

Curriculum Vitae

Robert P. Malouf

Business Address:

Department of Linguistics and Asian/Middle Eastern Languages
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Academic employment

2016– Professor, Department of Linguistics and Asian/Middle Eastern Languages, San Diego State University.

2008–2016 Associate Professor, Department of Linguistics and Asian/Middle Eastern Languages, San Diego State University.

2013 Visiting faculty, linguistics department, University of California at San Diego.

2011 Visiting faculty, Linguistic Society of America Summer Institute, University of Colorado, Boulder.

2002–2008 Assistant Professor, Department of Linguistics and Asian/Middle Eastern Languages, San Diego State University.

2002 Koninklijke Nederlandse Akademie van Wetenschappen ‘Akademie-Onderzoeker’ [Royal Dutch Academy of Arts and Sciences ‘Academy Researcher’], humanities computing department, University of Groningen, The Netherlands. Project: *Feature selection for disambiguation*.

2001 Postdoctoral researcher, humanities computing department, University of Groningen, The Netherlands. Project: *Algorithms for linguistic processing*.

1999–2001 Postdoctoral researcher, School of Behavioral and Cognitive Neurosciences, University of Groningen, The Netherlands. Project: *Computational and theoretical modeling of structures in performance*.

1998–1999 Lecturer, linguistics department, University of California at Berkeley.

1998–1999 Research Engineer, Center for the Study of Language and Information, Stanford University.

Consulting

Automotive Management Analytics.

Sudler & Hennessey.

Havas Healthcare.

Harrison and Star.

Ogilvy CommonHealth.

Education

Ph.D. in linguistics, Stanford University, 1992–1998. Dissertation title: *Mixed categories in the hierarchical lexicon*. Thesis committee: Ivan A. Sag (chair), Peter Sells, Elizabeth Traugott, Thomas Wasow.

B.A. (Honors) Summa cum laude in linguistics and computer science, State University of New York at Buffalo, 1987–1992.

Grants and Awards

SDSU College of Arts and Letters Council Faculty of the Year, 2014.

Affiliated faculty, NIH training grant T32-DC00041 “Language, Communication, and the Brain,” Marta Kutas (PI), Center for Research in Language, University of California at San Diego.

“Taking sides: User classification for informal online political discourse,” published in *Internet Research*, was chosen as a Highly Commended Award Winner at the Emerald Literati Network Awards for Excellence 2009.

Education Center on Computational Science and Engineering Faculty Fellowship, San Diego State University, 2003.

Koninklijke Nederlandse Akademie van Wetenschappen [Royal Dutch Academy of Arts and Sciences] Research Fellowship, 2002.

National Science Foundation Graduate Fellowship, 1992–1995.

Phi Beta Kappa, 1992.

Publications

Books

- Word and Pattern Morphology: An information-theoretic approach.* Farrell Ackerman and Robert Malouf (eds.). 2017. Special issue of *Word Structure* 9(2).
- Proceedings of the Ninth International Workshop on Parsing Technologies (IWPT'05).* Robert Malouf (editor). 2005. Vancouver, BC.
- Mixed Categories in the Hierarchical Lexicon.* Robert Malouf. 2000. Stanford: CSLI Publications. [Revised and updated version of 1998 Stanford University dissertation.]

