, C., Lawrence, N. D., Lee, D. D., Sugiyama, M., Garnett, R.  
NEURAL INFORMATION PROCESSING SYSTEMS (NIPS).2015
- **Entity-Centric Coreference Resolution with Model Stacking**  
Clark, K., Manning, C. D., Zong, C., Strube, M.  
ASSOC COMPUTATIONAL LINGUISTICS-ACL.2015: 1405–15
- **Induced lexico-syntactic patterns improve information extraction from online medical forums.** *Journal of the American Medical Informatics Association*  
Gupta, S., MacLean, D. L., Heer, J., Manning, C. D.  
2014; 21 (5): 902-909
- **Simple MAP Inference via Low-Rank Relaxations**  
Frostig, R., Wang, S., Liang, P., Manning, C. D., Ghahramani, Z., Welling, M., Cortes, C., Lawrence, N. D., Weinberger, K. Q.  
NEURAL INFORMATION PROCESSING SYSTEMS (NIPS).2014
- **Natural Logic and Natural Language Inference** *COMPUTING MEANING, VOL 4*  
MacCartney, B., Manning, C. D., Bunt, H., Bos, J., Pulman, S.  
2014; 47: 129–47
- **A Gold Standard Dependency Corpus for English**  
Silveira, N., Dozat, T., de Marneffe, M., Bowman, S. R., Connor, M., Bauer, J., Manning, C. D., Calzolari, N., Choukri, K., Declerck, T., Loftsson, H., Maegaard, B., Mariani, et al  
EUROPEAN LANGUAGE RESOURCES ASSOC-ELRA.2014: 2897–2904
- **Event Extraction Using Distant Supervision**  
Reschke, K., Jankowiak, M., Surdeanu, M., Manning, C. D., Jurafsky, D., Calzolari, N., Choukri, K., Declerck, T., Loftsson, H., Maegaard, B., Mariani, J., Moreno, A., Odijk, et al  
EUROPEAN LANGUAGE RESOURCES ASSOC-ELRA.2014: 4527–31
- **Universal Stanford Dependencies: A cross-linguistic typology**  
de Marneffe, M., Dozat, T., Silveira, N., Haverinen, K., Ginter, F., Nivre, J., Manning, C. D., Calzolari, N., Choukri, K., Declerck, T., Loftsson, H., Maegaard, B., Mariani, et al  
EUROPEAN LANGUAGE RESOURCES ASSOC-ELRA.2014: 4585–92
- **Learning Distributed Representations for Structured Output Prediction**

- 
- Srikumar, V., Manning, C. D., Ghahramani, Z., Welling, M., Cortes, C., Lawrence, N. D., Weinberger, K. Q.  
NEURAL INFORMATION PROCESSING SYSTEMS (NIPS).2014
- **Global Belief Recursive Neural Networks**  
Paulus, R., Socher, R., Manning, C. D., Ghahramani, Z., Welling, M., Cortes, C., Lawrence, N. D., Weinberger, K. Q.  
NEURAL INFORMATION PROCESSING SYSTEMS (NIPS).2014
  - **Two Knives Cut Better Than One: Chinese Word Segmentation with Dual Decomposition**  
Wang, M., Voigt, R., Manning, C. D., Toutanova, K., Wu, H.  
ASSOC COMPUTATIONAL LINGUISTICS-ACL.2014: 193–98
  - **Differentiating language usage through topic models** *POETICS*  
McFarland, D. A., Ramage, D., Chuang, J., Heer, J., Manning, C. D., Jurafsky, D.  
2013; 41 (6): 607-625
  - **Parsing Models for Identifying Multiword Expressions** *COMPUTATIONAL LINGUISTICS*  
Green, S., de Marneffe, M., Manning, C. D.  
2013; 39 (1): 195-227
  - **The Efficacy of Human Post-editing for Language Translation** *CHI*  
Green, S., Heer, J., Manning, C. D.  
2013
  - **Learning a Product of Experts with Elitist Lasso.**  
Wang, M., Manning, Christopher, D.  
2013
  - **Bilingual Word Embeddings for Phrase-Based Machine Translation**  
Zou, Will, Y., Socher, R., Cer, D., Manning, Christopher, D.  
2013
  - **Effect of Nonlinear Deep Architecture in Sequence Labeling.**  
Wang, M., Manning, Christopher, D.  
2013
  - **Recursive Deep Models for Semantic Compositionality Over a Sentiment Treebank**  
Socher, R., Perelygin, A., Wu, J., Chuang, J., Manning, C., Ng, A.  
2013
  - **Zero-Shot Learning Through Cross-Modal Transfer**  
Socher, R., Ganjoo, M., Sridhar, H., Bastani, O., Manning, C., D., Ng, A., Y.  
2013
  - **Named Entity Recognition with Bilingual Constraints.**  
Che, W., Wang, M., Manning, Christopher, D., Liu, T.  
2013
  - **Effective Bilingual Constraints for Semi-supervised Learning of Named Entity Recognizers.**  
Wang, M., Che, W., Manning, Christopher, D.  
2013
  - **Parsing With Compositional Vector Grammars**  
Socher, R., Bauer, J., Manning, Christopher, D., Ng, Andrew, Y.  
2013
  - **Differentiating Language Usage through Topic Models Poetics** *Daniel A. McFarland, Daniel Ramage, Jason Chuang, Jeffrey Heer, and Christopher D. Manning*  
McFarland, Daniel, A., Ramage, D., Chuang, J., Heer, J., Manning, Christopher, D.  
2013

- **Fast and Adaptive Online Training of Feature-Rich Translation Models** *Proc. ACL*  
Green, S., Wang, S., Cer, D., Manning, C. D.  
2013
- **Joint Word Alignment and Bilingual Named Entity Recognition Using Dual Decomposition.**  
Wang, M., Che, W., Manning, Christopher, D.  
2013
- **Language-Independent Discriminative Parsing of Temporal Expressions**  
Angeli, G., Uszkoreit, J.  
2013
- **Philosophers are Mortal: Inferring the Truth of Unseen Facts.**  
Angeli, G., Manning, C.  
2013
- **Same Referent, Different Words: Unsupervised Mining of Opaque Coreferent Mentions.**  
Recasens, M., Can, M., Jurafsky, D.  
2013
- **Tradition and Modernity in 20th Century Chinese Poetry.**  
Voigt, R., Jurafsky, D.  
2013
- **Generating Recommendation Dialogs by Extracting Information from User Reviews.**  
Reschke, K., Vogel, A., Jurafsky, D.  
2013
- **Linguistic Models for Analyzing and Detecting Biased Language.**  
Recasens, M., Danescu-Niculescu-Mizil, C., Jurafsky, D.  
2013
- **A computational approach to politeness with application to social factors**  
Danescu-Niculescu-Mizil, C., Sudhof, M., Jurafsky, D., Leskovec, J., Potts, C.  
2013
- **Effect of Non-linear Deep Architecture in Sequence Labeling.**  
Wang, M., Manning, Christopher, D.  
2013
- **Semantic Parsing on Freebase from Question-Answer Pairs.**  
Berant, J., Chou, A., Frostig, R., Liang, P.  
2013
- **Learning Biological Processes with Global Constraints.**  
Scaria, A. T., Berant, J., Wang, M., Clark, P., Lewis, J., Harding, B., Manning, Christopher, D.  
2013
- **Parsing entire discourses as very long strings: Capturing topic continuity in grounded language learning.** *Transactions of the Association for Computational Linguistics*  
Luong, M., Frank, Michael, C., Johnson, M.  
2013; 3 (1): 315-323
- **Zero Shot Learning Through Cross-Modal Transfer.** *In Advances in Neural Information Processing Systems*  
Socher, R., Ganjoo, M., Manning, Christopher, D., Ng, Andrew, Y.  
2013; 26
- **The Life and Death of Discourse Entities: Identifying Singleton Mentions**  
Recasens, M., Marneffe, M. d., Potts, C.  
2013

- **Implicatures and Nested Beliefs in Approximate Decentralized-POMDPs.**  
Vogel, A., Potts, C., Jurafsky, D.  
2013
- **Learning New Facts From Knowledge Bases With Neural Tensor Networks and Semantic Word Vectors**  
Chen, D., Socher, R., Manning, Christopher, D., Ng, Andrew, Y.  
2013
- **Better Word Representations with Recursive Neural Networks for Morphology.**  
Luong, M., Socher, R., Manning, Christopher, D.  
2013
- **No country for old members: User lifecycle and linguistic change in online communities.**  
Danescu-Niculescu-Mizil, C., West, R., Jurafsky, D., Leskovec, J., Potts, C.  
2013
- **Breaking Out of Local Optima with Count Transforms and Model Recombination: A Study in Grammar Induction.**  
Spitkovsky, Valentin, I., Alshawi, H., Jurafsky, D.  
2013
- **Reasoning With Neural Tensor Networks For Knowledge Base Completion.** *In Advances in Neural Information Processing Systems*  
Socher, R., Chen, D., Manning, Christopher, D., Ng, Andrew, Y.  
2013; 26
- **Crowdsourcing and the Crisis-affected Population** *Information Retrieval*  
Munro, R.  
2013; 2 (16): 210-266
- **"Without the Clutter of Unimportant Words": Descriptive Keyphrases for Text Visualization** *ACM TRANSACTIONS ON COMPUTER-HUMAN INTERACTION*  
Chuang, J., Manning, C. D., Heer, J.  
2012; 19 (3)
- **Combining joint models for biomedical event extraction** *Conference on BioNLP Shared Task*  
McClosky, D., Riedel, S., Surdeanu, M., McCallum, A., Manning, C. D.  
BIOMED CENTRAL LTD.2012
- **Did It Happen? The Pragmatic Complexity of Veridicality Assessment** *COMPUTATIONAL LINGUISTICS*  
de Marneffe, M., Manning, C. D., Potts, C.  
2012; 38 (2): 301-333
- **Termite: Visualization Techniques for Assessing Textual Topic Models** *International Working Conference on Advanced Visual Interfaces (AVI)*  
Chuang, J., Manning, C. D., Heer, J.  
ASSOC COMPUTING MACHINERY.2012: 74-77
- **Short message communications: users, topics, and in-language processing**  
Munro, R., Manning, C. D., ACM  
ASSOC COMPUTING MACHINERY.2012
- **Towards a Literary Machine Translation: The Role of Referential Cohesion**  
Voigt, R., Jurafsky, D.  
2012
- **Multi-instance Multi-label Learning for Relation Extraction**  
Surdeanu, M., Tibshirani, J., Nallapati, R., Manning, Christopher, D.  
2012
- **Learning Constraints for Consistent Timeline Extraction.**  
McClosky, D., Manning, Christopher, D.  
2012

