

CURRICULUM VITAE

Emily M. Bender

Department of Linguistics
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EMPLOYMENT

- 2004-** **Department of Linguistics, University of Washington**
Assistant Professor (2004–2010), Associate Professor (2010–)
Lab Director, Computational Linguistics Lab (2004–)
Faculty Director, Professional MA Program in Computational
Linguistics (2005–)
Adjunct Assistant Professor (2006–2010), Adjunct Associate
Professor (2010–), Department of Computer Science & Engineering
- 2003-2004** **Department of Linguistics, University of Washington**
Acting Assistant Professor
- 2003** **CSLI, Stanford University**
Senior Research Associate
- 2002-2003** **Department of Linguistics, Stanford University**
Acting Assistant Professor
- 2001-2002** **CSLI, Stanford University**
Visiting Scholar
- 2001-2002** **YY Technologies**
Grammar Engineer for Japanese
- 2000-2001** **Department of Linguistics, UC Berkeley**
Lecturer and Postdoctoral Researcher

EDUCATION

- 1997-2000** **Stanford University Ph.D. in Linguistics**
Dissertation: *Syntactic Variation and Linguistic Competence:
The Case of AAVE Copula Absence*
Committee: Thomas Wasow (Co-chair), Penelope Eckert (Co-chair),
John Rickford, Ivan Sag, Arnold Zwicky.
- 1997** LSA Linguistic Institute, Cornell University
- 1995-1997** **Stanford University M.A. in Linguistics**
- 1991-1995** **University of California, Berkeley A.B. in Linguistics**
Senior honors thesis: *Integrating Kanji into the Japanese Language
Curriculum.*
- 1993-1994** **Tohoku University, Sendai, Japan**

HONORS

- 2009** **R1edu award** for significant contributions to online and distance learning
- 2007** Nominated for UW **Distinguished Graduate Mentor Award**
- 2007** Nominated for UW **Excellence in Teaching Award**
- 1999-2000** **Dissertation Fellowship** Humanities and Sciences Graduate Alumni Association, Stanford University.
- 1999** **Centennial TA**, Stanford University.
- 1997** **Bloch Fellowship alternate**, Linguistic Society of America Linguistic Institute at Cornell University.
- 1995-1998** **National Science Foundation Graduate Research Fellowship**.
- 1995** **University Medal**, University of California, Berkeley, awarded to one graduating senior each year on the basis of academic achievement, community service, and leadership.
- 1994** **Phi Beta Kappa**, University of California, Berkeley.
- 1993-1994** **Japanese Ministry of Education (Monbusho) Fellowship** for one year's study at a Japanese national university.
- 1992-1993** **President's Undergraduate Fellowship**, for individual research, University of California, Berkeley.

GRANTS

- 2009** (Co-PI) 'Linguistic Cues to Social Goals in Spoken and Virtual, Private and Broadcast Interactions.' IARPA BAA-09-01 SCIL: Socio-cultural Content in Language. With Mari Ostendorf (EE; PI) and Marc Zachry (HCDE, Co-PI). \$1,277,154 (base period plus one option year).
- 2009** Cyberling 2009 Workshop: Towards a Cyberinfrastructure for Linguistics. NSF, \$38,573
- 2007** The Grammar Matrix: Computational Linguistic Typology. NSF CAREER Grant, 5 years, \$474,229
- 2003** (Co-PI) Stanford University MediaX Program on Learning and Training 'Learning English via Robust Conversation'
- 2000** UC Berkeley Instructional Minigrant 'Natural Language Corpora for Linguistic Research'