Refereed journals

- “Abstractive morphological learning with a recurrent neural network.” Robert Malouf. 2017. *Morphology* 27:431–458.
- “Acoustic differences in morphologically-distinct homophones.” Scott Seyfarth, Marc Garellek, Gwendolyn Gillingham, Farrell Ackerman, and Robert Malouf. 2017. *Language, Cognition and Neuroscience* 33(1):32–49.
- “Symmetrical objects in Moro: Challenges and solutions.” Farrell Ackerman, Robert Malouf, and John Moore. 2017. *Journal of Linguistics* 53(1):3–50.
- “Word and pattern morphology: An information-theoretic approach.” Farrell Ackerman and Robert Malouf. 2016. *Word Structure* 9(2):125–131.
- “Patterns and discriminability in language analysis.” Farrell Ackerman, Robert Malouf, and James P. Blevins. 2016. *Word Structure* 9(2):132–155.
- “A computational lexical analysis of the language commonly used to describe gout.” N. Lawrence Edwards, Robert Malouf, Fernando Perez Ruiz, Pascal Richette, Siobhan Southam, and Matthew DiChiara. 2016. *Arthritis Care and Research* 68(6):763–768.
- “Morphological organization: The low conditional entropy conjecture.” Farrell Ackerman and Robert Malouf. 2013. *Language* 89(3):429–464.
- “Taking sides: User classification for informal online political discourse.” Robert Malouf and Tony Mullen. 2008. *Internet Research* 18(2):177–190.
- “Maximal consistent subsets.” Robert Malouf. 2007. *Computational Linguistics* 33(2):153–160.
- “Satisfying constraints on adjunction and extraction.” Gosse Bouma, Robert Malouf, and Ivan A. Sag. 2001. *Natural Language and Linguistic Theory* 19(1):1–65.
- “Efficient feature structure operations without compilation.” Robert Malouf, John Carroll, and Ann Copestake. 2000. *Natural Language Engineering* 6(1):29–46.

Refereed book chapters

- “Word-and-Paradigm Morphology.” James P. Blevins, Farrell Ackerman, and Robert Malouf. In press. In Jenny Audring and Francesca Masini (eds.), *Oxford Handbook of Morphological Theory*. Oxford University Press.

- “Defaults and lexical prototypes.” Robert Malouf. 2017. In Nikolas Gisborne and Andrew Hippisley (eds.), *Defaults in Morphological Theory*. Oxford University Press. Pages 269–300.
- “Gravity, radiation, and dialectometry.” Robert Malouf. 2017. In Martijn Wieling, Martin Kroon, Gertjan van Noord, and Gosse Bouma (eds.), *From Semantics to Dialectometry: Festschrift for John Nerbonne*. College Publications. Pages 233–239.
- “Implicative relations in word-based morphological systems.” Farrell Ackerman and Robert Malouf. 2016. In Andrew Hippisley and Gregory Stump (eds.), *Cambridge Handbook of Morphology*. Cambridge University Press. Pages 272–296.
- “Morphology as an adaptive discriminative system.” James P. Blevins, Farrell Ackerman, Robert Malouf, and Michael Ramscar. 2016. In Heidi Harley and Daniel Siddiqi (eds.), *Morphological Metatheory*. Benjamins. Pages 269–300.
- “Maximum entropy models.” Robert Malouf. 2010. In Alex Clark, Chris Fox and Shalom Lappin (eds.), *Blackwell Computational Linguistics and Natural Language Processing Handbook*, pages 133–155.
- “Parts and wholes: Patterns of relatedness in complex morphological systems and why they matter.” 2009. Farrell Ackerman, James P. Blevins, and Robert Malouf. In Jim Blevins and Juliette Blevins (eds.), *Analogy in Grammar: Form and Acquisition*. Oxford: Oxford University Press. Pages 54–82.
- “Mixed categories.” Robert Malouf. 2006. In K. Brown (ed.), *Encyclopedia of Language and Linguistics, 2nd Edition*. Elsevier. Vol. 8, pages 175–184.
- “Cooperating constructions.” Robert Malouf. 2003. In E. Francis and L. Michaelis (eds.), *Mismatch: Form-Function Incongruity and the Architecture of Grammar*. Stanford: CSLI Publications. Pages 403–424.
- “Efficient feature structure operations without compilation.” Robert Malouf, John Carroll, and Ann Copestake. 2003. In S. Oepen, D. Flickinger, J. Tsujii, and H. Uszkoreit (eds.), *Collaborative Language Engineering*. Stanford: CSLI Publications. Pages 103–124. [Reprinted version of Malouf, Carroll, and Copestake 2000.]
- “The Alpino Dependency Treebank.” Leonoor van der Beek, Gosse Bouma, Robert Malouf, and Gertjan van Noord. 2002. In M. Theune, A. Nijholt, and H. Hondorp (eds.), *Computational Linguistics in the Netherlands 2001*. Amsterdam: Rodopi. Pages 8–22.
- “Alpino: Wide coverage computational analysis of Dutch.” Gosse Bouma, Gertjan van Noord, and Robert Malouf. 2001. In W. Daelemans, K. Sima’an, J. Veenstra, and J. Zavrel (eds.), *Computational Linguistics in the Netherlands 2000*. Amsterdam: Rodopi. Pages 45–59.
- “A head-driven account of long-distance case assignment.” Robert Malouf. 2000. In R. Cann, C. Grover, and P. Miller (eds.), *Grammatical Interfaces in HPSG*. Stanford: CSLI Publications. Pages 201–214.