- **SPEDE: Probabilistic Edit Distance Metrics for MT Evaluation.**  
Wang, M., Manning, Christopher, D.  
2012
- **A Comparison of Chinese Parsers for Stanford Dependencies**  
Che, W., Spitkovsky, Valentin, I., Liu, T.  
2012
- **Stanford's System for Parsing the English Web**  
McClosky, D., Che, W., Recasens, M., Wang, M., Socher, R., Manning, Christopher, D.  
2012
- **Improving Word Representations via Global Context and Multiple Word Prototypes.**  
Huang, Eric, H., Socher, R., Manning, Christopher, D., Ng, Andrew, Y.  
2012
- **Semantic Compositionality Through Recursive Matrix-Vector Spaces**  
Socher, R., Huval, B., Manning, Christopher, D., Ng, Andrew, Y.  
2012
- **Towards a Computational History of the ACL: 1980-2008.**  
Anderson, A., McFarland, D., Jurafsky, D.  
2012
- **Joint Entity and Event Coreference Resolution across Documents.**  
Lee, H., Recasens, M., Chang, A., Surdeanu, M., Jurafsky, D.  
2012
- **Entity Clustering Across Languages**  
Green, S., Andrews, N., Gormley, Matthew, R., Dredze, M., Manning, Christopher, D.  
2012
- **A Cross-Lingual Dictionary for English Wikipedia Concepts**  
Spitkovsky, Valentin, I., Chang, Angel, X.  
2012
- **Annotating Near-Identity from Coreference Disagreements.**  
Recasens, M., Martí, M., Antònia, Orasan, C.  
2012
- **Baselines and Bigrams: Simple, Good Sentiment and Topic Classification.**  
Wang, S., Manning, C.  
2012
- **Probabilistic Finite State Machines for Regression-based MT Evaluation.**  
Wang, M., Manning, Christopher, D.  
2012
- **Three Dependency-and-Boundary Models for Grammar Induction**  
Spitkovsky, Valentin, I., Alshawi, H., Jurafsky, D.  
2012
- **Automatic animacy classification**  
Bowman, S., Chopra, H.  
2012
- **Citation-based bootstrapping for large-scale author disambiguation** *Journal of the American Society for Information Science and Technology*  
Levin, M., Krawczyk, S., Bethard, S., Jurafsky, D.  
2012; 5 (63): 301-333



- **Coreference resolution: an empirical study based on SemEval-2010 shared Task 1** *Language Resources and Evaluation*.  
Màrquez, L., Recasens, M., Sapena, E.  
2012
- **Learning Attitudes and Attributes from Multi-Aspect Reviews** *In International Conference on Data Mining*.  
McAuley, Julian, J., Leskovec, J., Jurafsky, D.  
2012
- **Capitalization Cues Improve Dependency Grammar Induction.**  
Spitkovsky, Valentin, I., Alshawi, H., Jurafsky, D.  
2012
- **Without the clutter of unimportant words** *ACM Transactions on Computer-Human Interaction (TOCHI)*  
Chuang, J., Manning, Christopher, D., Heer, J.  
2012; 3 (19)
- **Stanford: Probabilistic Edit Distance Metrics for STS.**  
Wang, M., Cer, D.  
2012
- **A Computational Analysis of Style, Affect, and Imagery in Contemporary Poetry.**  
Kao, J., Jurafsky, D.  
2012
- **Bootstrapping Dependency Grammar Inducers from Incomplete Sentence Fragments via Austere Models**  
Spitkovsky, Valentin, I., Alshawi, H., Jurafsky, D.  
2012
- **Parsing Time: Learning to Interpret Time Expressions**  
Angeli, G., Manning, Christopher, D., Jurafsky, D.  
2012
- **He Said, She Said: Gender in the ACL Anthology**  
Vogel, A., Jurafsky, a. D.  
2012
- **SUTIME: A Library for Recognizing and Normalizing Time Expressions** *8th International Conference on Language Resources and Evaluation (LREC)*  
Chang, A. X., Manning, C. D.  
EUROPEAN LANGUAGE RESOURCES ASSOC-ELRA.2012: 3735–3740
- **SUTIME: A Library for Recognizing and Normalizing Time Expressions.** *In Eighth International Conference on Language Resources and Evaluation (LREC 2012)*  
Chang, Angel, X., Manning, Christopher, D.  
2012
- **Convolutional-Recursive Deep Learning for 3D Object Classification.** *In Advances in Neural Information Processing Systems*  
Socher, R., Huval, B., Bhat, B., Manning, Christopher, D., Ng, Andrew, Y.  
2012; 25
- **Part-of-Speech Tagging from 97% to 100%: Is It Time for Some Linguistics?** *12th Annual Conference on Intelligent Text Processing and Computational Linguistics*  
Manning, C. D.  
SPRINGER-VERLAG BERLIN.2011: 171–189
- **Veridicality and utterance understanding**  
de Marneffe, M., Manning, C. D., Potts, C., IEEE Comp Soc  
IEEE COMPUTER SOC.2011: 430–37
- **Punctuation: Making a Point in Unsupervised Dependency Parsing**  
Spitkovsky, Valentin, I., Alshawi, H., Jurafsky, D.

2011

- **Lateen EM: Unsupervised Training with Multiple Objectives, Applied to Dependency Grammar Induction.**  
Spitkovsky, Valentin, I., Alshawi, H., Jurafsky, D.  
2011
- **Stanford's Distantly-Supervised Slot-Filling System.**  
Surdeanu, M., Gupta, S., Bauer, J., McClosky, D., Chang, Angel, X., Spitkovsky, Valentin, I., Manning, Christopher, D.  
2011
- **Parsing Natural Scenes and Natural Language with Recursive Neural Networks.**  
Socher, R., Lin, C. C., Ng, Andrew, Y., Manning, Christopher, D.  
2011
- **Analyzing the Dynamics of Research by Extracting Key Aspects of Scientific Papers.**  
Gupta, S., Manning, Christopher, D.  
2011
- **Model Combination for Event Extraction in BioNLP 2011**  
Riedel, S., McClosky, D., Surdeanu, M., McCallum, A., Manning, Christopher, D.  
2011
- **Stanford-UBC Entity Linking at TAC-KBP, Again**  
Chang, Angel, X., Spitkovsky, Valentin, I., Agirre, E., Manning, Christopher, D.  
2011
- **Event Extraction as Dependency Parsing**  
McClosky, D., Surdeanu, M., Manning, C.  
2011
- **Subword and spatiotemporal models for identifying actionable information in Haitian Kreyol.**  
Munro, R.  
2011
- **Unsupervised Dependency Parsing without Gold Part-of-Speech Tags.**  
Spitkovsky, Valentin, I., Alshawi, H., Chang, Angel, X., Jurafsky, D.  
2011
- **Strong Baselines for Cross-Lingual Entity Linking.**  
Spitkovsky, Valentin, I., Chang, Angel, X.  
2011
- **LeadLag LDA: Estimating Topic Specific Leads and Lags of Information Outlets**  
Nallapati, R., Shi, X., McFarland, D., Leskovec, J., Jurafsky, D.  
2011
- **Spectral Chinese Restaurant Processes: Nonparametric Clustering Based on Similarities**  
Socher, R., Maas, A., Manning, Christopher, D.  
2011
- **Event Extraction as Dependency Parsing for BioNLP 2011**  
McClosky, D., Surdeanu, M., Manning, Christopher, D.  
2011
- **Customizing an Information Extraction System to a New Domain**  
Surdeanu, M., McClosky, D., Smith, Mason, R., Gusev, A., Manning, Christopher, D.  
2011
- **A Study of Academic Collaborations in Computational Linguistics using a Latent Mixture of Authors Model**  
Johri, N., Ramage, D., McFarland, Daniel, A., Jurafsky, D.

