

# HAL DAUMÉ III — CURRICULUM VITAE

(Last Updated: 31 January 2011)

## Contact Information

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University of Maryland  
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## Employment History

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<b>Assistant Professor</b> Computing Science Department, University of Maryland – College Park	July 2006 – Present
<b>Assistant Professor</b> School of Computing, University of Utah	July 2006 – June 2010
<b>Graduate Research Assistant</b> Information Sciences Institute, University of Southern California	June 2001 – June 2006
<b>Research Intern</b> Machine Learning and Applied Statistics Group, Microsoft Research	Summer 2003

## Education

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<b>University of Southern California</b> Ph.D., Computer Science (advisor: Daniel Marcu) <i>Honors:</i> Outstanding Research Assistant Award, Dean's Doctoral Merit Fellowship	August 2006
<b>University of Southern California</b> M.S., Computer Science	May 2003
<b>Carnegie Mellon University</b> B.S., Mathematical Sciences (advisor: Rami Grossberg) <i>Honors:</i> Research Honors	August 1998 – May 2001

## Research Interests

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**Natural Language Processing:** linguistic typology, machine translation, summarization, discourse  
**Machine Learning:** hierarchical Bayes, nonparametrics, structured prediction, domain adaptation

## Student Committees

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**Current Students:** Arvind Agarwal (PhD ~ 2012), Amit Goyal (PhD ~ 2013), Jagadeesh Jagaralamudi (PhD ~ 2013), Jiarong Jiang (PhD ~ 2014), Abhishek Kumar (PhD ~ 2013), Piyush Rai (PhD ~ 2011),

**Committee member:** Venkat Anand (CS, PhD), Joshua Cates (CS, PhD), Jeff Ferraro (Biomedical Informatics, PhD), Siddharth Patwardhan (CS, PhD), Avishek Saha (PhD, CS), Shuying Shen (Health Sciences, PhD), Kannan U.V. (MS, CS), Andrew Wilder (CS, PhD), Zhou Yang (Business, MS)

**Past Students:** Scott Alfeld (BS, advisor; now at USC), Devyani Ghosh (MS, committee; now at Intel), Adam Teichert (MS, advisor; now at JHU).

## Professional Highlights

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- Publications Chair, ICML** 2010
- Publicity Chair, COLING** 2010
- Computational Thinking Olympiad** 2008-2009  
Co-program chair of an NSF-sponsored Olympiad in *computational thinking*
- Executive Board Member, NAACL** 2007–2009  
Executive Board Member (elected) of the North American Association for Computational Linguistics
- Chair, Utah Undergraduate Curriculum Committee** 2009–2010
- Publicity Chair, NAACL** 2008
- Co-organizer, Prior knowledge in text and language processing** July 2008  
Workshop at the International Conference on Machine Learning (ICML)  
Jointly organized with Marc Dymetman, Guillaume Bouchard and Yee Whye Teh
- Research blog: Natural language processing blog** 2006 – Present  
<http://nlpers.blogspot.com>
- Author: *Yet Another Haskell Tutorial*** Online Tutorial  
An introduction to the Haskell programming language, used as a supplementary textbook in a functional programming course at Yale (taught by Paul Hudak), as well as several other universities (including Arizona and Waterloo); independently translated into Chinese and Portuguese. Downloaded over 100,000 times from my webpage, and mirrored extensively on the web.
- Bayesian Techniques for HLT Researchers** June 2006  
Tutorial at the Human Language Technology Conference (HLT/NAACL)
- Co-organizer: Computationally Hard Problems in Speech & Language** June 2006  
Workshop at the Human Language Technology Conference (HLT/NAACL)  
Jointly organized with Ryan McDonald and Fernando Pereira (University of Pennsylvania)
- Co-organizer: Bayesian Methods in Natural Language Processing** December 2005  
Workshop at the Conference on Neural Information Processing Systems (NIPS)  
Jointly organized with Yee Whye Teh (National University of Singapore)
- Editorial Boards**  
Machine Learning Journal (2008-2012)  
IEEE Transactions on Speech and Language Processing (2008-2012)