“Verbal gerunds as mixed categories in HPSG.” Robert Malouf. 2000. In R. Borsley (ed.), *The Nature and Function of Syntactic Categories*, volume 32 of *Syntax and Semantics*. New York: Academic Press. Pages 133–166.

“West Greenlandic noun incorporation in a monohierarchical theory of grammar.” Robert Malouf. 1999. In G. Webelhuth, A. Kathol, and J.-P. Koenig (eds.), *Lexical and Constructional Aspects of Linguistic Explanation*. Stanford: CSLI Publications. Pages 47–62.

Refereed conference proceedings

“The No Blur Principle effects as an emergent property of language.” Farrell Ackerman and Robert Malouf. 2015. In *Proceedings of the Forty-first Annual Meeting of the Berkeley Linguistics Society*. Berkeley, CA. Pages 1–14.

“Explaining the number hierarchy.” Robert Malouf, Farrell Ackerman, and Scott Seyfarth. 2015. In *Proceedings of the 37th Annual Meeting of the Cognitive Science Society*. Pasadena, CA. Pages 1500–1506.

“Implicative organization facilitates morphological learning.” Scott Seyfarth, Farrell Ackerman, and Robert Malouf. 2014. In *Proceedings of the Fortieth Annual Meeting of the Berkeley Linguistics Society*. Pages 480–494.

“Graph-based user classification for informal online political discourse.” Robert Malouf and Tony Mullen. 2007. In *Proceedings of the 1st Workshop on Information Credibility on the Web (WICOW)*. Miyazaki, Japan. Pages 108–115.

“Mining web texts for brand associations.” Robert Malouf, Bradley Davidson, and Ashli Sherman. 2006. In *Proceedings of the American Association for Artificial Intelligence Spring Symposium on “Computational Approaches to Analyzing Weblogs”*. Pages 125–126.

“A preliminary investigation into sentiment analysis of informal political discourse.” Tony Mullen and Robert Malouf. 2006. In *Proceedings of the American Association for Artificial Intelligence Spring Symposium on “Computational Approaches to Analyzing Weblogs”*. Pages 159–162.

“Wide coverage parsing with stochastic attribute value grammars.” Robert Malouf and Gertjan van Noord. 2004. In *Proceedings of the IJCNLP-04 Workshop: Beyond shallow analyses—Formalisms and statistical modeling for deep analyses*.

“Markov models for language-independent named entity recognition.” Robert Malouf. 2002. In *Proceedings of the Sixth Conference on Natural Language Learning (CoNLL-2002)*. Pages 183–186.

“A comparison of algorithms for maximum entropy parameter estimation.” Robert Malouf. 2002. In *Proceedings of the Sixth Conference on Natural Language Learning (CoNLL-2002)*. Pages 49–55.

“Statistical parsing of Dutch using maximum entropy models with feature merging.” Tony Mullen, Robert Malouf, and Gertjan van Noord. 2001. In *Proceedings of the 6th Natural Language Processing Pacific Rim Symposium*. Pages 481–486.