2011

- **Template-Based Information Extraction without the Templates.**  
Chambers, N., Jurafsky, D.  
2011
- **Stanford's Multi-Pass Sieve Coreference Resolution System at the CoNLL-2011 Shared Task**  
Lee, H., Peirsman, Y., Chang, A., Chambers, N., Surdeanu, M., Jurafsky, D.  
2011
- **Parsing Natural Scenes and Natural Language with Recursive Neural Networks**  
Socher, R., Lin, C., Ng, Andrew, Y., Manning, Christopher, D.  
2011
- **Multword Expression Identification with Tree Substitution Grammars: A Parsing tour de force with French** *In EMNLP.*  
Green, S., Marneffe, M. d., Bauer, J., Manning, Christopher, D.  
2011
- **Risk Analysis for Intellectual Property Litigation**  
Surdeanu, M., Nallapati, R., Manning, Christopher, D.  
2011
- **Veridicality and utterance understanding.**  
Marneffe, M. d., Manning, Christopher, D., Potts, C.  
2011
- **The Role of Social Networks in Online Shopping: Information Passing, Price of Trust, and Consumer Choice**  
Guo, S., Wang, M., Leskovec, J.  
2011
- **Semi-Supervised Recursive Autoencoders for Predicting Sentiment Distributions**  
Socher, R., Pennington, J., Huang, Eric, H., Ng, Andrew, Y., Manning, Christopher, D.  
2011
- **Spectral Chinese Restaurant Processes: Nonparametric Clustering Based on Similarities**  
Socher, R., Maas, A., Manning, Christopher, D.  
2011
- **Dynamic Pooling and Unfolding Recursive Autoencoders for Paraphrase Detection** *Advances in Neural Information Processing Systems*  
Socher, R., Huang, Eric, H., Pennington, J., Ng, Andrew, Y., Manning, Christopher, D.  
2011
- **Risk Analysis for Intellectual Property Litigation**  
Surdeanu, M., Nallapati, R., Manning, C.  
2011
- **Using Evolutive Summary Counters for Efficient Cooperative Caching in Search Engines** *IEEE Transactions on Parallel and Distributed Systems 99(PrePrints)*  
Dominguez-Sal, D., Aguilar-Saborit, J., Surdeanu, M., Larriba-Pey, J. L.  
2011
- **Learning to Rank Answers to Non-Factoid Questions from Web Collections** *Computational Linguistics*  
Surdeanu, M., Ciaramita, M., Zaragoza, H.  
2011; 2 (37)
- **Dynamic Pooling and Unfolding Recursive Autoencoders for Paraphrase Detection** *In Advances in Neural Information Processing Systems*  
Socher, R., Huang, Eric, H., Pennington, J., Ng, Andrew, Y.  
2011; 24
- **TopicFlow model: Unsupervised learning of topic specific influences of hyperlinked documents** *Artificial Intelligence and Statistics*  
Nallapati, R., McFarland, D., Manning, C.

2011

- **Veridicality and utterance understanding** *CA: IEEE Computer Society Press*  
Marneffe, M. d., Manning, Christopher, D., Potts, C.  
2011
- **Assessing the relationship between excess argon content and recrystallization of ultrahigh-pressure metamorphic rocks** *Conference on Goldschmidt 2010 - Earth, Energy, and the Environment*  
Menold, C. A., Grove, M., Manning, C. E.  
PERGAMON-ELSEVIER SCIENCE LTD.2010: A698–A698
- **Which words are hard to recognize? Prosodic, lexical, and disfluency factors that increase speech recognition error rates** *SPEECH COMMUNICATION*  
Goldwater, S., Jurafsky, D., Manning, C. D.  
2010; 52 (3): 181-200
- **The NXT-format Switchboard Corpus: a rich resource for investigating the syntax, semantics, pragmatics and prosody of dialogue.** *Language Resources & Evaluation 44:*  
Calhoun, S., Carletta, J., Brenier, Jason, M., Mayo, N., Jurafsky, D., Steedman, M.  
2010: 387-419
- **Legal Claim Identification: Information Extraction with Hierarchically Labeled Data**  
Surdeanu, M., Nallapati, R., Manning, C., Calzolari, N., Choukri, K., Maegaard, B., Mariani, J., Odijk, J., Piperidis, S., Rosner, M., Tapias, D.  
EUROPEAN LANGUAGE RESOURCES ASSOC-ELRA.2010: I22–I29
- **Hierarchical Joint Learning: Improving Joint Parsing and Named Entity Recognition with Non-Jointly Labeled Data**  
Finkel, J., Manning, C. D., *Assoc Computat Linguist*  
ASSOC COMPUTATIONAL LINGUISTICS.2010: 720–28
- **"Was it good? It was provocative." Learning the meaning of scalar adjectives**  
de Marneffe, M., Manning, C. D., Potts, C., *Assoc Computat Linguist*  
ASSOC COMPUTATIONAL LINGUISTICS.2010: 167–76
- **Characterizing Microblogs with Topic Models**  
Ramage, D., Dumais, S., Liebling, D.  
2010
- **Learning Continuous Phrase Representations and Syntactic Parsing with Recursive Neural Networks**  
Socher, R., Manning, Christopher, D., Ng, Andrew, Y.  
2010
- **Legal Claim Identification: Information Extraction with Hierarchically Labeled Data**  
Surdeanu, M., Nallapati, R., Manning, Christopher, D.  
2010
- **Learning to Follow Navigational Directions**  
Vogel, A., Jurafsky, D.  
2010
- **Hierarchical Joint Learning: Improving Joint Parsing and Named Entity Recognition with Non-Jointly Labeled Data**  
Finkel, J. R., Manning, Christopher, D.  
2010
- **Improved Models of Distortion Cost for Statistical Machine Translation**  
Green, S., Galley, M., Manning, Christopher, D.  
2010
- **Accurate Non-Hierarchical Phrase-Based Translation**  
Galley, M., Manning, Christopher, D.  
2010
- **Better Arabic Parsing: Baselines, Evaluations, and Analysis**

Green, S., Manning, Christopher, D.  
2010

- **Who should I cite? Learning literature search models from citation behavior.**

Bethard, S., Jurafsky, D.  
2010

- **Automatic Domain Adaptation for Parsing**

McClosky, D., Charniak, E., Johnson, M.  
2010

- **How good are humans at solving CAPTCHAs? A large scale evaluation**

Bursztein, E., Bethard, S., Mitchell, John, C., Jurafsky, D., Fabry, C.  
2010

- **Ensemble Models for Dependency Parsing: Cheap and Good?**

Surdeanu, M., Manning, Christopher, D.  
2010

- **Stanford-UBC Entity Linking at TAC-KBP**

Chang, Angel, X., Spitzkovsky, Valentin, I., Yeh, E., Agirre, E., Manning, Christopher, D.  
2010

- **Parsing to Stanford Dependencies: Trade-offs between speed and accuracy**

Cer, D., Marneffe, M. d., Jurafsky, D., Manning, Christopher, D.  
2010

- **A Database of Narrative Schemas**

Chambers, N., Jurafsky, D.  
2010

- **Improving Semantic Role Classification with Selectional Preferences.**

Zapirain, B., Agirre, E., Márquez, L., Surdeanu, M.  
2010

- **Profiting from Mark-Up: Hyper-Text Annotations for Guided Parsing**

Spitzkovsky, Valentin, I., Jurafsky, D., Alshawi, H.  
2010

- **Was it good? It was provocative. Learning the meaning of scalar adjectives**

Marneffe, M. d., Manning, Christopher, D., Potts, C.  
2010

- **Improving the Use of Pseudo-Words for Evaluating Selectional Preferences**

Chambers, N., Jurafsky, D.  
2010

- **Probabilistic Tree-Edit Models with Structured Latent Variables for Textual Entailment and Question Answering**

Wang, M., Manning, Christopher, D.  
2010

- **A Simple Distant Supervision Approach for the TAC-KBP Slot Filling Task**

Surdeanu, M., McClosky, D., Tibshirani, J., Bauer, J., Chang, Angel, X., Spitzkovsky, Valentin, I., Manning, Christopher, D.  
2010

- **Phrasal: a toolkit for statistical machine translation with facilities for extraction and incorporation of arbitrary model features**

Cer, D., Galley, M., Jurafsky, D., Manning, Christopher, D.  
2010

- **Was it good? It was provocative, Learning the meaning of scalar adjectives**

Marneffe, M. d., Manning, Christopher, D., Potts, C.

2010

- **From Baby Steps to Leapfrog: How “Less is More” in Unsupervised Dependency Parsing**  
Spitkovsky, Valentin, I., Alshawi, H., Jurafsky, D.  
2010
- **The best lexical metric for phrase-based statistical MT system optimization**  
Cer, D., Manning, Christopher, D., Jurafsky, D.  
2010
- **Viterbi Training Improves Unsupervised Dependency Parsing**  
Spitkovsky, Valentin, I., Alshawi, H., Jurafsky, D., Manning, Christopher, D.  
2010
- **A Multi-Pass Sieve for Coreference Resolution**  
Raghunathan, K., Lee, H., Rangarajan, S., Chambers, N., Surdeanu, M., Jurafsky, D., Manning, Christopher, D.  
2010
- **Subword Variation in Text Message Classification**  
Munro, R., Manning, Christopher, D.  
2010
- **Crowdsourced translation for emergency response in Haiti: the global collaboration of local knowledge**  
Munro, R.  
2010
- **Measuring Machine Translation Quality as Semantic Equivalence: A Metric Based on Entailment Features** *Machine Translation*  
Padó, S., Cer, D., Galley, M., Jurafsky, D., Manning, Christopher, D.  
2010; 23: 181-193
- **Phrasal: A Toolkit for Statistical Machine Translation with Facilities for Extraction and Incorporation of Arbitrary Model Features**  
Cer, D., Galley, M., Jurafsky, D., Manning, Christopher, D.  
2010
- **Predictability Effects on Durations of Content and Function Words in Conversational English.** *Journal of Memory and Language*  
Bell, A., Brenier, J., Gregory, M.  
2009; 1 (60): 92-111
- **Joint Parsing and Named Entity Recognition**  
Finkel, J. R., Manning, Christopher, D.  
2009
- **Clustering the Tagged Web.**  
Ramage, D., Heymann, P., Manning, Christopher, D., Garcia-Molina, H.  
2009
- **Hidden Conditional Random Fields for Phone Recognition**  
Sung, Y., Jurafsky, D.  
2009
- **Robust Machine Translation Evaluation with Entailment Features**  
Padó, S., Galley, M., Jurafsky, D., Manning, Christopher, D.  
2009
- **Distant supervision for relation extraction without labeled data**  
Mintz, M., Bills, S., Snow, R., Jurafsky, D.  
2009
- **Labeled LDA: A supervised topic model for credit attribution in multi-labeled corpora**  
Ramage, D., Hall, D., Nallapati, R., Manning, Christopher, D.