## Program Committees and Reviews

- Journals:** Journal of Machine Learning Research, Journal of Computational and Graphical Statistics, ACM Transactions on Speech and Language Processing, ACM Transactions on Pattern Analysis and Machine Intelligence, Journal of Artificial Intelligence Research, IBM Systems Journal;
- Conference Area Chair:** International Joint Conference on Artificial Intelligence (2011), Neural Information Processing Systems (2010), Conference on Artificial Intelligence and Statistics (2010), Association for Computational Linguistics (2008), Empirical Methods in Natural Language Processing (2007);
- Conference PCs:** American Association for Artificial Intelligence (2007, 2009), Association for Computational Linguistics (2006, 2007, 2008, 2009), Neural Information Processing Systems (2006, 2007, 2008, 2009), North American Chapter of the ACL (2006, 2007, 2008, 2009), European Conference on Machine Learning (2006), Empirical Methods in Natural Language Processing (2006, 2007, 2008), Conference on Uncertainty in Artificial Intelligence (2008, 2009), Computational Language Learning (2006, 2007, 2008, 2009), Student Workshop at ACL (2003, 2004, 2005, 2006, 2009);

**Conference Reviews:** Association for Computational Linguistics (2004, 2005, 2006), North American Chapter of the ACL (2004, 2005, 2006, 2007), International Conference on Machine Learning (2006, 2007, 2008, 2009), International Joint Conference on Natural Language Processing (2007), ACM Special Interest Group on Information Retrieval (2006, 2007), American Association for Artificial Intelligence (2005, 2006, 2007), International Joint Conference for Artificial International (2005, 2006), World Wide Web (2005), Transactions on Asian Language Information Processing (2004);

**Workshop PCs:** Student Workshop at ACL (2003, 2004, 2005, 2006); Joint Inference in NLP Workshop at HLT-NAACL (2006), Analyzing Conversations in Text and Speech at HLT-NAACL (2006) Learning in Structured Outputs Workshop at ICML (2006), Task-focused Summarization and Q/A Workshop at ACL-COLING (2006), ELECTRA Workshop at SIGIR (2005).

## Publications

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My publications are listed by relevance to natural language processing (NLP) or machine learning (ML). Natural language processing papers are marked with a ◦ and machine learning papers are marked with a ★.

### Ph.D. Thesis

NLP ML

- ★ [1] **Hal Daumé III**. *Practical Structured Learning Techniques for Natural Language Processing*. 2006. Ph.D. Thesis.

### Journal Articles

NLP ML

- ★ [2] Arvind Agarwal and **Hal Daumé III**. *A geometric view of conjugate priors*. 2010. Machine Learning Journal (MLJ).
- ★ [3] Pu Liu, Qiang Shi, **Hal Daumé III** and Gregory Voth. *A Bayesian Statistics Approach to Multiscale Coarse Graining*. 2009. Journal of Chemical Physics (J.ChPhys).
- ★ [4] **Hal Daumé III**, John Langford and Daniel Marcu. *Search-based Structured Prediction*. 2009. Machine Learning Journal (MLJ).
- ★ [5] **Hal Daumé III** and Daniel Marcu. *Domain Adaptation for Statistical Classifiers*. 2006. Journal of Artificial Intelligence Research (JAIR).
- ★ [6] **Hal Daumé III** and Daniel Marcu. *A Bayesian Model for Supervised Clustering with the Dirichlet Process Prior*. 2005. Journal of Machine Learning Research (JMLR).
- [7] **Hal Daumé III** and Daniel Marcu. *Induction of Word and Phrase Alignments for Automatic Document Summarization*. 2005. Computational Linguistics (CL).