JOURNAL PUBLICATIONS

- Bender, Emily M. To appear. ‘On Achieving and Evaluating Language Independence in NLP.’ *Linguistic Issues in Language Technology*.
- Bender, Emily M., Scott Drellishak, Antske Fokkens, Laurie Poulson and Safiyah Saleem. 2010. ‘Grammar Customization.’ *Research on Language and Computation*.
- Bender, Emily M. 2010. ‘Reweaving a Grammar for Wambaya: A Case Study in Grammar Engineering for Linguistic Hypothesis Testing.’ *Linguistic Issues in Language Technology* 3(3). pp.1–34.
- Bender, Emily M. and Langendoen, D. Terence. 2010. ‘Computational Linguistics in Support of Linguistic Theory.’ *Linguistic Issues in Language Technology* 3(2). pp.1–31.
- Bender, Emily M. 2007. ‘Socially meaningful syntactic variation in sign-based grammar.’ In Adger, David and Trousdale, Graeme, eds. *English Language and Linguistics* 11(2) Special Issue on Variation in English Dialect Syntax: Theoretical Perspectives. pp.347–381.
- Bender, Emily M. 2005. ‘On the boundaries of linguistic competence: Matched-guise experiments as evidence of knowledge of grammar.’ In Borsley, Robert D., ed. *Lingua* 115/11: Special volume on data in syntax, semantics and pragmatics. pp.1579–1598.
- Bender, Emily. 2000. ‘The syntax of Mandarin *bǎ*: Reconsidering the verbal analysis.’ In *Journal of East Asian Linguistics* 9(2):105–145.

BOOKS

- Sag, Ivan A., Thomas Wasow, and Emily M. Bender. 2003. *Syntactic Theory: A Formal Introduction*. Second edition. Stanford: CSLI.
- Bender, Emily M., Ivan A. Sag and Thomas Wasow. 2003. *Instructor’s Manual for Syntactic Theory: A Formal Introduction*. Stanford: CSLI. <http://hpsg.stanford.edu/book/>

CONFERENCE PROCEEDINGS: FULL PAPER REVIEW

- Bender, Emily M., Dan Flickinger, Stephan Oepen and Yi Zhang. 2011. ‘Parser Evaluation over Local and Non-Local Deep Dependencies in a Large Corpus.’ *Proceedings of the 2011 Conference on Empirical Methods in Natural Language Processing*, Edinburgh, UK.
- Saleem, Safiyah and Emily M. Bender. 2010. ‘Argument Optionality in the LinGO Grammar Matrix.’ *Proceedings of the 22nd International Conference on Computational Linguistics (Coling 2010)*, Beijing, China.

- Bender, Emily M., Scott Drellishak, Antske Fokkens, Michael Wayne Goodman, Daniel P. Mills, Laurie Poulson, and Safiyyah Saleem. 2010. 'Grammar Prototyping and Testing with the LinGO Grammar Matrix Customization System.' *Proceedings of ACL 2010 Software Demonstrations*, Uppsala, Sweden.
- Bender, Emily M. 2008. 'Evaluating a Crosslinguistic Grammar Resource: A Case Study of Wambaya.' *Proceedings of ACL08:HLT*, Columbus, OH. pp.977-985.
- Bender, Emily M. and Dan Flickinger. 2005. 'Rapid Prototyping of Scalable Grammars: Towards Modularity in Extensions to a Language-Independent Core.' *Proceedings of IJCNLP-05 (Posters/Demos)*, Jeju Island, Korea. pp.203-208.
- Baldwin, Timothy, Emily M. Bender, Dan Flickinger, Ara Kim and Stephan Oepen. 2004. 'Road-testing the English Resource Grammar over the British National Corpus.' *Proceedings of LREC 2004*.
- Bender, Emily M. and Melanie Siegel. 2004. 'Implementing the Syntax of Japanese Numeral Classifiers.' In *Proceedings of the First International Conference on Natural Language Processing*. Hainan, China.

