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
- Associate Director, Institute for Human-Centered Artificial Intelligence (HAI)

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
• Twitter: https://twitter.com/chrmanning

Teaching

COURSES
2022-23
• Foundations of Linguistic Theory: LINGUIST 200 (Aut)
• Natural Language Processing with Deep Learning: CS 224N, LINGUIST 284, SYMSYS 195N (Win)

2021-22
• Natural Language Processing with Deep Learning: CS 224N, LINGUIST 284 (Win)
• Transformers United: CS 25 (Aut)

2020-21
• Natural Language Processing with Deep Learning: CS 224N, LINGUIST 284, SYMSYS 195N (Win)

2019-20
• Natural Language Processing with Deep Learning: CS 224N, LINGUIST 284 (Win)

STANFORD ADVISEES
Doctoral Dissertation Reader (AC)
Nay San, Silei Xu

Doctoral Dissertation Advisor (AC)
Matt Lamm, Ashwin Pradeep Paranjape

Orals Evaluator
Ashwin Pradeep Paranjape

Master's Program Advisor
Anirudhan Badrinath, Gordon Chi, Lucy Lu, Xiaoyuan NI, Candice Penelton, Julie Wang

Doctoral Dissertation Co-Advisor (AC)
Bryan Cai, Demi Guo, Tolulope Ogunremi

Doctoral (Program)
Anna Goldie, John Hewitt, Eric Mitchell, Ashwin Pradeep Paranjape, Shikhar murty
Publications

PUBLICATIONS

• Human Language Understanding & Reasoning *DAEDALUS*
  Manning, C. D.
  2022; 151 (2): 127-138

• Biomedical and clinical English model packages for the Stanza Python NLP library. *Journal of the American Medical Informatics Association : JAMIA*
  Zhang, Y., Zhang, Y., Qi, P., Manning, C. D., Langlotz, C. P.
  2021

• Universal Dependencies *COMPUTATIONAL LINGUISTICS*
  de Marneffe, M., Manning, C. D., Nivre, J., Zeman, D.
  2021; 47 (2): 255-308

• Understanding and predicting user dissatisfaction in a neural generative chatbot
  See, A., Manning, C. D., Assoc Computat Linguist
  ASSOC COMPUTATIONAL LINGUISTICS.2021: 1-12

• Challenges for Information Extraction from Dialogue in Criminal Law
  Hong, J., Voss, C., Manning, C. D., Assoc Computat Linguist
  ASSOC COMPUTATIONAL LINGUISTICS-ACL.2021: 71-81

• Large-Scale Quantitative Evaluation of Dialogue Agents' Response Strategies against Offensive Users
  Li, H., Soylu, D., Manning, C. D., Assoc Computat Linguist
  ASSOC COMPUTATIONAL LINGUISTICS.2021: 556-561

• Effective Social Chatbot Strategies for Increasing User Initiative
  Hardy, A., Paranjape, A., Manning, C. D., Assoc Computat Linguist
  ASSOC COMPUTATIONAL LINGUISTICS-ACL.2021: 99-110

• Syn-QG: Syntactic and Shallow Semantic Rules for Question Generation
  Dhole, K. D., Manning, C. D., Assoc Computat Linguist
  ASSOC COMPUTATIONAL LINGUISTICS-ACL.2020: 752–65

• Stanza: A Python Natural Language Processing Toolkit for Many Human Languages
  Qi, P., Zhang, Y., Zhang, Y., Bolton, J., Manning, C. D., Assoc Computat Linguist
  ASSOC COMPUTATIONAL LINGUISTICS-ACL.2020: 101–8

• Emergent linguistic structure in artificial neural networks trained by self-supervision. *Proceedings of the National Academy of Sciences of the United States of America*
  2020

• GQA: A New Dataset for Real-World Visual Reasoning and Compositional Question Answering *visualreasoning.net*
  Hudson, D. A., Manning, C. D., IEEE Comp Soc
  IEEE.2019: 6693–6702

• What does BERT look at? An Analysis of BERT’s Attention
  Clark, K., Khandelwal, U., Levy, O., Manning, C. D., Assoc Computat Linguist
  ASSOC COMPUTATIONAL LINGUISTICS-ACL.2019: 276–86

• Learning by Abstraction: The Neural State Machine
  NEURAL INFORMATION PROCESSING SYSTEMS (NIPS).2019

• BAM! Born-Again Multi-Task Networks for Natural Language Understanding
  Clark, K., Minh-Thuong Luong, Khandelwal, U., Manning, C. D., Le, Q. V., ACL, Korhonen, A., Traum, D., Marquez, L.
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., Gimn, S., Liang, P., Manning, C. D., Barzilay, R., Kan, M. Y.
ASSOC COMPUTATIONAL LINGUISTICS-ACL.2017: 929–38