- “Using an open-source unification-based system for CL/NLP teaching.” Ann Copestake, John Carroll, Dan Flickinger, Robert Malouf, and Stephan Oepen. 2001. In *Proceedings of the ACL/EACL 2001 Workshop on Sharing Tools and Resources for Research and Education*. Pages 35–38.
- “The order of prenominal adjectives in natural language generation.” Robert Malouf. 2000. In *Proceedings of the 38th Annual Meeting of the Association for Computational Linguistics (ACL 2000)*. Pages 85–92.
- “A bag of useful techniques for efficient and robust parsing.” Bernd Kiefer, Hans-Ulrich Krieger, John Carroll, and Robert Malouf. 1999. In *Proceedings of the 37th Annual Meeting of the Association for Computational Linguistics (ACL 99)*. Pages 473–480.
- “A unified theory of complement, adjunct, and subject extraction.” Gosse Bouma, Robert Malouf, and Ivan Sag. 1998. In *Proceedings of the Joint Conference on Formal Grammar, Head-Driven Phrase Structure Grammar and Categorical Grammar*, Saarbrücken. Pages 83–97.
- “Categories, prototypes, and default inheritance.” Robert Malouf. 1998. In *Proceedings of the Joint Conference on Formal Grammar, Head-Driven Phrase Structure Grammar and Categorical Grammar*, 1998, Saarbrücken. Pages 207–216.
- “A constructional approach to English verbal gerunds.” Robert Malouf. 1996. In *Proceedings of the Twenty-second Annual Meeting of the Berkeley Linguistics Society*. Pages 255–266.
- “Translation using Minimal Recursion Semantics.” Ann Copestake, Dan Flickinger, Robert Malouf, Susanne Riehemann and Ivan A. Sag. 1995. In *Proceedings of the Sixth International Conference on Theoretical and Methodological Issues in Machine Translation (TMI95)*, Leuven. Pages 15–32.

Book reviews

- “Beyond caricatures: Commentary on *The Language Myth*, Vyvyan Evans.” Farrell Ackerman and Robert Malouf. 2016. *Language* **92**(1):189–194.
- “Review of *Corpus Linguistics: Readings in a Widening Discipline*, Geoffrey Sampson and Diana McCarthy (eds).” Robert Malouf. 2006. *Computational Linguistics* **32**(1):153–155.

Presentations

Refereed conferences without proceedings (selected)

- “Acoustic differences in morphologically-distinct homophones.” Scott Seyfarth, Marc Garellek, Robert Malouf, and Farrell Ackerman. Paper presented at the Third American International Morphology Meeting (AIMM3), Amherst, MA, October 2015.

- “The Linguistic Niche Hypothesis from a WP perspective.” Farrell Ackerman, Olivier Bonami, and Robert Malouf. Paper presented at the 11th Conference of the Association for Linguistic Typology, Albuquerque, August 2105.
- “Implicative organization facilitates morphological learning.” Scott Seyfarth, Farrell Ackerman, and Robert Malouf. Paper presented at the 16th International Morphology Meeting, Budapest, May 2014.
- “Symmetrical objects and the architecture of HPSG: Evidence from Moro.” Farrell Ackerman, Robert Malouf, and John Moore. Paper presented at the 20th International Conference on Head-Driven Phrase Structure Grammar, August 2013, Berlin.
- “Mapping scientific narratives.” Bradley Davidson and Robert Malouf. Poster presented at Conference on Semantics in Healthcare and Life Sciences (CSHALS), February 2013, Cambridge MA.
- “Paradigms: The low entropy conjecture.” Robert Malouf and Farrell Ackerman. Paper presented at Workshop on Morphology and Formal Grammar, 17th International Conference on Head-Driven Phrase Structure Grammar, July 2010, Paris.
- “Paradigm entropy as a measure of morphological simplicity.” Robert Malouf and Farrell Ackerman. Paper presented at the Surrey Morphology Group Workshop on Morphological Complexity, January 2010, Cambridge MA.
- “An evolutionary explanation for the Paradigm Economy Principle.” Robert Malouf and Farrell Ackerman. Paper presented at the Annual Meeting of the Linguistic Society of America, January 2010, Baltimore.
- “An entropy-based measure of morphological information.” James Blevins, Farrell Ackerman, and Robert Malouf. Paper presented at the 3rd Workshop on “Quantitative Investigations in Theoretical Linguistics” (QITL-3), July 2008, Helsinki.
- “A construction-theoretic approach to lexical periphrasis in Hungarian complex predicates.” Farrell Ackerman, Robert Malouf, and Gert Webelhuth. 18th International Congress of Linguists, July 2008, Seoul.
- “Disjunctive rule ordering in finite state morphology.” Robert Malouf. 41st Annual Meeting of the Chicago Linguistics Society, April 2005.
- “Possessive relatives and cooperating constructions.” Farrell Ackerman, Robert Malouf, and Irina Nikolaeva. Eleventh International Conference on Head-Driven Phrase Structure Grammar, August 2004, Leuven.
- “Cooperating constructions in Tundra Nenets.” Farrell Ackerman, Robert Malouf, and Irina Nikolaeva. Third International Conference on Construction Grammar, July 2004, Marseille.
- “Probabilistic parsing with the Alpino grammar.” Tony Mullen, Robert Malouf, and Gertjan van Noord. Computational Linguistics in the Netherlands (CLIN-2001), November 2001, Enschede.