WORKSHOP PROCEEDINGS: FULL PAPER REVIEW

- Bender, Emily M., Jonathan T. Morgan, Meghan Oxley, Mark Zachry, Brian Hutchinson, Alex Marin, Bin Zhang and Mari Ostendorf. 2011. 'Annotating Social Acts: Authority Claims and Alignment Moves in Wikipedia Talk Pages'. *Proceedings of the Workshop on Language in Social Media (LSM 2011)*
- Marin, Alex, Mari Ostendorf, Bin Zhang, Jonathan T. Morgan, Meghan Oxley, Mark Zachry and Emily M. Bender. 2010. 'Detecting Authority Bids in Online Discussions.' *Proceedings of the IEEE Workshop on Spoken Language Technology 2010*. pp.49-54.
- Bender, Emily M. and Goss-Grubbs, David. 2008. 'Semantic Representations of Syntactically Marked Discourse Status in Crosslinguistic Perspective.' In *Proceedings of Semantics in Systems for Text Processing STEP 2008*. College Publications .
- Bender, Emily M., Xia, Fei and Bansleben, Erik. 2008. 'Building a Flexible, Collaborative, Intensive Master's Program in Computational Linguistics.' In *Proceedings of the Third Workshop on Issues in Teaching Computational Linguistics at ACL 2008:HLT*.
- Bender, Emily M., Poulson, Laurie, Drellishak, Scott and Evans, Chris. 2007. 'Validation and Regression Testing for a Cross-linguistic Grammar Resource.' In *Proceedings of the ACL 2007 Workshop on Deep Linguistic Processing*.
- Bender, Emily M. and Markus Egg and Michael Tepper. 2005. 'Semantic Construction for Nominal Expressions in Cross-Linguistic Perspective.' *Proceedings of the Sixth International Workshop on Computational Semantics*. Tilburg, The Netherlands.
- Bender, Emily M., Dan Flickinger, Jeff Good and Ivan A. Sag. 2004. 'Montage: Leveraging Advances in Grammar Engineering, Linguistic Ontologies, and Mark-Up for the Doc-

- umentation of Underdescribed Languages.’ In *Proceedings of the Workshop on First Steps for Language Documentation of Minority Languages: Computational Linguistic Tools for Morphology, Lexicon and Corpus Compilation, LREC 2004*, Lisbon, Portugal.
- Flickinger, Dan and Emily M. Bender. 2003. ‘Compositional Semantics in a Multilingual Grammar Resource.’ In *Proceedings of the Workshop on Ideas and Strategies for Multilingual Grammar Development, ESSLLI 2003*. Vienna, Austria. pp. 33–42.
- Bender, Emily M., Dan Flickinger, and Stephan Oepen. 2002. The Grammar Matrix: An Open-Source Starter-Kit for the Rapid Development of Cross-Linguistically Consistent Broad-Coverage Precision Grammars. In *Proceedings of the Workshop on Grammar Engineering and Evaluation at the 19th International Conference on Computational Linguistics*. Taipei, Taiwan.
- Siegel, Melanie and Emily M. Bender. 2002. Efficient Deep Processing of Japanese. In *Proceedings of the 3rd Workshop on Asian Language Resources and International Standardization at the 19th International Conference on Computational Linguistics*. Taipei, Taiwan.
- Oepen, Stephan, Emily M. Bender, Uli Callmeier, Dan Flickinger, and Melanie Siegel. 2002. Parallel Distributed Grammar Engineering for Practical Applications. In *Proceedings of the Workshop on Grammar Engineering and Evaluation at the 19th International Conference on Computational Linguistics*. Taipei, Taiwan.