### Conference Papers

NLP ML

- ★ [8] Abhishek Kumar, Avishek Saha and **Hal Daumé III**. *A Co-regularization Based Semi-supervised Domain Adaptation*. 2010. Conference on Neural Information Processing Systems (NIPS).
- ★ [9] Jagadeesh Jagarlamudi and **Hal Daumé III**. *Extracting Multilingual Topics from Unaligned Corpora*. 2010. European Conference on Information Retrieval (ECIR).

- ★ [10] Jagadeesh Jagarlamudi, Seth Juarez and **Hal Daumé III**. *Kernelized Sorting for Natural Language Processing*. 2010. Conference on Artificial Intelligence (AAAI).
- [11] Amit Goyal, Ellen Riloff and **Hal Daumé III**. *Automatically Producing Plot Unit Representations for Narrative Text*. 2010. Empirical Methods in Natural Language Processing (EMNLP).
- ★ [12] Piyush Rai and **Hal Daumé III**. *Infinite Predictor Subspace Models for Multitask Learning*. 2010. Conference on Artificial Intelligence and Statistics (AI-Stats).
- ★ [13] Arvind Agarwal, Samuel Gerber and **Hal Daumé III**. *Learning Multiple Tasks using Manifold Regularization*. 2010. Conference on Neural Information Processing Systems (NIPS).
- ★ [14] **Hal Daumé III**. *Markov Random Topic Fields*. 2009. Association for Computational Linguistics (ACL).
- ★ [15] Arvind Agarwal and **Hal Daumé III**. *Exponential Family Hybrid Semi-Supervised Learning*. 2009. International Joint Conference on Artificial Intelligence (IJCAI).
- ★ [16] **Hal Daumé III**. *Unsupervised Search-based Structured Prediction*. 2009. International Conference on Machine Learning (ICML).
- ★ [17] **Hal Daumé III**. *Bayesian Multitask Learning with Latent Hierarchies*. 2009. Conference on Uncertainty in Artificial Intelligence (UAI).
- [18] Amit Goyal, **Hal Daumé III** and Suresh Venkatasubramanian. *Streaming for Large Scale NLP: Language Modeling*. 2009. North American Chapter of the Association for Computational Linguistics (NAACL).
- ★ [19] Piyush Rai and **Hal Daumé III**. *Multi-Label Prediction via Sparse Infinite CCA*. 2009. Conference on Neural Information Processing Systems (NIPS).
- ★ [20] Piyush Rai, **Hal Daumé III** and Suresh Venkatasubramanian. *Streamed Learning: One-Pass SVMs*. 2009. International Joint Conference on Artificial Intelligence (IJCAI).
- [21] **Hal Daumé III**. *Non-Parametric Bayesian Model Areal Linguistics*. 2009. North American Chapter of the Association for Computational Linguistics (NAACL).
- ★ [22] Piyush Rai and **Hal Daumé III**. *The Infinite Hierarchical Factor Regression Model*. 2008. Conference on Neural Information Processing Systems (NIPS).
- [23] Ulf Hermjakob, Kevin Knight and **Hal Daumé III**. *Name Translation in Statistical Machine Translation: Learning When to Transliterate*. 2008. Conference of the Association for Computational Linguistics (ACL).
- ★ [24] Percy Liang, **Hal Daumé III** and Dan Klein. *Structure Compilation: Trading Structure for Features*. 2008. International Conference on Machine Learning (ICML).
- ★ [25] **Hal Daumé III**. *Cross-Task Knowledge-Constrained Self Training*. 2008. Empirical Methods in Natural Language Processing (EMNLP).
- [26] **Hal Daumé III** and Lyle Campbell. *A Bayesian Model for Discovering Typological Implications*. 2007. Conference of the Association for Computational Linguistics (ACL).

