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Education

- 2010–present **Postdoctoral Fellow**, *Massachusetts Institute of Technology*, Cambridge, MA.
Supervisor: Michael Collins
- 2005–2010 **Doctor of Philosophy in Computer Science**, *Stanford University*, Stanford, CA.
Advisor: Christopher D. Manning
- 2003–2004 **Master of Science in Computer Science**, *Stanford University*, Stanford, CA.
- 1998–2002 **Bachelor of Science in Computer Science**, *Columbia University*, New York, NY.

Research Interests

Natural Language Processing
Machine Learning
Probabilistic Graphical Models

Fellowships

- 2010–2011 **Computing Innovations (CI) Postdoctoral Fellowship**
- 2008–2010 **Stanford School of Engineering Fellowship**
- 2005–2006 **Stanford Graduate Fellowship**

Publications

- Dissertation **Jenny Rose Finkel**. 2010. *Holistic Language Processing: Joint Models of Linguistic Structure*. PhD Thesis, Stanford University.
- Conferences and Journals **Jenny Rose Finkel** and Christopher D. Manning. 2010. Hierarchical Joint Learning: Improving Joint Parsing and Named Entity Recognition with Non-Jointly Labeled Data. In *Proceedings of 48th Annual Meeting of the Association of Computational Linguistics (ACL 2010)*.
- Jenny Rose Finkel** and Christopher D. Manning. 2009. Nested Named Entity Recognition. In *Conference on Empirical Methods in Natural Language Processing (EMNLP 2009)*, pp. 141–150.
- Jenny Rose Finkel** and Christopher D. Manning. 2009. Joint Parsing and Named Entity Recognition. In *Proceedings of the North American Association of Computational Linguistics (NAACL 2009)*, pp. 326–334.
- Jenny Rose Finkel** and Christopher D. Manning. 2009. Hierarchical Bayesian Domain Adaptation. In *Proceedings of the North American Association of Computational Linguistics (NAACL 2009)*, pp. 602–610.

Jenny Rose Finkel, Alex Kleeman, and Christopher D. Manning. 2008. Efficient, Feature-based, Conditional Random Field Parsing. In *Proceedings of 46th Annual Meeting of the Association of Computational Linguistics (ACL 2008)*, pp. 959–967.

Jenny Rose Finkel and Christopher D. Manning. 2008. Enforcing Transitivity in Coreference Resolution. In *Proceedings of 46th Annual Meeting of the Association of Computational Linguistics (ACL 2008)*, pp. 45–48.

Jenny Rose Finkel, Trond Grenager, and Christopher D. Manning. 2007. The Infinite Tree. In *Proceedings of 45th Annual Meeting of the Association of Computational Linguistics (ACL 2007)*, pp. 272–279.

Jenny Rose Finkel, Christopher D. Manning, and Andrew Ng. 2006. Solving the Problem of Cascading: Errors Approximate Bayesian Inference for Linguistic Annotation Pipelines. In *Conference on Empirical Methods in Natural Language Processing (EMNLP 2006)*, pp. 618–626.

Jenny Rose Finkel, Trond Grenager, and Christopher D. Manning. 2005. Incorporating Non-local Information into Information Extraction Systems by Gibbs Sampling. In *Proceedings of 43rd Annual Meeting of the Association of Computational Linguistics (ACL 2005)*, pp. 363–370.

Shipra Dingare, **Jenny Rose Finkel**, Malvina Nissim, Claire Grover, and Christopher Manning. 2004. A System for Identifying Named Entities in Biomedical Text: How Results from two Evaluations Reflect on both the Systems and the Evaluations. In *Proceedings of Intelligent Systems for Molecular Biology (ISMB), European Conference on Computational Biology (ECCB)*.

Shipra Dingare, Malvina Nissim, **Jenny Finkel**, Claire Grover, and Christopher D. Manning. 2004. A System For Identifying Named Entities in Biomedical Text: How Results From Two Evaluations Reflect on Both the System and the Evaluations. *Comparative and Functional Genomics* 6: 77-85.

Jenny Finkel, Shipra Dingare, Christopher D. Manning, Malvina Nissim, Beatrice Alex, and Claire Grover. 2004. Exploring the Boudanries: Gene and Protein Identification in Biomedical Text. *BMC Bioinformatics* 6 (Suppl. 1).

Workshops Michel Galley, Pi-Chuan Chang, Daniel Cer, **Jenny R. Finkel**, Christopher D. Manning. 2008. Stanford University’s Chinese-to-English Statistical Machine Translation System for the 2008 NIST Evaluation. The 2008 NIST Open Machine Translation Evaluation Meeting.

Christopher Cox, Jamie Nicolson, **Jenny Finkel**, Christopher Manning, Pat Langley. 2005. Template Sampling for Leveraging Domain Knowledge in Information Extraction. In *First PASCAL Challenges Workshop*.

Rajat Raina, Aria Haghighi, Christopher Cox, **Jenny Finkel**, Jeff Michels, Kristina Toutanova, Bill MacCartney, Marie-Catherine de Marneffe, Christopher D. Manning, and Andrew Y. Ng. 2005. In *Robust Textual Inference using Diverse Knowledge Sources. First PASCAL Challenges Workshop*.

Jenny Rose Finkel, Huy Nguyen, Christopher Manning, Shipra Dingare, Malvina Nissim, and Gail Sinclair. 2004. Exploiting Context for Biomedical Entity Recognition: from Syntax to the Web. In *Proceedings of the Joint Workshop on Natural Language Processing in Biomedicine and its Applications, COLING 2004*, Geneva, Switzerland.

Shipra Dingare, **Jenny Rose Finkel**, Christopher Manning, Malvina Nissim, Beatrice Alex. 2004. Exploring the Boundaries: Gene and Protein Identification in Biomedical Text. In Blaschke, C. (ed.), *Proceedings of the BioCreative Workshop*.

Employment

- September 2003–present **Research Assistant**, *Stanford University*, Stanford, CA.
Natural Language Processing Group, Computer Science Department
Advisor: Christopher D. Manning
- Summer 2006 **Summer Intern**, *Google, Inc.*, Mountain View, CA.
Host: Dekang Lin

Teaching Experience

- Winter 2009 **Course Assistant**, *CS124N: From Languages to Information*.
Computer Science Department, Stanford University
Professor: Dan Jurafsky
- Spring 2007 **Course Assistant**, *CS224N: Natural Language Processing*.
Computer Science Department, Stanford University
Professor: Christopher D. Manning
- Winter 2006 **Course Assistant**, *CS224S: Speech Recognition and Synthesis*.
Computer Science Department, Stanford University
Professor: Dan Jurafsky

Professional Service

- Co-Chair ACL Student Research Workshop 2009.
- Program Committee Information Extraction: Beyond the Document Workshop (at CoLING/ACL) 2006, NAACL Student Research Workshop 2009–2010, ILP-NLP Workshop (at NAACL) 2009, ICML 2009, NIPS 2008–2009, EMNLP 2007–2010, CoNLL 2007–2010, ACL 2008–2010, NAACL 2008–2010
- Volunteer CoLING 2010.