2009

- **NP subject detection in verb-initial Arabic clauses**  
Green, S., Sathi, C., Manning, Christopher, D.  
2009
- **Topic Modeling for the Social Sciences**  
Ramage, D., Rosen, E., Chuang, J., Manning, Christopher, D., McFarland, Daniel, A.  
2009
- **Disambiguating “DE” for Chinese-English Machine Translation**  
Chang, P., Jurafsky, D., Manning, Christopher, D.  
2009
- **Extracting Social Meaning: Identifying Interactional Style in Spoken Conversation**  
Jurafsky, D., Ranganath, R., McFarland, D.  
2009
- **NP subject detection in verb-initial Arabic clauses**  
Green, S., Sathi, C., Manning, Christopher, D.  
2009
- **An extended model of natural logic**  
MacCartney, B., Manning, Christopher, D.  
2009
- **Textual Entailment Features for Machine Translation Evaluation**  
Padó, S., Galley, M., Jurafsky, D., Manning, C.  
2009
- **Discriminative Reordering with Chinese Grammatical Relations Features.**  
Chang, P., Tseng, H., Jurafsky, D., Manning, Christopher, D.  
2009
- **Quadratic-Time Dependency Parsing for Machine Translation**  
Galley, M., Manning, Christopher, D.  
2009
- **Multi-word expressions in textual inference: Much ado about nothing?**  
Marneffe, M. d., Padó, S., Manning, Christopher, D.  
2009
- **WikiWalk: Random walks on Wikipedia for Semantic Relatedness**  
Yeh, E., Ramage, D., Manning, Christopher, D., Agirre, E., Soroa, A.  
2009
- **Random Walks for Text Semantic Similarity**  
Ramage, D., Rafferty, Anna, N., Manning, Christopher, D.  
2009
- **Nested Named Entity Recognition**  
Finkel, J. R., Manning, Christopher, D.  
2009
- **Stanford-UBC at TAC-KBP**  
Agirre, E., Chang, Angel, X., Jurafsky, Daniel, S., Manning, Christopher, D., Spitkovsky, Valentin, I., Yeh, E.  
2009
- **Revisiting Graphemes with Increasing Amounts of Data**  
Sung, Y., Hughes, T., Beaufays, F., Strope, B.

2009

- **Unsupervised Learning of Narrative Schemas and their Participants**

Chambers, N., Jurafsky, D.

2009

- **An extended model of natural logic**

MacCartney, B., Manning, Christopher, D.

2009

- **Clustering the Tagged Web**

Ramage, D., Heymann, P., Manning, Christopher, D., Garcia-Molina, H.

2009

- **Discriminative Reordering with Chinese Grammatical Relations Features**

Chang, P., Tseng, H., Jurafsky, D., Manning, Christopher, D.

2009

- **Baby Steps: How “Less is More” in Unsupervised Dependency Parsing**

Spitkovsky, Valentin, I., Alshawi, H., Jurafsky, D.

2009

- **Disambiguating DE for Chinese-English Machine Translation**

Chang, P., Jurafsky, D., Manning, Christopher, D.

2009

- **Stanford University's Arabic-to-English Statistical Machine Translation System for the 2009 NIST Evaluation** *The 2009 NIST Open Machine Translation Evaluation Workshop*

Galley, M., Green, S., Cer, D., Chang, P., Manning, Christopher, D.

2009

- **Hierarchical Bayesian Domain Adaptation.**

Finkel, J. R., Manning, Christopher, D.

2009

- **It's Not You, it's Me: Detecting Flirting and its Misperception in Speed-Dates**

Ranganath, R., Jurafsky, D., McFarland, D.

2009

- **Textual Entailment Features for Machine Translation Evaluation**

Padó, S., Galley, M., Jurafsky, D., Manning, Christopher, D.

2009

- **Robust Machine Translation Evaluation with Entailment Features**

Padó, S., Galley, M., Jurafsky, D., Manning, C.

2009

- **Labeled LDA: A supervised topic model for credit attribution in multi-labeled corpora**

Ramage, D., Hall, D., Nallapati, R., Manning, Christopher, D.

2009

- **Nested Named Entity Recognition**

Finkel, e. R., Manning, Christopher, D.

2009

- **A global joint model for semantic role labeling** *COMPUTATIONAL LINGUISTICS*

Toutanova, K., Haghighi, A., Manningt, C. D.

2008; 34 (2): 161-191

- **The Stanford typed dependencies representation**

Marneffe, M. d., Manning, Christopher, D.



2008

- **Studying the History of Ideas Using Topic Models.**  
Hall, David, L.W., Jurafsky, D., Manning, Christopher, D.  
2008
- **Modeling semantic containment and exclusion in natural language inference**  
MacCartney, B., Manning, Christopher, D.  
2008
- **Optimizing Chinese Word Segmentation for Machine Translation Performance.**  
Chang, P., Galley, M., Manning, C.  
2008
- **Parsing Three German Treebanks: Lexicalized and Unlexicalized Baselines.**  
Rafferty, A., Manning, Christopher, D.  
2008
- **Deciding Entailment and Contradiction with Stochastic and Edit Distance-based Alignment**  
Padó, S., Marneffe, M. d., MacCartney, B., Rafferty, Anna, N., Yeh, E., Manning, Christopher, D.  
2008
- **Modeling semantic containment and exclusion in natural language inference**  
MacCartney, B., Manning, Christopher, D.  
2008
- **Legal Docket Classification: Where Machine Learning Stumbles**  
Nallapati, R., Manning, Christopher, D.  
2008
- **A phrase-based alignment model for natural language inference**  
MacCartney, B., Galley, M., Manning, Christopher, D.  
2008
- **Maximum Conditional Likelihood Linear Regression and Maximum a Posteriori for Hidden Conditional Random Fields Speaker Adaptation**  
Sung, Y., Boulis, C., Jurafsky, D.  
2008
- **Detecting prominence in conversational speech: pitch accent, givenness and focus**  
Sridhar, V. K., Nenkova, A., Narayanan, S., Jurafsky, D.  
2008
- **A Structured Vector Space Model for Word Meaning in Context**  
Erk, K., Padó, S.  
2008
- **Jointly Combining Implicit Constraints Improves Temporal Ordering**  
Chambers, N., Jurafsky, D.  
2008
- **Finding Contradictions in Text**  
Goldwater, S., Jurafsky, D., Manning, Christopher, D.  
2008
- **Which words are hard to recognize? Lexical, prosodic, and disfluency factors that increase ASR error rates**  
Goldwater, S., Jurafsky, D., Manning, Christopher, D.  
2008
- **Efficient, Feature-based, Conditional Random Field Parsing.**  
Finkel, J. R., Kleeman, A., Manning, Christopher, D.

2008

- **Social Tag Prediction**

Heymann, P., Ramage, D., Garcia-Molina, H.

2008

- **Semantic Role Assignment for Event Nominalisations by Leveraging Verbal Data**

Padó, S., Pennacchiotti, M., Sporleder, C.

2008

- **The Stanford typed dependencies representation**

Marneffe, M. d., Manning, Christopher, D.

2008

- **Regularization and Search for Minimum Error Rate Training**

Cer, D., Jurafsky, D., Manning, Christopher, D.

2008

- **Finding Contradictions in Text**

Marneffe, M. d., Rafferty, Anna, N., Manning, Christopher, D.

2008

- **Studying the History of Ideas Using Topic Models**

Hall, D., Jurafsky, D., Manning, Christopher, D.

2008

- **Speech and Language Processing: An Introduction to Natural Language Processing, Speech Recognition, and Computational Linguistics.**

Manning, Christopher, D., Jurafsky, D., Martin, James, H.

Prentice-Hall.2008

- **Constructing Integrated Corpus and Lexicon Models for Multi-Layer Annotation in OWL DL** *Linguistic Issues in Language Technologies*

Burchardt, A., Padó, S., Spohr, D., Frank, A., Heid, U.

2008; 1: 1-33

- **Comparing and Combining Semantic Verb Classifications.** *Journal of Language Resources and Evaluation*

#ulo, O., Erk, K., Padó, S., im Walde, S. S.

2008; 3 (42)

- **Introduction to Information Retrieval. Cambridge: Cambridge University Press.**

Manning, Christopher, D., Raghavan, P., Schütze, H.

2008

- **A phrase-based alignment model for natural language inference**

MacCartney, B., Galley, M., Manning, Christopher, D.

2008

- **A Simple and Effective Hierarchical Phrase Reordering Model**

Galley, M., Manning, Christopher, D.

2008

- **Enforcing Transitivity in Coreference Resolution**

Finkel, J. R., Manning, Christopher, D.

2008

- **Cheap and Fast - But is it Good? Evaluating Non-Expert Annotations for Natural Language Tasks**

Snow, R., O'Connor, B., Jurafsky, D., Ng, Andrew, Y.

2008

- **Unsupervised Learning of Narrative Event Chains**

Chambers, N., Jurafsky, D.

2008

- **A Simple and Effective Hierarchical Phrase Reordering Model**

Galley, M., Manning, Christopher, D.

2008

- **Optimizing Chinese Word Segmentation for Machine Translation Performance**

Chang, P., Galley, M., Manning, Christopher, D.

2008

- **Enforcing Transitivity in Coreference Resolution.**

Finkel, J. R., Manning, Christopher, D.

2008

- **Which Words Are Hard to Recognize? Prosodic, Lexical, and Disfluency Factors that Increase ASR Error Rates**

Goldwater, S., Jurafsky, D., Manning, Christopher, D.