- ★ [27] Yee Whye Teh, **Hal Daumé III** and Daniel Roy. *Bayesian Agglomerative Clustering with Coalescents*. 2007. Conference on Neural Information Processing Systems (NIPS).
- ★ [28] **Hal Daumé III**. *Frustratingly Easy Domain Adaptation*. 2007. Conference of the Association for Computational Linguistics (ACL).
- ★ [29] **Hal Daumé III**. *Fast search for Dirichlet process mixture models*. 2007. Eleventh International Conference on Artificial Intelligence and Statistics (AISTats).
- [30] **Hal Daumé III** and Daniel Marcu. *Bayesian Query-Focused Summarization*. 2006. Conference of the Association for Computational Linguistics (ACL).
- [31] **Hal Daumé III** and Daniel Marcu. *A Large-Scale Exploration of Effective Global Features for a Joint Entity Detection and Tracking Model*. 2005. Joint Conference on Human Language Technology and Empirical Methods in Natural Language Processing (HLT/EMNLP).
- ★ [32] **Hal Daumé III** and Daniel Marcu. *Learning as Search Optimization: Approximate Large Margin Methods for Structured Prediction*. 2005. International Conference on Machine Learning (ICML).
- [33] **Hal Daumé III** and Daniel Marcu. *NP Bracketing by Maximum Entropy Tagging and SVM Reranking*. 2004. Empirical Methods in Natural Language Processing.
- [34] **Hal Daumé III** and Eric Brill. *Web Search Intent Induction via Automatic Query Reformulation*. 2004. North American Chapter of the Association for Computational Linguistics (NAACL).
- [35] **Hal Daumé III** and Daniel Marcu. *A Phrase-Based HMM Approach to Document/Abstract Alignment*. 2004. Empirical Methods in Natural Language Processing (EMNLP).
- [36] **Hal Daumé III**, Kevin Knight, Irene Langkilde-Geary, Daniel Marcu and Kenji Yamada. *The Importance of Lexicalized Syntax Models for Natural Language Generation Tasks*. 2002. 2002 International Conference on Natural Language Generation (INLG).
- [37] **Hal Daumé III** and Daniel Marcu. *A Noisy-Channel Model for Document Compression*. 2002. 40th Annual Meeting of the Association for Computational Linguistics (ACL).
- [38] Eric Nyberg and **Hal Daumé III**. *Integrated Information Management: An Interactive, Extensible Architecture for Information Retrieval*. 2001. 2001 Human Language Technology Conference (HLT).

## Workshop Papers

### NLP ML

- [39] Amit Goyal, Jagadeesh Jagarlamudi, **Hal Daumé III** and Suresh Venkatasubramanian. *Sketch Techniques for Scaling Distributional Similarity to the Web*. 2010. GEometrical Models of Natural Language Semantics Workshop (GEMS) at ACL.
- ★ [40] Avishek Saha, Piyush Rai, **Hal Daumé III** and Suresh Venkatasubramanian. *Active Online Multitask Learning*. 2010. ICML 2010 Workshop on Budgeted Learning (Budget).
- [41] Amit Goyal, Ellen Riloff, **Hal Daumé III** and Nathan Gilbert. *Toward Plot Units: Automatic Affect State Analysis*. 2010. HLT/NAACL Workshop on Computational Approaches to Analysis and Generation of Emotion in Text (CAET).
- ★ [42] Piyush Rai, Avishek Saha, **Hal Daumé III** and Suresh Venkatasubramanian. *Domain Adaptation meets Active Learning*. 2010. HLT/NAACL Workshop on Active Learning for NLP (ALNLP).