CONFERENCE/WORKSHOP PROCEEDINGS: ABSTRACT REVIEW

- Fokkens, Antske, Laurie Poulson and Emily M. Bender. 2009. ‘Inflectional Morphology in Turkish VP Coordination.’ Müller, Stefan, ed. *Proceedings of the HPSG 2009 Conference*. Stanford, CSLI. pp.110–130
- Bender, Emily M. 2008. ‘Radical Non-Configurationality without Shuffle Operators.’ Müller, Stefan, ed. *Proceedings of the HPSG 2008 Conference*. Stanford, CSLI. pp.6–24.
- Bender, Emily M. 2007. ‘Combining Research and Pedagogy in the Development of a Crosslinguistic Grammar Resource.’ King, Tracy Holloway and Bender, Emily M. eds. *Proceedings of the GEAF 2007 Workshop*. Stanford, CA: CSLI Publications.
- Drellishak, Scott and Emily M. Bender. 2005. ‘A Coordination Module for a Crosslinguistic Grammar Resource’. Müller, Stephan, ed. *Proceedings of the 12th International Conference on Head-Driven Phrase Structure Grammar*. Stanford, CA: CSLI Publications.
- Bender, Emily M. and Jeff Good. 2005. ‘Implementation for Discovery: A Bipartite Lexicon to Support Morphological and Syntactic Analysis.’ In Edwards, Rodney L., Patrick J. Midtlyng, Colin L. Sprague and Kjersti G. Stensrud (eds) *Proceedings from the Panels of the Forty-First Annual Meeting of the Chicago Linguistic Society: Volume 41-2* pp.1–15.
- Siegel, Melanie and Emily M. Bender. 2004. ‘Head-Initial Constructions in Japanese.’ In Müller, Stefan (ed). *Proceedings of the 11th International Conference on Head-Driven*

Phrase Structure Grammar. Stanford: CSLI Publications. pp.244-260.

- Bender, Emily M., Dan Flickinger, Stephan Oepen and Annemarie Walsh. 2004. ‘Arboretum: Using a precision grammar for grammar checking in CALL.’ In *Proceedings of the InSTIL/ICALL Symposium 2004*.
- Bender, Emily M. and Andreas Kathol. In press (2001). ‘Constructional Effects of *Just Because ... Doesn’t Mean ...*’ In BLS 27.
- Bender, Emily. 2000. ‘Non-categorical constraints in perception.’ In Minnick Fox, Michelle, Alexander Williams, and Elsi Kaiser, eds. *Penn Working Papers in Linguistics* 7(1). pp. 15–26.
- Riehemann, Susanne Z. and Emily Bender. 1999. ‘Absolute constructions: On the distribution of predicative idioms.’ In Bird, Sonya, Andrew Carnie, Jason D. Haugen, and Peter Norquest, eds. *WCCFL 18: Proceedings of the 18th West Coast Conference on Formal Linguistics*. Somerville, MA: Cascadilla Press. pp. 476–489.
- Bender, Emily. 1999. ‘Constituting context: Null objects in English recipes revisited.’ In Alexander, Jim, Na-Rae Han, and Michelle Minnick Fox, eds. *Penn Working Papers in Linguistics* 6(1). pp. 53–68.

CONFERENCE PROCEEDINGS: INVITED PAPERS

- Bender, Emily M. 2009. ‘Linguistically Naïve != Language Independent: Why NLP Needs Linguistic Typology.’ *Proceedings of the EACL 2009 Workshop on the Interaction between Linguistics and Computational Linguistics: Virtuous, Vicious or Vacuous?*, Athens, Greece. pp.26–32.
- Bender, Emily M. 2008. ‘Grammar Engineering for Linguistic Hypothesis Testing.’ In Gaylord, Nicholas, Alexis Palmer, and Elias Ponvert, eds. *Proceedings of the Texas Linguistics Society X Conference: Computational Linguistics for Less-Studied Languages*. Stanford: CSLI Publications ONLINE. pp.16–36.