2008

- **Efficient, Feature-based, Conditional Random Field Parsing**

Finkel, J. R., Kleeman, A., Manning, Christopher, D.

2008

- **Regularization, adaptation, and non-independent features improve Hidden Conditional Random Fields for phone classification** *IEEE Workshop on Automatic Speech Recognition and Understanding*

Sung, Y., Boulis, C., Manning, C., Jurafsky, D.

IEEE.2007: 347–352

- **Modelling Prominence and Emphasis Improves Unit-Selection Synthesis**

Strom, V., Nenkova, A., Clark, R., Vazquez-Alvarez, Y., Brenier, J., King, S.

2007

- **Aligning semantic graphs for textual inference and machine reading.**

Marneffe, M. d., Grenager, T., MacCartney, B., Cer, D., Ramage, D., Kiddon, C., Manning, Christopher, D.

2007

- **Measuring Importance and Query Relevance in Topic-focused Multi-document Summarization**

Gupta, S., Nenkova, A., Jurafsky, D.

2007

- **Learning to Merge Word Senses**

Snow, R., Prakash, S., Jurafsky, D., Ng, Andrew, Y.

2007

- **Classifying Temporal Relations Between Events**

Chambers, N., Wang, S., Jurafsky, D.

2007

- **Learning Alignments and Leveraging Natural Logic**

Chambers, N., Cer, D., Grenager, T., Hall, D., Kiddon, C., MacCartney, B., Manning, Christopher, D.

2007

- **The Effect of Lexical Frequency on Tone Production**

Zhao, Y., Jurafsky, D.

2007

- **Aligning semantic graphs for textual inference and machine reading**

Marneffe, M. d., Grenager, T., MacCartney, B., Cer, D., Ramage, D., Kiddon, C., Manning, Christopher, D.

2007

- **The Infinite Tree**

Finkel, J. R., Grenager, T., Manning, Christopher, D.

2007

- **Lexical Semantic Relatedness with Random Graph Walks**

Hughes, T., Ramage, D.

2007

- **Disambiguating Between Generic and Referential “You” in Dialog**

Gupta, S., Purver, M., Jurafsky, D.

2007

- **Natural logic for textual inference**

MacCartney, B., Manning, Christopher, D.

2007

- **A fully Bayesian approach to unsupervised part-of-speech tagging.**

Goldwater, S., Griffiths, Thomas, L.

2007

- **A Discriminative Syntactic Word Order Model for Machine Translation**

Chang, P., Toutanova, K.

2007

- **Learning Alignments and Leveraging Natural Logic**

Chambers, N., Cer, D., Grenager, T., Hall, D., Kiddon, C., MacCartney, B., Manning, Christopher, D.

2007

- **Natural logic for textual inference.**

MacCartney, B., Manning, Christopher, D.

2007

- **Probabilistic models of language processing and acquisition** *Workshop on Probabilistic Models of Cognition - The Mathematics of Mind*

Chater, N., Manning, C. D.

ELSEVIER SCIENCE LONDON.2006: 335–44

- **An Effective Two-Stage Model for Exploiting Non-Local Dependencies in Named Entity Recognition** *21st International Conference on Computational Linguistics/44th Annual Meeting of the Association for Computational Linguistics*

Krishnan, V., Manning, C. D.

ASSOC COMPUTATIONAL LINGUISTICS-ACL.2006: 1121–1128

- **Detection of Word Fragments in Mandarin Telephone Conversation**

Chu, C., Sung, Y., Zhao, Y., Jurafsky, D.

2006

- **Learning to distinguish valid textual entailments**

Marneffe, M. d., MacCartney, B., Grenager, T., Cer, D., Rafferty, A., Manning, Christopher, D.

2006

- **Automatically Detecting Action Items in Audio Meeting Recordings**

Morgan, W., Chang, P., Gupta, S., Brenier, Jason, M.

2006

- **Unsupervised Discovery of a Statistical Verb Lexicon.**

Grenager, T., Manning, Christopher, D.

2006

- **Tregex and Tsurgeon: tools for querying and manipulating tree data structures.**

Levy, R., Andrew, G.

2006

- **Generating Typed Dependency Parses from Phrase Structure Parses**

Marneffe, M. d., MacCartney, B., Manning, Christopher, D.

2006

- **Solving the Problem of Cascading Errors: Approximate Bayesian Inference for Linguistic Annotation Pipelines**  
Finkel, J. R., Manning, Christopher, D., Ng, Andrew, Y.  
2006
- **The (Non)Utility of Linguistic Features for Predicting Prominence in Spontaneous Speech**  
Brenier, Jason, M., Nenkova, A., Kothari, A., Whitton, L., Beaver, D., Jurafsky, D.  
2006
- **Learning to recognize features of valid textual entailments.**  
MacCartney, B., Grenager, T., Marneffe, M. d., Cer, D., Manning, Christopher, D.  
2006
- **Learning to distinguish valid textual entailments.**  
Marneffe, M. d., MacCartney, B., Grenager, T., Cer, D., Rafferty, A., Manning, Christopher, D.  
2006
- **olving the Problem of Cascading Errors: Approximate Bayesian Inference for Linguistic Annotation Pipelines.**  
Finkel, J. R., Manning, Christopher, D., Ng, Andrew, Y.  
2006
- **Graphical Model Representations of Word Lattices**  
Ji, G., Bilmes, J., Michels, J., Kirchhoff, K., Manning, C.  
2006
- **Ergativity** *Encyclopedia of Language & Linguistics, Second Edition*  
Manning, Christopher, D.  
edited by Keith Brown, Ergativity., In  
Oxford: Elsevier.2006: 210–217
- **Learning to recognize features of valid textual entailments**  
MacCartney, B., Grenager, T., Marneffe, M. d., Cer, D., Manning, Christopher, D.  
2006
- **Semantic Taxonomy Induction from Heterogenous Evidence**  
Snow, R., Jurafsky, D., Ng, Andrew, Y.  
2006
- **Local Textual Inference: It's hard to circumscribe, but you know it when you see it - and NLP needs it** *MS, Stanford University*  
Manning, Christopher, D.  
2006
- **Generating Typed Dependency Parses from Phrase Structure Parses**  
Marneffe, M. d., MacCartney, B., Manning, Christopher, D.  
2006
- **Unsupervised Discovery of a Statistical Verb Lexicon**  
Grenager, T., Manning, Christopher, D.  
2006
- **Programming for linguists: Java (TM) technology for language researchers. (Book Review)** *LANGUAGE*  
Book Review Authored by: Manning, C.  
2005; 81 (3): 740-742
- **Natural language grammar induction with a generative constituent-context model** *40th Annual Meeting of the Association-for-Computational-Linguistics*  
Klein, D., Manning, C. D.  
ELSEVIER SCI LTD.2005: 1407–19
- **Exploring the boundaries: gene and protein identification in biomedical text** *BMC BIOINFORMATICS*  
Finkel, J., Dingare, S., Manning, C. D., Nissim, M., Alex, B., Grover, C.

2005; 6

- **A system for identifying named entities in biomedical text: how results from two evaluations reflect on both the system and the evaluations** *ISMB BioLink 2004 Meeting*  
Dingare, S., Nissim, M., Finkel, J., Manning, C., Grover, C.  
HINDAWI PUBLISHING CORPORATION.2005: 77-85
- **Robust Textual Inference using Diverse Knowledge Sources**  
Raina, R., Haghighi, A., Cox, C., Finkel, J., Michels, J., Toutanova, K., Manning, Christopher, D.  
2005
- **Incorporating non-local information into information extraction systems by Gibbs sampling.**  
Finkel, J., Grenager, T., Manning, Christopher, D.  
2005
- **Accent Detection and Speech Recognition for Shanghai-Accented Mandarin**  
Zheng, Y., Sproat, R., Gu, L., Shafran, I., Zhou, H., Su, Y.  
2005
- **A Joint Model for Semantic Role Labeling**  
Haghighi, A., Toutanova, K., Manning, Christopher, D.  
2005
- **A Conditional Random Field Word Segmenter**  
Tseng, H., Chang, P., Andrew, G., Jurafsky, D., Manning, C.  
2005
- **Stochastic HPSG Parse Disambiguation using the Redwoods Corpus.** *Research in Language and Computation*  
Toutanova, K., Manning, Christopher, D., Flickinger, D., Oepen, S.  
2005
- **LinGO Redwoods: A Rich and Dynamic Treebank for HPSG** *Research in Language and Computation*  
Oepen, S., Flickinger, D., Toutanova, K., Manning, Christopher, D.  
2005
- **Robust Textual Inference via Graph Matching** *HLT-EMNLP*  
Haghighi, A., Ng, Andrew, Y., Manning, Christopher, D.  
2005: 387-394
- **Pitch Accent Prediction: Effects of Genre and Speaker**  
Yuan, J., Brenier, Jason, M., Jurafsky, D.  
2005
- **The Detection of Emphatic Words Using Acoustic and Lexical Features**  
Brenier, Jason, M., Cer, D., Jurafsky, D.  
2005
- **A preliminary study of Mandarin filled pauses.**  
Zhao, Y., Jurafsky, D.  
2005
- **Unsupervised learning of field segmentation models for information extraction**  
Grenager, T., Klein, D., Manning, Christopher, D.  
2005
- **Stochastic HPSG Parse Disambiguation using the Redwoods Corpus**  
Toutanova, K., Manning, Christopher, D., Flickinger, D., Oepen, S.  
2005
- **Template Sampling for Leveraging Domain Knowledge in Information Extraction**  
Cox, C., Nicolson, J., Finkel, J. R., Manning, C., Langley, P.