- ★ [43] Anusua Trivedi, Piyush Rai, Scott L. DuVall and **Hal Daumé III**. *Exploiting Tag and Word Correlations for Improved Webpage Clustering*. 2010. CIKM Workshop on Search and Mining User-generated Contents (SMUC).
- [44] Amit Goyal, Jagadeesh Jagarlamudi, **Hal Daumé III** and Suresh Venkatasubramanian. *Sketching Techniques for Large Scale NLP*. 2010. HLT/NAACL Workshop on the Web as a Corpus (WAC).
- ★ [45] Piyush Rai and **Hal Daumé III**. *Fast Search for Infinite Latent Feature Models*. 2009. NIPS Workshop on Non-parametric Bayes (NP-Bayes).
- [46] Adam R. Teichert and **Hal Daumé III**. *Unsupervised Part of Speech Tagging Without a Lexicon*. 2009. NIPS Workshop on Grammar Induction, Representation of Language and Language Learning (GIRLLL).
- ★ [47] Amrish Kapoor, Piyush Rai and **Hal Daumé III**. *Factor Regression Combining Heterogeneous Sources of Information*. 2009. NIPS Workshop on Learning From Multiple Sources with Applications to Robotics (LMS).
- ★ [48] **Hal Daumé III**. *Semi-supervised or Semi-unsupervised?*. 2009. NAACL-HLT Workshop on Semi-supervised Learning in NLP (SSLNLP).
- ★ [49] Devyani Ghosh, John Carter and **Hal Daumé III**. *Perceptron-based Coherence Predictors*. 2008. 2nd Workshop on Chip Multiprocessor Memory Systems and Interconnects (ICSA).
- ★ [50] **Hal Daumé III**, John Langford and Daniel Marcu. *Search-Based Structured Prediction as Classification*. 2005. NIPS Workshop on Advances in Structured Learning for Text and Speech Processing (ASLTSP).
- [51] **Hal Daumé III** and Daniel Marcu. *Bayesian Multi-Document Summarization at MSE*. 2005. Workshop on Multilingual Summarization Evaluation (MSE).
- [52] **Hal Daumé III** and Daniel Marcu. *Bayesian Summarization at DUC and a Suggestion for Extrinsic Evaluation*. 2005. Document Understanding Conference (DUC).
- ★ [53] **Hal Daumé III** and Daniel Marcu. *A Tree-Position Kernel for Document Compression*. 2004. Fourth Document Understanding Conference (DUC).
- ★ [54] **Hal Daumé III** and Daniel Marcu. *Supervised clustering with the Dirichlet process*. 2004. NIPS Workshop on Learning With Structured Outputs (LwSO).
- [55] **Hal Daumé III** and Daniel Marcu. *Generic Sentence Fusion is an Ill-Defined Summarization Task*. 2004. Text Summarization Branches Out Workshop at ACL (TextSum).
- [56] **Hal Daumé III**, Abdesammad Echihabi, Daniel Marcu, Dragos Stefan Munteanu and Radu Soricut. *GLEANS: A Generator of Logical Extracts and Abstracts for Nice Summaries*. 2002. Second Document Understanding Conference (DUC).

## Unpublished

NLP ML

- ★ [57] **Hal Daumé III**, John Langford and Daniel Marcu. *Searn in Practice*. 2006. Unpublished.

- ★ [58] **Hal Daumé III.** *Carefully Approximated Bayes Factors for Feature Selection in MaxEnt Models.* 2004. Unpublished.
- ★ [59] **Hal Daumé III.** *Notes on CG and LM-BFGS Optimization of Logistic Regression.* 2004. Unpublished.
- ★ [60] **Hal Daumé III.** *From Zero to Reproducing Kernel Hilbert Spaces in Twelve Pages or Less.* 2004. Unpublished.
- [61] **Hal Daumé III.** *A Phrase-Based HMM.* 2002. Unpublished.
- [62] **Hal Daumé III.** *Yet Another Haskell Tutorial.* 2002. Unpublished.
- [63] **Hal Daumé III.** *Asymmetry of Coordination.* 2001. Unpublished.

## Publicly Available Software

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**MEGAM:** Optimization software for maximum entropy models; implementation based on conjugate gradient and limited-memory BFGS methods. (Downloaded over 20,000 times.)  
<http://hal3.name/megam/>

**HBC:** Software that compiles statistical models into executable C code. (Downloaded over 6,000 times.)  
<http://hal3.name/HBC/>.