PUBLICATIONS IN EDITED COLLECTIONS

- Bender, Emily M., Sumukh Ghodke, Timothy Baldwin, and Rebecca Dridan. To appear. ‘From Database to Treebank: On Enhancing Hypertext Grammars with Grammar Engineering and Treebank Search.’ In Nordhoff, S. (ed) *Electronic Grammatography*. University of Hawai‘i Press.
- Bender, Emily M., Stephen Clark and Tracy Holloway King. To appear. ‘Computational Syntax.’ In Kiss, Tibor and Artemis Alexiadou (eds) *Syntax—An International Handbook of Contemporary Research*. Handbooks of Linguistics and Communication Science, Vol 9. Berlin: Walter de Gruyter Publishers.
- Bender, Emily M., Dan Flickinger and Stephan Oepen. 2011. ‘Grammar Engineering and

- Linguistic Hypothesis Testing: Computational Support for Complexity in Linguistic Analysis.’ In Bender, E.M. and J.E. Arnold (eds) *Language from a Cognitive Perspective: Grammar, Usage and Processing*. Stanford: CSLI. pp.5–29.
- Arnold, Jennifer E. and Emily M. Bender. 2011. ‘Introduction.’ In Bender, E.M. and J.E. Arnold (eds) *Language from a Cognitive Perspective: Grammar, Usage and Processing*. Stanford: CSLI. pp.1–4.
- Langendoen, D. Terence and Emily M. Bender. 2010. ‘Special Volume Introduction.’ *Linguistic Issues in Language Technology* 3(1). pp.1–3.
- Bender, Emily M. 2006. ‘Variation and Formal Theories of Grammar: HPSG’. In Brown, Keith (editor-in-chief). *The Encyclopedia of Language and Linguistics, Second Edition*. Oxford: Elsevier Publishers. pp.326–329.
- Bender, Emily M., Dan Flickinger, Frederik Fouvry, and Melanie Siegel. 2005. ‘Special Issue on Shared Representation in Multilingual Grammar Engineering: Introduction.’ *Journal of Research on Language and Computation* 3(2):131-138.
- Baldwin, Timothy, John Beavers, Emily M. Bender, Dan Flickinger, Ara Kim and Stephan Oepen. 2005. ‘Beauty and the Beast: What running a broad-coverage precision grammar over the BNC taught us about the grammar—and the corpus.’ Kepser, Stephan and Marga Reis (eds). *Linguistic Evidence: Empirical, Theoretical, and Computational Perspectives*. Mouton de Gruyter. pp.49–70.
- Bender, Emily M. and Ivan A. Sag. 2000. ‘Incorporating contracted auxiliaries in English.’ In Cann, Ronnie, Claire Grover and Philip Miller, eds. *Grammatical Interfaces in HPSG*. Stanford: CSLI. pp. 17–32.
- Bender, Emily and Dan Flickinger. 1999. ‘Diachronic evidence for extended Argument Structure.’ In Bouma, Gosse, Erhard Hinrichs, Geert-Jan Kruijff, and Richard Oehrle, eds. *Constraints and Resources in Natural Language Syntax and Semantics*. Stanford: CSLI. pp. 3–19.
- Bender, Emily and Dan Flickinger. 1999. ‘Peripheral constructions and core phenomena: Agreement in tag questions.’ In Webelhuth, Gert, Jean-Pierre Koenig, and Andreas Kathol, eds. *Lexical and Constructional Aspects of Linguistic Explanation*. Stanford: CSLI. pp. 199-214.

REVIEWS

- Bender, Emily M. 2008. Review of Huddleston and Pullum *A Student’s Introduction to English Grammar*.’ In *Language* 84(3):643–646.
- Bender, Emily M. 2002. Review of Martin et al (eds) *Step by Step: Essays on Minimalist Syntax in Honor of Howard Lasnik*.’ In *Journal of Linguistics* 38(2):432–439.