2005

- **Robust textual inference via learning and abductive reasoning.**

Raina, R., Ng, Andrew, Y., Manning, C.

2005

- **Morphological features help POS tagging of unknown words across language varieties**

Tseng, H., Jurafsky, D., Manning, C.

2005

- **Unsupervised Learning of Field Segmentation Models for Information Extraction**

Grenager, T., Klein, D., Manning, Christopher, D.

2005

- **Incorporating Non-local Information into Information Extraction Systems by Gibbs Sampling.**

Finkel, J. R., Grenager, T., Manning, C.

2005

- **Joint learning improves semantic role labeling**

Toutanova, K., Haghighi, A., Manning, Christopher, D.

2005

- **Semantic Role Labeling Using Different Syntactic Views**

Pradhan, S., Ward, W., Hacioglu, K., Martin, J., Jurafsky, D.

2005

- **A Conditional Random Field Word Segmenter**

Tseng, H., Chang, P., Andrew, G., Jurafsky, D., Manning, C.

2005

- **Joint Learning Improves Semantic Role Labeling**

Toutanova, K., Haghighi, A., Manning, Christopher, D.

2005

- **Learning syntactic patterns for automatic hypernym discovery**

Snow, R., Jurafsky, D., Ng, A.

2005

- **A Rich and Dynamic Treebank for HPSG**

Oepen, S., Flickinger, D., Toutanova, K., Manning, Christopher, D.

2005

- **How useful and usable are dictionaries for speakers of Australian indigenous languages? *INTERNATIONAL JOURNAL OF LEXICOGRAPHY***

Corris, M., Manning, C., Poetsch, S., Simpson, J.

2004; 17 (1): 33-68

- **Parsing and hypergraphs *7th International Workshop on Parsing Technology***

Klein, D., Manning, C. D.

SPRINGER.2004: 351-372

- **Solving logic puzzles: from robust processing to precise semantics.**

Lev, I., MacCartney, B., Manning, Christopher, D., Levy, R.

2004

- **Deep dependencies from context-free statistical parsers: correcting the surface dependency approximation.**

Levy, R., Manning, Christopher, D.

2004

- **A System For Identifying Named Entities in Biomedical Text: How Results From Two Evaluations Reflect on Both the System and the Evaluations**

Dingare, S., Finkel, J., Nissim, M., Manning, C., Grove, C.

2004

- **Exploiting Context for Biomedical Entity Recognition: From Syntax to the Web**  
Finkel, J., Dingare, S., Nguyen, H., Nissim, M., Manning, C., Sinclair, G.  
2004
- **Shallow semantic parsing using support vector machines.**  
Pradhan, S., Ward, W., Hacioglu, K., Martin, J., Jurafsky, D.  
2004
- **Exploiting Context for Biomedical Entity Recognition: From Syntax to the Web**  
Finkel, J., Dingare, S., Nguyen, H., Nissim, M., Manning, C., Sinclair, G.  
2004
- **Deep dependencies from context-free statistical parsers: correcting the surface dependency approximation**  
Levy, R., Manning, Christopher, D.  
2004
- **Corpus-Based Induction of Syntactic Structure: Models of Dependency and Constituency**  
Klein, D., Manning, Christopher, D.  
2004
- **Solving Logic Puzzles: From Robust Processing to Precise Semantics**  
Lev, I., MacCartney, B., Manning, Christopher, D., Levy, R.  
2004
- **Max-Margin Parsing**  
Taskar, B., Klein, D., Collins, M., Koller, D., Manning, C.  
2004
- **Log-Linear Models for Label Ranking** *Advances in Neural Information Processing Systems 16 (NIPS 2003)*.  
Dekel, O., Manning, Christopher, D., Singer, Y.  
edited by Thrun, S., Saul, Lawrence, K., Schölkopf, B.  
Cambridge, MA: MIT Press.2004: 497–504
- **Corpus-Based Induction of Syntactic Structure: Models of Constituency and Dependency** *Language Learning: An Interdisciplinary Perspective*.  
Klein, D., Manning, Christopher, D.  
edited by Cohen, P., Clark, A., Hovy, E.  
AAAI Spring Symposium.2004: 32–38
- **Exploring Sentiment Summarization** *Exploring Attitude and Affect in Text: Theories and Applications*  
Beineke, P., Hastie, T., Manning, C., Vaithyanathan, S.  
edited by Qu, I. Y., Shanahan, J., Wiebe, J.  
AAAI Spring Symposium Technical Report SS-04-07.2004: 12–15
- **Automatic extraction of option propositions and their holders**  
Bethard, S., Yu, H., Thornton, A., Hativassiloglou, V., Jurafsky, D.  
2004
- **Parsing arguments of nominalizations in English and Chinese.**  
Pradhan, S., Sun, H., Ward, W., Martin, J., Jurafsky, D.  
2004
- **Verb Sense and Subcategorization: Using Joint Inference to Improve Performance on Complementary Tasks**  
Andrew, G., Grenager, T., Manning, C.  
2004
- **Parsing and Hypergraphs.** *New Developments in Parsing Technology*.  
Klein, D., Manning, Christopher, D.  
edited by Bunt, H., Carroll, J., Satta, G.



---

Dordrecht: Kluwer Academic Publishers.2004: 351–372

- **Automatic tagging of arabic text: from raw text to base phrase chunks.**  
Diab, M., Hacioglu, K., Jurafsky, D.  
2004
- **Log-Linear Models for Label Ranking** *Advances in Neural Information Processing Systems 16 (NIPS 2003)*  
Dekel, O., Manning, Christopher, D., Singer, Y.  
edited by Thrun, S., Saul, Lawrence, K., Schölkopf, B.  
Cambridge.2004: 497–504
- **Exploring the Boundaries: Gene and Protein Identification in Biomedical Text**  
Dingare, S., Finkel, J., Manning, C., Nissim, M., Alex, B.  
2004
- **Learning Random Walk Models for Inducing Word Dependency Distributions**  
Toutanova, K., Manning, Christopher, D., Ng, Andrew, Y.  
2004
- **The Leaf Projection Path View of Parse Trees: Exploring String Kernels for HPSG Parse Selection**  
Toutanova, K., Markova, P., Manning, C.  
2004
- **Using feature conjunctions across examples for learning pairwise classifiers** *15th European Conference on Machine Learning/8th European Conference on Principles and Practice of Knowledge Discovery in Databases*  
Oyama, S., Manning, C. D.  
SPRINGER-VERLAG BERLIN.2004: 322–333
- **Optimizing local probability models for statistical parsing** *14th European Conference on Machine Learning*  
Toutanova, K., Mitchell, M., Manning, C. D.  
SPRINGER-VERLAG BERLIN.2003: 409–420
- **Spectral Learning**  
Kamvar, Sepandar, D., Klein, D., Manning, Christopher, D.  
2003
- **The EigenTrust Algorithm for Reputation Management in P2P Networks**  
Kamvar, Sepandar, D., Schlosser, Mario, T., Garcia-Molina, H.  
2003
- **Addressing the Non-Cooperation Problem in Competitive P2P Networks**  
Yang, B., Kamvar, Sepandar, D., Garcia-Molina, H.  
2003
- **Incentives for Combatting Freeriding on P2P Networks**  
Kamvar, Sepandar, D., Schlosser, Mario, T., Garcia-Molina, H.  
2003
- **Adaptive Methods for the Computation of PageRank** *In Linear Algebra and its Applications, Special Issue on the Numerical Solution of Markov Chains*  
Kamvar, Sepandar, D., Haveliwala, Taher, H., Golub, Gene, H.  
2003
- **The Second Eigenvalue of the Google Matrix** *Stanford University Technical Report, March*  
Haveliwala, Taher, H., Kamvar, Sepandar, D.  
2003
- **Named Entity Recognition with Character-Level Models**  
Klein, D., Smarr, J., Nguyen, H., Manning, Christopher, D.  
2003

- **Fast Exact Inference with a Factored Model for Natural Language Parsing** *Advances in Neural Information Processing Systems 15 (NIPS 2002)*  
Klein, D., Manning, Christopher, D.  
edited by Becker, S., Thrun, S., Obermayer, K.  
Cambridge, MA: MIT Press.2003: 3–10
- **An Analytical Comparison of Approaches to Personalizing PageRank** *Stanford University Technical Report, June*  
Haveliwala, Taher, H., Kamvar, Sepandar, D., Jeh, G.  
2003
- **Parse Selection on the Redwoods Corpus: 3rd Growth Results.** *Technical report dbpubs 2003-64, Stanford University.*  
Toutanova, K., Manning, Christopher, D., Oepen, S., Flickinger, D.  
2003
- **Extrapolation Methods for Accelerating PageRank Computations**  
Kamvar, Sepandar, D., Haveliwala, Taher, H., Manning, Christopher, D., Golub, Gene, H.  
2003
- **Extrapolation Methods for Accelerating PageRank Computations.**  
Kamvar, Sepandar, D., Haveliwala, Taher, H., Manning, Christopher, D., Golub, Gene, H.  
2003
- **Factored A\* Search for Models over Sequences and Trees**  
Klein, D., Manning, Christopher, D.  
2003
- **Computing PageRank using Power Extrapolation** *Stanford University Technical Report dbpubs/2003-45*  
Haveliwala, T., Kamvar, S., Klein, D., Manning, C., Golub, G.  
2003
- **Spectral Learning**  
Kamvar, Sepandar, D., Klein, D., Manning, Christopher, D.  
2003
- **Factored A\* Search for Models over Sequences and Trees**  
Klein, D., Manning, Christopher, D.  
2003
- **Finding Educational Resources on the Web: Exploiting Automatic Extraction of Metadata**  
Thompson, Cynthia, A., Smarr, J., Nguyen, H., Manning, C.  
2003
- **Statistical approaches to natural language processing** *Encyclopedia of Cognitive Science.*  
Manning, Christopher, D.  
edited by Nadel, L.  
London: Nature Publishing Group.2003: 1
- **Exploiting the Block Structure of the Web for Computing PageRank** *Stanford University Technical Report, June*  
Kamvar, Sepandar, D., Haveliwala, Taher, H., Manning, Christopher, D., Golub, Gene, H.  
2003
- **The Condition Number of the PageRank Problem** *Stanford University Technical Report, June*  
Kamvar, Sepandar, D., Haveliwala, Taher, H.  
2003
- **Exploiting the Block Structure of the Web for Computing PageRank** *Stanford University Technical Report dbpubs/2003-17*  
Kamvar, Sepandar, D., Haveliwala, Taher, H., Manning, Christopher, D., Golub, Gene, H.  
2003
- **A generative model for semantic role labeling** *14th European Conference on Machine Learning*  
Thompson, C. A., Levy, R., Manning, C. D.