- “The Alpino dependency treebank.” Leonoor van der Beek, Gosse Bouma, Robert Malouf, and Gertjan van Noord. Computational Linguistics in the Netherlands (CLIN-2001), November 2001, Enschede.
- “The Alpino dependency treebank.” Leonoor van der Beek, Gosse Bouma, Robert Malouf, and Gertjan van Noord. Empirical methods in the new millennium: Linguistically Interpreted Corpora (LINC 2001), August 2001, Leuven.
- “A toolkit for robust and efficient maximum entropy language modeling.” Robert Malouf and Miles Osborne. Computational Linguistics in the Netherlands (CLIN-2000), November 2000, Tilburg.
- “Scalable grammar software for computational linguists: Building, testing, and running grammars large and small.” Ulrich Callmeier, Ann Copestake, Dan Flickinger, Robert Malouf, and Stephan Oepen. System demo, Thirty-eighth Annual Meeting of the Association for Computational Linguistics, October 2000, Hong Kong.
- “Two methods for predicting the order of prenominal adjectives in English.” Robert Malouf. Computational Linguistics in the Netherlands (CLIN-99), December 1999, Utrecht.
- “A head-driven account of long-distance case assignment.” Robert Malouf. Sixth International Conference on Head-Driven Phrase Structure Grammar, August 1999, Edinburgh.
- “Adjunct scope and complex predicates.” Gosse Bouma, Robert Malouf, and Ivan A. Sag. 20th Annual Meeting of the Deutsche Gesellschaft für Sprachwissenschaft (DGfS). Section 8: The Syntax of Adverbials—Theoretical and Cross-linguistic Aspects, March 1998, Halle.
- “Satisfying constraints on adjunction and extraction.” Gosse Bouma, Robert Malouf, and Ivan A. Sag. Annual Meeting of the Linguistic Society of America, January 1998, New York.
- “Coherent nominalizations.” Robert Malouf. Annual Meeting of the Linguistic Society of America, January 1998, New York.
- “West Greenlandic noun incorporation in a monohierarchical theory of grammar.” Robert Malouf. Fourth International Conference on Head-Driven Phrase Structure Grammar, July 1997, Ithaca.
- “West Greenlandic noun incorporation as a mixed category construction.” Robert Malouf. Annual Meeting of the Linguistic Society of America, January 1997, Chicago.
- “Mixed categories in HPSG.” Robert Malouf. Third International Conference on Head-Driven Phrase Structure Grammar, May 1996, Marseille.
- “Some theoretical consequences of Potawatomi inflection.” Robert Malouf. First International Conference on Head-Driven Phrase Structure Grammar, August 1994, Copenhagen.