A comparison of Named-Entity Disambiguation and Word Sense Disambiguation
EUROPEAN LANGUAGE RESOURCES ASSOC-ELRA.2016: 860–67

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
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

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

Universal Dependencies v1: A Multilingual Treebank Collection
EUROPEAN LANGUAGE RESOURCES ASSOC-ELRA.2016: 1659–66

Enhanced English Universal Dependencies: An Improved Representation for Natural Language Understanding Tasks
EUROPEAN LANGUAGE RESOURCES ASSOC-ELRA.2016: 2371–78
- **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

- **The Stanford CoreNLP Natural Language Processing Toolkit**
  Manning, C. D., Surdeanu, M., Bauer, J., Finkel, J., Bethard, S. J., McClosky, D., Assoc Computat Linguist
  ASSOC COMPUTATIONAL LINGUISTICS-ACL.2014: 55–60

- **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**
  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
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.

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

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

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

  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

  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, L., 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

  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

  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., Marti, 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.
  Márquez, 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

• Multiword 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

• 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, Christopher, D.
2011

• Using Evolutative 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 and 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., Spitkovsky, 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**
  Spitkovsky, 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., Spitkovsky, 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., Manning, 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

  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.
• 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

- Solving 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

- 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**
  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.
• 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

  Dekel, O., Manning, Christopher, D., Singer, Y.
  edited by Thrun, S., Saul, Lawrence, K., Schölkopf, B.

• 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., Vaitthyanathan, S.
  edited by Qu, I. Y., Shanahan, J., Wiebe, J.

• Automatic extraction of option propositions and their holders
  Bethard, S., Yu, H., Thornton, A., Hativassiloglou, V., Jurafsky, D.
  2004

SPRINGER.2004: 351–372
• 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.

• Automatic tagging of arabic text: from raw text to base phrase chunks.
  Diab, M., Hacioglu, K., Jurafsky, D.
  2004

  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
• 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

  Toutanova, K., Manning, Christopher, D., Oepen, S., Flickinger, D.
  2003

• Extrapolation Methods for Accelerating PageRank Computations
  Kamvar, Sepandar, D., Haveliwal, Taher, H., Manning, Christopher, D., Golub, Gene, H.
  2003

• Extrapolation Methods for Accelerating PageRank Computations.
  Kamvar, Sepandar, D., Haveliwal, Taher, H., Manning, Christopher, D., Golub, Gene, H.
  2003

• Factored A* Search for Models over Sequences and Trees
  Klein, D., Manning, Christopher, D.
  2003

  Haveliwal, 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

  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., Haveliwal, 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 dlpubs/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.
  MIT 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.

• 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.

  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.
  MIT 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(n3) Agenda-Based Chart Parser for Arbitrary Probabilistic Context-Free Grammars
  Klein, D., Manning, Christopher, D.
  2001

- What's needed for lexical databases? Experiences with Kirrkirr
  Manning, C., Parton, K.
  2001

- Parsing and Hypergraphs
  Klein, D., Manning, Christopher, D.
  2001

  Klein, D., Manning, Christopher, D.
  2001

  Manning, Christopher, D., Jansz, K., Indurkhy, N.
• 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
  Manning, Christopher, D., Jansz, K., Indurkhya, N.
  2001; 2 (16): 135-151

• Synovial tissue in rheumatoid arthritis is a source of osteoclast differentiation factor
  4th International Synovitis Workshop
  WILEY-BLACKWELL. 2000: 250–58

• What’s related? Generalizing approaches to related articles in medicine
  Strasberg, H. R., Manning, C. D., Rindfleisch, T. C., Melmon, K. L.
  Annual Symposium of the American-Medical-Informatics-Association
  HANLEY & BELFUS INC. 2000: 838–842

• Using XSL And XQL For Efficient Customised Access To Dictionary Information.
  Jansz, K., Sng, W. J., Indurkhya, N., Manning, C.
  2000

• Kirrkirr: Software for browsing and visual exploration of a structured Warlpiri dictionary
  Manning, Christopher, D., Jansz, K., Indurkhya, 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
  Manning, Christopher, D., Carpenter, B.
  Advances in Probabilistic and Other Parsing Technologies
  edited by Bunt, H., Nijholt, A.

• 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., Indurkhya, 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.

- **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., Indurkhya, 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.

- **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.

- **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.

- **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., Indurkhya, 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., Carpente, B.
  1997

  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.

• 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.
• 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.

• 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