EDITED VOLUMES

- Bender, Emily M. and Jennifer E. Arnold. 2011. *Language from a Cognitive Perspective: Grammar, Usage and Processing*. Stanford: CSLI.
- Bender, Emily M. and D. Terence Langendoen. 2010. *Linguistic Issues in Language Technology* Volume 3: Implementation of Linguistic Analyses against Data.
- King, Tracy Holloway and Emily M. Bender. 2007. *Proceedings of the GEAF 2007 Workshop*. CSLI Studies in Computational Linguistics ONLINE. Stanford CA: CSLI Publications.
- Bender, Emily M., Dan Flickinger, Frederik Fouvry, and Melanie Siegel (eds). 2005. *Journal of Research on Language and Computation 3(2): Special Issue on Shared Representation in Multilingual Grammar Engineering*.
- Bender, Emily, Dan Flickinger, Frederik Fouvry, and Melanie Siegel (eds). 2003. *Proceedings of the Workshop on Ideas and Strategies for Multilingual Grammar Engineering, ESSLI 2003*.

WORKING PAPERS/OTHER

- Bender, Emily M. and Jeff Good. 2010. A Grand Challenge for Linguistics: Scaling Up and Integrating Models. Paper contributed to the NSF's SBE 2020 initiative.
- Bender, Emily M. and Sheila Bender. 2002. More than your English teacher ever told you. *Writing it Real*. Online: WritingItReal.com. 12 Sept 2002.
- Bender, Emily M. and Sheila Bender. 2002. More than your English teacher ever told you (Part II). *Writing it Real*. Online: WritingItReal.com. 14 Nov 2002.
- Bender, Emily. 1995. 'Gaikokugo toshite no nihongo no shuutoku ni okeru kanji no yakuwari ni tsuite [On the role of kanji in the acquisition of Japanese as a second language].' *Tohoku University Linguistics Journal* 4. pp. 179–191.

MANUSCRIPTS AND WORK IN PROGRESS

- Flickinger, Dan, Bender, Emily M. and Oepen, Stephan. 'MRS in the LinGO Grammar Matrix: A Practical User's Guide.'

REFEREED PRESENTATIONS

- 2012** 'From IGT to precision grammar: French verbal morphology.' Paper to be presented at the 86th Annual Meeting of the Linguistic Society of America, Portland OR. With David Wax and Michael Goodman.
- 2011** 'Analysing Interacting Phenomena: Word Order and Negation in Basque.' Paper pre-

sented at the 18th International Conference on Head-driven Phrase Structure Grammar, Seattle, WA. With Joshua Crowgey.

- 2011** ‘Parser Evaluation over Local and Non-Local Deep Dependencies in a Large Corpus.’ Paper to be presented at the 2011 Conference on Empirical Methods in Natural Language Processing, Edinburgh, UK. With Dan Flickinger, Stephan Oepen and Yi Zhang.
- 2011** ‘Annotating Social Acts: Authority Claims and Alignment Moves in Wikipedia Talk Pages’. Paper to be presented at the Workshop on Language in Social Media (LSM 2011). With Jonathan T. Morgan, Meghan Oxley, Mark Zachry, Brian Hutchinson, Alex Marin, Bin Zhang and Mari Ostendorf.
- 2011** ‘Authority Claims as Identity Markers in Wikipedia Discussion Pages.’ Paper presented at the Georgetown University Round Table on Languages and Linguistics (GURT) 2011. With Jonathan T. Morgan, Meghan Oxley, Mark Zachry, and Brian Hutchinson.
- 2011** ‘From Database to Treebank: Enhancing a Hypertext Grammar with Grammar Engineering.’ Paper presented at the Conference on Electronic Grammaticography. University of Hawai’i.
- 2011** ‘Grammar Engineering Complements Language Documentation.’ Poster presented at the 2nd International Conference on Language Documentation & Conservation. University of Hawai’i.
- 2010** ‘Argument Optionality in the LinGO Grammar Matrix.’ Poster presented at the 22nd International Conference on Computational Linguistics (Coling 2010), Beijing, China. With Safiyyah Saleem.
- 2010** ‘Grammar Prototyping and Testing with the LinGO Grammar Matrix Customization System.’ Software Demonstration at ACL 2010. With Scott Drellishak, Antske Fokkens, Michael Wayne Goodman, Daniel P. Mills, Laurie Poulson, and Safiyyah Saleem.
- 2010** ‘What’s in a Word? Redefining the Morphotactic Infrastructure in the LinGO Grammar Matrix Customization System.’ Poster presented at the Morphology and Formal Grammar Workshop at HPSG 2010. With Michael Wayne Goodman.
- 2009** ‘Inflectional morphology in Turkish VP-coordination’. At HPSG 2009. With Antske Fokkens and Laurie Poulson.
- 2009** ‘Implementing a machine-translation interface for English-Lillooet.’ At the Workshop on American Indigenous Languages (WAIL 2009). With Joshua Hou.
- 2008** ‘Semantic representations of syntactically marked discourse status in crosslinguistic perspective.’ At Semantics in Systems for Text Processing STEP 2008. With David Goss-Grubbs.
- 2008** ‘Radical non-configurationality without shuffle operators.’ At HPSG 2008.
- 2008** ‘Building a flexible, collaborative, intensive master’s program in computational linguistics.’ At the Third Workshop on Issues in Teaching Computational Linguistics,