---

SPRINGER-VERLAG BERLIN.2003: 397–408

- **Accurate unlexicalized parsing** *41st Annual Meeting of the Association-for-Computational-Linguistics*  
Klein, D., Manning, C. D.  
ASSOCIATION COMPUTATIONAL LINGUISTICS.2003: 423–430
- **Probabilistic syntax** *Symposium on Probability Theory in Linguistics held at the Linguistic-Society-of-America Meeting*  
Manning, C. D.  
M I T PRESS.2003: 289–341
- **A\* parsing: Fast extract viterbi parse selection** *Human Language Technology Conference*  
Klein, D., Manning, C. D.  
ASSOCIATION COMPUTATIONAL LINGUISTICS.2003: 119–126
- **Feature-rich part-of-speech tagging with a cyclic dependency network** *Human Language Technology Conference*  
Toutanova, K., Klein, D., Manning, C. D., Singer, Y.  
ASSOCIATION COMPUTATIONAL LINGUISTICS.2003: 252–259
- **Is it harder to parse Chinese, or the Chinese treebank?** *41st Annual Meeting of the Association-for-Computational-Linguistics*  
Levy, R., Manning, C.  
ASSOCIATION COMPUTATIONAL LINGUISTICS.2003: 439–446
- **Beyond grammar: An experiences theory of language (Book Review)** *JOURNAL OF LINGUISTICS*  
Book Review Authored by: Manning, C. D.  
2002; 38 (2): 441-442
- **A generative constituent-context model for improved grammar induction** *40th Annual Meeting of the Association-for-Computational-Linguistics*  
Klein, D., Manning, C. D.  
ASSOCIATION COMPUTATIONAL LINGUISTICS.2002: 128–135
- **Parse Disambiguation for a Rich HPSG Grammar.**  
Toutanova, K., Manning, Christopher, D., Shieber, Stuart, M., Flickinger, D., Oepen, S.  
2002
- **From Instance-level Constraints to Space-level Constraints: Making the Most of Prior Knowledge in Data Clustering**  
Klein, D., Kamvar, Sepandar, D., Manning, Christopher, D.  
2002
- **LinGO Redwoods. A Rich and Dynamic Treebank for HPSG**  
Oepen, S., Flickinger, D., Toutanova, K., Manning, Christopher, D.  
2002
- **Combining Heterogeneous Classifiers for Word-Sense Disambiguation**  
Klein, D., Toutanova, K., Ilhan, H., Tolga, Kamvar, Sepandar, D., Manning, Christopher, D.  
2002
- **Evaluating Strategies for Similarity Search on the Web**  
Haveliwala, T., Gionis, A., Klein, D., Indyk, P.  
2002
- **LinGO Redwoods: A Rich and Dynamic Treebank for HPSG**  
Oepen, S., Callahan, E., Flickinger, D., Manning, Christopher, D., Toutanova, K.  
2002
- **Simulating a File-Sharing P2P Network**  
Schlosser, Mario, T., Condie, Tyson, E., Kamvar, Sepandar, D.  
2002
- **Pronunciation Modeling for Improved Spelling Correction**  
Toutanova, K., Moore, Robert, C.

2002

- **Interpreting and Extending Classical Agglomerative Clustering Algorithms using a Model-Based Approach**  
Kamvar, Sepandar, D., Klein, D., Manning, Christopher, D.  
2002
- **The LinGO Redwoods Treebank: Motivation and Preliminary Applications**  
Oepen, S., Toutanova, K., Shieber, S., Manning, C., Flickinger, D., Brants, T.  
2002
- **LinGO Redwoods: A Rich and Dynamic Treebank for HPSG**  
Oepen, S., Callahan, E., Flickinger, D., Manning, Christopher, D., Toutanova, K.  
2002
- **LinGO Redwoods. A Rich and Dynamic Treebank for HPSG.**  
Oepen, S., Flickinger, D., Toutanova, K., Manning, Christopher, D.  
2002
- **Parse Disambiguation for a Rich HPSG Grammar**  
Toutanova, K., Manning, Christopher, D., Shieber, Stuart, M., Flickinger, D., Oepen, S.  
2002
- **Natural Language Grammar Induction using a Constituent-Context Model.** *Advances in Neural Information Processing Systems 14 (NIPS 2001)*  
Klein, D., Manning, Christopher, D.  
edited by Dietterich, Thomas, G., Becker, S., Ghahramani, Z.  
Cambridge, MA: MIT Press.2002: 35–42
- **Review of Rens Bod, Beyond Grammar: An Experience-based Theory of Language.** *Journal of Linguistics*  
Manning, C.  
2002; 2 (38): 441-442
- **The LinGO Redwoods Treebank: Motivation and Preliminary Applications.**  
Oepen, S., Toutanova, K., Shieber, S., Manning, C., Flickinger, D., Brants, T.  
2002
- **Feature Selection for a Rich HPSG Grammar Using Decision Trees**  
Toutanova, K., Manning, Christopher, D.  
2002
- **Inducing Novel Gene-Drug Interactions from the Biomedical Literature** *Stanford University Technical Report, December*  
Kamvar, Sepandar, D., Oliver, Diane, E., Manning, Christopher, D., Altman, Russ, B.  
2002
- **Combining Heterogeneous Classifiers for Word-Sense Disambiguation.**  
Klein, D., Toutanova, K., Ilhan, H., Tolga, Kamvar, Sepandar, D., Manning, Christopher, D.  
2002
- **Dictionaries and Endangered Languages** *Language Endangerment and Language Maintenance.*  
Corris, M., Manning, C., Poetsch, S.  
edited by Bradley, D., Bradley, M.  
London: RoutledgeCurzon.2002: 329–347
- **A\* Parsing: Fast Exact Viterbi Parse Selection.** *Stanford University Technical Report dbpubs/2002-16*  
Klein, D., Manning, Christopher, D.  
2002
- **Review of Rens Bod, Beyond Grammar: An Experience-based Theory of Language** *Journal of Linguistics*  
Manning, C.  
2002; 2 (38): 441-442

- **From Instance-level Constraints to Space-level Constraints: Making the Most of Prior Knowledge in Data Clustering.**  
Klein, D., Kamvar, Sepandar, D., Manning, Christopher, D.  
2002
- **Feature Selection for a Rich HPSG Grammar Using Decision Trees**  
Toutanova, K., Manning, Christopher, D.  
2002
- **Extensions to HMM-based statistical word alignment models** *Conference on Empirical Methods in Natural Language Processing*  
Toutanova, K., Ilhan, H. T., Manning, C. D.  
ASSOCIATION COMPUTATIONAL LINGUISTICS.2002: 87–94
- **Natural language grammar induction using a constituent-context model** *15th Annual Conference on Neural Information Processing Systems (NIPS)*  
Klein, D., Manning, C. D.  
M I T PRESS.2002: 35–42
- **Conditional structure versus conditional estimation in NLP models** *Conference on Empirical Methods in Natural Language Processing*  
Klein, D., Manning, C. D.  
ASSOCIATION COMPUTATIONAL LINGUISTICS.2002: 9–16
- **Parsing with treebank grammars: Empirical bounds, theoretical models, and the structure of the Penn Treebank** *39th Annual Meeting of the Association-for-Computational-Linguistics*  
Klein, D., Manning, C. D.  
ASSOCIATION COMPUTATIONAL LINGUISTICS.2001: 330–337
- **Parsing and Hypergraphs**  
Klein, D., Manning, Christopher, D.  
2001
- **Text Classification in a Hierarchical Mixture Model for Small Training Sets**  
Toutanova, K., Chen, F., Popat, K., Hofmann, T.  
2001
- **An  $O(n^3)$  Agenda-Based Chart Parser for Arbitrary Probabilistic Context-Free Grammars**  
Klein, D., Manning, Christopher, D.  
2001
- **What's needed for lexical databases? Experiences with Kirrkir**  
Manning, C., Parton, K.  
2001
- **Parsing and Hypergraphs**  
Klein, D., Manning, Christopher, D.  
2001
- **An  $O(n^3)$  Agenda-Based Chart Parser for Arbitrary Probabilistic Context-Free Grammars** *Stanford Technical Report dbpubs/2001-16*  
Klein, D., Manning, Christopher, D.  
2001
- **Kirrkir: Software for browsing and visual exploration of a structured Warlpiri dictionary.** *Literary and Linguistic Computing*,  
Manning, Christopher, D., Jansz, K., Indurkha, N.  
2001; 2 (16): 123-139
- **Soft Constraints Mirror Hard Constraints: Voice and Person in English and Lummi**  
Bresnan, J., Dingare, S., Manning, Christopher, D.  
2001
- **An Oncology Patient Interface to Medline**  
Bernstam, E., Kamvar, Sepandar, D., Meric, F., Dugan, J., Chizek, S., Stave, C.  
2001