**TAGCHUNK:** Software for performing joint inference over part of speech tags and syntactic chunks. (Downloaded over 400 times.)  
<http://hal3.name/TagChunk/>

**SVMSEQUEL:** Optimization software for support vector machines; implementation based on the kernel minover method. Supports linear, polynomial and RBF kernels, as well as string and tree kernels. (Downloaded over 900 times.)  
<http://hal3.name/SVMsequel/>

**FASTDT:** Software for learning decision trees, supporting boosting and bagging. (Downloaded over 750 times.)  
<http://hal3.name/FastDT/>

... many more, see <http://hal3.name/software.html>.

## Teaching Experience

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<p><b>CS 5300/6300, Artificial Intelligence</b>                      Spring 2009, Spring 2010 (enrollments: 78, 74)                      Received Dean's letter for Excellence in Teaching</p>	<p>U Utah, CS</p>
<p><b>CS 5350/6350, Machine Learning</b>                      Spring 2007, Spring 2008, Fall 2008, Fall 2009 (enrollments: 28, 32, 36, 46)</p>	<p>U Utah, CS</p>
<p><b>CS 5964/6964, Applications of Natural Language Processing</b>                      Fall 2007 (enrollment: 28)</p>	<p>U Utah, CS</p>
<p><b>CS 7941, Topics in Machine Learning</b>                      Every semester, 2007–current (enrollments: about 15)                      Received Dean's letter for Excellence in Teaching</p>	<p>U Utah, CS</p>

<b>CSCI 544, Natural Language Processing (Teaching Assistant)</b> Spring 2005; <i>Professors:</i> Eduard Hovy and Daniel Marcu Received Outstanding TA Award	USC, CS
<b>CSCI 544, Natural Language Processing (Invited Lecturer)</b> Spring 2004; <i>Professors:</i> Eduard Hovy and Daniel Marcu	USC, CS
<b>CSCI 599, Topics in Statistical Learning (Invited Lecturer)</b> Spring 2004; <i>Professor:</i> Stefan Schaal	USC, CS
<b>CSCI 562, Empirical Methods in NLP (Invited Lecturer)</b> Fall 2003; <i>Professor:</i> Kevin Knight	USC, CS
<b>21-229, Set Theory (Grader)</b> Spring 2000; <i>Professor:</i> Rami Grossberg	CMU, Math
<b>21-115/116, Calculus I &amp; II (Teaching Assistant)</b> Fall 1999; <i>Professor:</i> Russell Walker	CMU, Math

## Invited Talks

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<b>Transfer Learning in Language: We've Got a Long Way to Go...</b> Workshop on Transfer Learning via Rich Generative Models at NIPS	December, 2010
<b>Linguists get the abstraction, machines get the details</b> Linguistics Meets NLP Workshop at ACL	July, 2010
<b>Structure and Knowledge in Natural Language Processing</b> University of Illinois Urbana/Champaign, Computer Science	April, 2010
<b>Structure and Knowledge in Natural Language Processing</b> University of Maryland, Computer Science	November, 2009
<b>Statistics, Typology and Language Processing</b> University of Utah, Department of Linguistics	October, 2009
<b>{<math>\epsilon</math>-, Semi-, Un-}supervised Search-based Structured Prediction</b> Yahoo! Research, New York	May, 2009
<b>Non-parametric Models with Latent Hierarchies</b> Columbia University, Department of Statistics	April, 2009
<b>Domain Adaptation in Natural Language</b> Johns Hopkins University, Center for Language and Speech Processing	March, 2009
<b>Domain Adaptation in Natural Language</b> University of Texas at Austin, Computer Science	November, 2008
<b>Summer School in Computational- and Psycho-Linguistics</b> University of Edinburgh	September 2008
<b>Automatic Document Summarization</b> Information Sciences Institute	January 2007
<b>Search-based Structured Prediction</b> University of Maryland, College Park	March 2007
<b>Bayesian Techniques for Natural Language Processing</b> Microsoft Research Asia, Beijing, China	July 2007
<b>Bayesian Techniques for HLT Researchers</b> Tutorial at the Human Language Technology Conference (HLT/NAACL)	June 2006