Invited conference talks (selected)

- “Morphology as a complex adaptive system?” Robert Malouf. Discussion paper presented at the Morphological Typology and Linguistic Cognition workshop, July 2017, University of Kentucky.
- “Deep learning for abstractive morphology.” Robert Malouf. Invited speaker at Workshop on Computational methods for descriptive and theoretical morphology, 17th International Morphology Meeting February 2016, Vienna.
- “Linguistic simulations.” First International Quantitative Morphology Meeting, July 2015, Belgrade.
- “Learning from corpora.” With Farrell Ackerman and Scott Seyfarth. Workshop on Corpus resources for quantitative and psycholinguistic analysis, June 2014, Eger, Hungary.
- “Symmetrical objects and the architecture of HPSG: Evidence from Moro.” With Farrell Ackerman and John Moore. Paper presented at Structure and Evidence in Linguistics: A workshop in honor of Ivan A. Sag, April 2013, Stanford.
- “Defaults and lexical prototypes.” Paper presented at the Workshop on Defaults in Morphological Theory, May 2012, Lexington KY.
- “The Low Entropy Conjecture: The challenges of Modern Irish nominal declension.” With Farrell Ackerman. Paper presented at the Workshop on Challenges of Complex Morphology to Morphological Theory, July 2011, Boulder.
- “Paradigmatics, syntagmatics, and the agglutinative ideal.” With Farrell Ackerman. Paper presented at the Workshop on Quantitative Measures in Morphology and Morphological Development, January 2011, San Diego.
- “Treebanks and evolutionary simulation for explaining typological patterns.” Invited lecture at the 7th Workshop on Treebanks and Linguistic Theory, January 2009, Groningen.
- “Inflectional morphology as a complex adaptive system.” With Farrell Ackerman and James Blevins. Paper presented at the First Annual Complex Systems and Language Workshop, Tucson, 2008.
- “Patterns of relatedness in complex morphological systems and why they matter.” With Farrell Ackerman. Workshop on Analogy in Grammar: Form and Acquisition. Department of Linguistics, Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany, September 2006.
- “Paradigm organization in the nominal declension system of Tundra Nenets.” With Farrell Ackerman. Words and Paradigms: Perspectives on Uralic, 12th International Morphology Meeting, Budapest, Hungary, May 2006.
- “A quantitative look at mixed category constructions.” Tenth International Conference on Head-Driven Phrase Structure Grammar, East Lansing (MI), July 2003.
- “Cross-categorial constructions.” Summer Institute in Cognitive Sciences, Université du Québec à Montréal, July 2003.

- “Mixed categories in constraint-based grammars.” Emanuel Vasiliu Lectures in Formal Grammars, University of Bucharest, April 2002.
- “Cooperating constructions.” Workshop on Approaches to Mismatch, Berkeley Formal Grammar Conference, July 2000.
- “Practical and efficient default unification.” Workshop on Efficient Language Processing with High-level Grammar Formalisms, October 1999, Schloß Dagstuhl.
- “Choosing and implementing a unifier.” With John Carroll. First Working Meeting on Efficient Parsing with Wide-coverage HPSG Grammars, March 1999, Berlin.
- “Natural language generation for a speech prosthesis.” With Ivan Sag, Herbert Clark, Ann Copestake, Dan Flickinger, and John Carroll. Poster session, National Science Foundation Human-Computer Interaction Program Grantees’ Workshop, February 1999, Orlando
- “A look under the hood at two language engines.” With Ann Copestake. CSLI Industrial Affiliates Program tutorial, May 1997, Stanford.
- “Implementing HPSG grammars in ALE.” Korea Telecom/CSLI Joint Workshop, December 1994, Seoul.
- “Binding and extraction in Mohawk.” Head-Driven Phrase Structure Grammar Workshop, European Summer School in Language, Logic, and Information, August 1994, Copenhagen.
- “Mohawk agreement and HPSG.” HPSG Workshop, Linguistic Society of America Linguistic Institute, The Ohio State University, July 1993.