- **Combining Heterogeneous Classifiers for Word-Sense Disambiguation**  
Ilhan, H., Tolga, Kamvar, Sepandar, D., Klein, D., Manning, Christopher, D., Toutanova, K.  
2001
- **What's needed for lexical databases? Experiences with Kirrkirr**  
Manning, C., Parton, K.  
2001
- **Distributional Phrase Structure Induction**  
Klein, D., Manning, Christopher, D.  
2001
- **Kirrkirr: Software for browsing and visual exploration of a structured Warlpiri dictionary** *Literary and Linguistic Computing*  
Manning, Christopher, D., Jansz, K., Indurkha, N.  
2001; 2 (16): 135-151
- **Synovial tissue in rheumatoid arthritis is a source of osteoclast differentiation factor** *4th International Synovitis Workshop*  
Gravallese, E. M., Manning, C., Tsay, A., Naito, A., Pan, C., Amento, E., GOLDRING, S. R.  
WILEY-BLACKWELL.2000: 250–58
- **What's related? Generalizing approaches to related articles in medicine** *Annual Symposium of the American-Medical-Informatics-Association*  
Strasberg, H. R., Manning, C. D., Rindfleisch, T. C., Melmon, K. L.  
HANLEY & BELFUS INC.2000: 838–842
- **Using XSL And XQL For Efficient Customised Access To Dictionary Information.**  
Jansz, K., Sng, W. J., Indurkha, N., Manning, C.  
2000
- **Kirrkirr: Software for browsing and visual exploration of a structured Warlpiri dictionary**  
Manning, Christopher, D., Jansz, K., Indurkha, N.  
2000
- **What's related? Generalizing approaches to related articles in medicine.**  
Strasberg, Howard, R., Manning, Christopher, D., Rindfleisch, Thomas, C., Melmon, Kenneth, L.  
2000
- **Probabilistic Parsing Using Left Corner Language Models** *Advances in Probabilistic and Other Parsing Technologies*  
Manning, Christopher, D., Carpenter, B.  
edited by Bunt, H., Nijholt, A.  
Kluwer Academic Publishers.2000: 105–124
- **What's related? Generalizing approaches to related articles in medicine**  
HR, S., CD, M., TC, R., KL, M.  
2000
- **Using XSL And XQL For Efficient Customised Access To Dictionary Information**  
Jansz, K., Sng, W. J., Indurkha, N., Manning, C.  
2000
- **Medline IRaCS: An Information Retrieval and Clustering System for Genomic Knowledge Acquisition**  
Kamvar, Sepandar, D., Giladi, E., Loring, J., Walker, M.  
2000
- **Bilingual Dictionaries for Australian Languages: User studies on the place of paper and electronic dictionaries**  
Corris, M., Manning, C., Poetsch, S., Simpson, J.  
2000
- **Probabilistic Parsing Using Left Corner Language Models.** *Advances in Probabilistic and Other Parsing Technologies.*  
Manning, Christopher, D., Carpenter, B.  
Kluwer Academic Publishers.2000: 105–124

- **Enriching the knowledge sources used in a maximum entropy part-of-speech tagger** *Joint SIGDAT Conference on Empirical Methods in Natural Language Processing and Very Large Corpora held in Conjunction with the 38th Annual Meeting of the Association-for-Computational-Linguistics*  
Toutanova, K., Manning, C. D.  
ASSOCIATION COMPUTATIONAL LINGUISTICS.2000: 63–70
- **Kirrkirr: Software for browsing and visual exploration of a structured Warlpiri dictionary** *Paper presented at ALLC/ACH 2000. Revised version appears in Literary and Linguistic Computing*  
Manning, Christopher, D., Jansz, K., Indurkha, N.  
2000; 1 (16): 123-139
- **Cognition and Function in Language.**  
Manning, Christopher, D.  
edited by Fox, Barbara, A., Jurafsky, D., Michaelis, Laura, A.  
Stanford, CA: CSLI Publications..1999
- **Dissociations between Argument Structure and Grammatical Relations** *Lexical And Constructional Aspects of Linguistic Explanation*  
Manning, Christopher, D., Sag, Ivan, A.  
edited by Webelhuth, G., Koenig, J. P., Kathol, A.  
CSLI Publications.1999: 63–78
- **Dictionaries and endangered languages**  
Corris, M., Manning, C., Poetsch, S., Simpson, J.  
Paper presented at the Endangered Languages Workshop, La Trobe University, [ps, rtf; published version above, under 2002; earlier version presented at the 1999 Perth Congress of the Applied Linguistics Association of Australia].1999
- **Complex Predicates and Information Spreading in LFG** *Stanford, CA: CSLI Publications*  
Andrews, Avery, D., Manning, Christopher, D.  
1999
- **The Lexical Integrity of Japanese Causatives** *Studies in Contemporary Phrase Structure Grammar*  
Manning, Christopher, D., Sag, Ivan, A., Iida, M.  
edited by Levine, Robert, D., Green, Georgia, M.  
Cambridge: Cambridge University Press.1999: 39–79
- **The Lexical Integrity of Japanese Causatives.** *Studies in Contemporary Phrase Structure Grammar*  
Manning, Christopher, D., Sag, Ivan, A., Iida, M.  
edited by Levine, Robert, D., Green, Georgia, M.  
Cambridge: Cambridge University Press.1999: 39–79
- **Dictionaries and endangered languages**  
Corris, M., Manning, C., Poetsch, S., Simpson, J.  
1999
- **Kirrkirr: Interactive Visualisation And Multimedia From A Structured Warlpiri Dictionary**  
Jansz, K., Manning, Christopher, D., Indurkha, N.  
1999
- **Dissociations between Argument Structure and Grammatical Relations.** *Lexical And Constructional Aspects of Linguistic Explanation*  
Manning, Christopher, D., Sag, Ivan, A.  
CSLI Publications.1999: 63–78
- **Rethinking text segmentation models: An information extraction case study.** *Technical report SULTRY-98-07-01, University of Sydney*  
Manning, C.  
1998
- **A dictionary database template for Australian Languages**  
Baker, B., Manning, C.  
1998
- **Argument Structure, Valence, and Binding.** *Nordic Journal of Linguistics*

- Manning, Christopher, D., Sag, Ivan, A.  
1998; 2 (21): 107-144
- **Voice and grammatical relations in Indonesian: A new perspective**  
Arka, I. W., Manning, C.  
edited by Austin, Peter, K., Musgrave, S.  
1998
  - **Review of David Pesetsky** *Zero Syntax: Experiencers and Cascades. Language 73:*  
Manning, Christopher, D.  
1997: 608-611
  - **Grammatical relations versus binding: On the distinctness of argument structure**  
Manning, C., Corblin, F., Godard, D., Marandin, J. M.  
PETER LANG AG.1997: 79–101
  - **Probabilistic Parsing Using Left Corner Language Models**  
Manning, Christopher, D., Carpenete, B.  
1997
  - **Grammatical Relations versus Binding: On the Distinctness of Argument Structure.** *Empirical Issues in Formal Syntax and Semantics*  
Manning, Christopher, D.  
edited by Corblin, F., Godard, D., Marandin, J., M.  
Bern: Peter Lang ISBN 3-906757-73-0.1997: 1
  - **Ergativity: Argument Structure and Grammatical Relations**  
Manning, Christopher, D.  
Stanford, CA: CSLI Publications/Cambridge University Press Dissertations in Linguistics series. ISBN: 1575860368 (pbk), 1575860376 (hbk)..1996
  - **Argument structure as a locus for binding theory**  
Manning, Christopher, D.  
1996
  - **Romance Complex Predicates: In defence of the right-branching structure**  
Manning, Christopher, D.  
1996
  - **A Theory of Non-constituent Coordination based on Finite State Rules**  
Maxwell III, John, T., Manning, Christopher, D.  
1996
  - **Ergativity: Argument Structure and Grammatical Relations**  
Manning, Christopher, D.  
1995
  - **Dissociations between Argument Structure and Grammatical Relations**  
Manning, Christopher, D., Sag, Ivan, A.  
1995
  - **Dissociating functor-argument structure from surface phrase structure:**  
Manning, Christopher, D.  
1995
  - **Valency versus binding: On the distinctness of argument structure**  
Manning, Christopher, D.  
1995
  - **Ergativity: Argument Structure and Grammatical Relations, PhD Thesis, Stanford** *The revised version has been published by CSLI Publications (see 1996), and this version is not available on the web.*  
Manning, Christopher, D.



1994

- **The lexical integrity of Japanese causatives**

Iida, M., Manning, Christopher, D., O'Neill, P., Sag, Ivan, A.

1994

- **Information Spreading and Levels of Representation in LFG** *CSLI Technical Report CSLI-93-176, Stanford University, Stanford CA.*

Andrews, A., D., Manning, Christopher, D.

1993

- **Automatic acquisition of a large subcategorization dictionary from corpora**

Manning, Christopher, D.

1993

- **Analyzing the verbal noun: Internal and external constraints** *Japanese/Korean Linguistics 3, Stanford*

Manning, Christopher, D.

edited by Choi, S.

CA: Stanford Linguistics Association. 1993: 236–253

- **Romance is so complex** *Technical Report CSLI-92-168, Stanford University, Stanford CA.*

Manning, Christopher, D.

1992

- **Presents embedded under pasts** *ms., Stanford University*

Manning, Christopher, D.

1992

- **LFG within King's descriptive formalism** *ms. Stanford University, Stanford CA.*

Manning, Christopher, D.

1991

- **Lexical Conceptual Structure and Marathi** *ms. Stanford University, Stanford CA*

Manning, Christopher, D.

1991