<b>Statistical Learning Theory and SVMs for AI Researchers</b> Tutorial at the ISI Intelligent Systems Division Retreat	February 2006
<b>NLP for Smart People Who Know Nothing about NLP</b> Toyota Technological Institute at Chicago	January 2006
<b>Bayesian Methods for Natural Language Processing</b> Tutorial at the Information Sciences Institute, AI seminar	March 2005

## Funding

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<b>Discovering and explaining technical emergence through analysis of the language and structure of scientific publications</b> IARPA “FUSE” Grant, \$2.4m for UMD over four years. PI: Kathy McKeown (Columbia University).	2011–2015
<b>Distributed Domain Adaptation for Millions of Domains</b> DARPA CSSG Grant, \$92k over one year. Sole PI.	2011
<b>Learned Dynamic Prioritization</b> NSF-IIS Medium Grant, \$496k for me over three years. Co-PI with Jason Eisner (JHU)	2010–2013
<b>Statistical Linguistic Typology</b> NSF-IIS Small Grant, \$550k over three years. Sole PI.	2009–2012
<b>Graph Algorithms for Large-Data NLP</b> Google Research Grant, \$55k; Co-PI with Suresh Venkatasubramanian.	2009–2010
<b>Language Understanding for Research Papers</b> U Utah URC Faculty Research & Creative Grant Proposal, \$6k. Sole PI.	2009
<b>Advanced Learning Technology for Translation</b> U Utah Seed Grant, \$35k. Sole PI.	2009
<b>Computational Thinking Olympiad: Brainstorming Workshop</b> NSF-IIS grant, \$20k over two years. Sole PI.	2008
<b>Cross-task Learning for Natural Language Processing (REU)</b> NSF-IIS Research Experience for an Undergraduate Supplement, \$6k over one year. Sole PI.	2008
<b>Cross-task Learning for Natural Language Processing</b> NSF-IIS Small Grant, \$404k over three years. Sole PI.	2007–2010

## External Service

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**Publications Chair, ICML 2010**

**Publicity Chair, COLING 2010**

**Computational Thinking Olympiad**

Co-program chair of an NSF-sponsored Olympiad in *computational thinking*

**Executive Board Member, NAACL**

Executive Board Member (elected) of the North American Association for Computational Linguistics

**Publicity Chair, ACL 2008**

**Student Research Workshop Advisor, ACL**

**Research blog: Natural language processing blog**

Since 2006, <http://nlpers.blogspot.com>

**Co-organizer, Prior knowledge in text and language processing**

Workshop at the International Conference on Machine Learning (ICML), 2008

**Co-organizer, Computationally Hard Problems in Speech & Language**

Workshop at the Human Language Technology Conference (HLT/NAACL), 2006

**Co-organizer, Bayesian Methods in Natural Language Processing**

Workshop at the Conference on Neural Information Processing Systems (NIPS) 2005

## Internal Service

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**UMD: Admissions Committee Member**

**Utah: Curriculum Committee Chair, 2008 – Present**

Overseen significant advances in math/science requirements, formation of undergraduate tracks, and development of four new undergraduate courses

**Utah: Masters in Statistics Program, SoC Representative**

Representative from the School of Computing to the Masters in Statistics Program (2008–present)

**Utah: Committee Memberships**

Admissions (2007, 2008); Curriculum (2007, 2008); College Council (2007, 2008)

**ISI: Organizer, Natural Language Seminar Series**

Weekly seminar at the Information Sciences Institute (January 2001 – May 2006)

## Extracurricular Activities

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**Aikido** — Aikido Schools of Ueshiba, shodan

**Badminton** (indoor – tournament level)

**Skiing**

**Rock Climbing**