Other invited presentations (selected)

- “Connectionist morphology revisited.” UCSD Center for Research on Learning colloquium, February 2016.
- “Mining cultural insights from online texts.” Representing Human Dynamics with Big Data, Social Media, and Social Networks in Hyperlocal Contexts, NSF-CDI/NSF-IBSS Summer Specialist Meeting, San Diego, August 2015.
- “Explaining the Number Hierarchy.” Language, Cognition, and Computation Workshop, University of Chicago, May 2014.
- “Paradigm entropy and morphological organization.” CSU Fullerton, March 2014.
- “The low entropy conjecture.” Seoul National University, August 2013.
- “Digital primitives.” SXSW Interactive, March 2013.
- “Information and evolution in morphology.” UCSD Linguistics colloquium, January 2011.
- “Tutorial on maximum entropy models.” Rijksuniversiteit Groningen, January 2009.
- “User classification for informal online political discourse.” UCSD Artificial Intelligence colloquium, May 2007.
- “Latent Semantic Analysis.” MBS/Vox, August 2005.

- “Mining corpora for linguistic insights.” Department of Linguistics, University of Oslo, August 2004.
- “Natural language processing: A painless introduction.” MBS/Vox, May 2004.
- “Closer to ‘near.’” UCSD Linguistics colloquium. November 2003.
- “Language and Computation.” SDSU Linguistic Student Association Brown Bag lunch, February 2003.
- “English verbal gerunds as a mixed category construction.” Department of English Linguistics, University of Göttingen, November 2002.
- “Stochastic Unification-Based Grammars.” Computational Science colloquium, San Diego State University, November 2002.
- “Stochastic Head-Driven Phrase Structure Grammar.” Human Communication Research Centre, University of Edinburgh, June 2001.
- “Practical and efficient default unification.” Microsoft Research, December 2000, Redmond, Washington.
- “The order of prenominal adjectives in natural language generation.” School of Cognitive and Computing Sciences, University of Sussex, June 2000.
- “Choosing and implementing a unifier.” Computer science department, Duke University, March 1999.
- “Mixed categories in the hierarchical lexicon.” Center for Research in Language, University of California at San Diego, November 1997.

Courses taught

San Diego State University (2002–present)

- *Language and Computers*. Undergraduate general education survey of computational linguistics.
- *Fundamentals of Linguistics*. Upper division undergraduate / beginning graduate.
- *Functions of Language*. Upper division undergraduate / beginning graduate.
- *Computational Corpus Linguistics*. Upper division undergraduate / beginning graduate.
- *Morphology*. Upper division undergraduate / beginning graduate.
- *Introduction to Computational Linguistics*. Upper division undergraduate / beginning graduate, cross-listed in computer science dept.
- *Computational Simulation*. Upper division undergraduate / beginning graduate, listed in computer science dept.
- *Advanced Formal Syntax*. Graduate.
- *Statistical Methods in Computational Linguistics*. Graduate.
- *Advanced Statistical Methods in Computational Linguistics*. Advanced graduate.

- *Seminar: Simulation in Linguistic Theory*. Advanced graduate.
- *Seminar: Dependency Parsing*. Advanced graduate.
- *Seminar: Analyzing Web Texts*. Advanced graduate.
- *Seminar: Text Mining*. Advanced graduate.
- *Seminar: Machine Learning*. Advanced graduate.
- *Seminar: Word and Paradigm Morphology*. Advanced graduate.
- *Seminar: Information Theory in Linguistics*. Advanced graduate.
- *Seminar: Sociolinguistic Typology*. Advanced graduate.

University of Groningen (1999–2002)

- *Corpus Linguistics*. With Jack Hoeksema and Tanja Gaustad.
- *Selected Topics in Natural Language Processing*.

UC Berkeley (1998–1999)

- *Syntax and Semantics*.
- *Advanced Morphology*.

Summer schools

- *Machine Learning for NLP*. Seoul National University linguistics department, Summer 2013.
- *Probability and Information Theory*. Linguistic Society of America Summer Institute, Boulder, CO, Summer 2011.
- *An Introduction to Stochastic Attribute-Value Grammars*. European Summer School in Logic, Language, and Information (ESLLI), Helsinki, Summer 2001. With Miles Osborne.
- *Statistics for Linguists*. HPSG Summer School Trondheim, Summer 2001.
- *An Introduction to Grammar Engineering using HPSG*. European Summer School in Logic, Language, and Information (ESLLI), Birmingham, Summer 2000. With Ann Copestake. An Introduction to Grammar Engineering using Head-Driven Phrase Structure Grammar.