- ACL 2008:HLT. With Fei Xia and Erik Banskleben.
- 2008** ‘Evaluating a crosslinguistic grammar resource: A case study of Wambaya.’ ACL08:HLT.
- 2007** ‘Combining research and pedagogy in the development of a cross-linguistic grammar resource.’ Grammar Engineering across Frameworks 2007.
- 2007** ‘Validation and regression testing for a cross-linguistic grammar resource.’ ACL 2007 Workshop on Deep Linguistic Processing. With Laurie Poulson, Scott Drellishak and Chris Evans.
- 2006** ‘Typological coverage and descriptive precision in grammar engineering.’ Presented at the 28th annual meeting of the German Society for Linguistics (DGfS), Bielefeld, Germany. With Scott Drellishak, Dan Flickinger, and Jeff Good.
- 2005** ‘Rapid prototyping of scalable grammars: Towards modularity in extensions to a language-independent core.’ Poster presented at IJCNLP-05, Jeju Island, Korea. With Dan Flickinger.
- 2005** ‘A coordination module for a crosslinguistic grammar resource’. Presented at HPSG 2005. With Scott Drellishak.
- 2005** ‘Implementation for discovery: A bipartite lexicon to support morphological and syntactic analysis.’ Presented at CLS 41. With Jeff Good.
- 2005** ‘Semantic constraints on syntactic analyses of NPs in grammar engineering.’ Presented at the 79th annual meeting of the LSA, Oakland. With Scott Drellishak, Bill McNeill, and Laurie Poulson.
- 2005** ‘Implementing a syntax-morphology interface for Athabaskan.’ Presented at the 79th annual meeting of the LSA, Oakland, CA. With Jeff Good.
- 2005** ‘Implemented grammars for the rest of the world: The challenge of Slave.’ Presented at the annual meeting of SSILA, Oakland, CA. With Jeff Good.
- 2004** ‘Head initial constructions in Japanese.’ Alternate for presentation at HPSG 2004. With Melanie Siegel.
- 2004** ‘Semantic selection in a cross-linguistic framework.’ Presented at HPSG 2004. With Dan Flickinger.
- 2004** ‘The LinGO Grammar Matrix’ (software demonstration). presented at the 2004 E-MELD Summer Workshop on Linguistic Databases and Best Practice. With Dan Flickinger and Stephan Oepen.
- 2004** ‘Arboretum: Using a precision grammar for grammar checking in CALL.’ Presented at InSTIL/ICALL Symposium 2004, Venice, Italy. With Dan Flickinger, Stephan Oepen and Annemarie Walsh.
- 2004** ‘Montage: Leveraging Advances in Grammar Engineering, Linguistic Ontologies, and Mark-Up for the Documentation of Underdescribed Languages.’ Poster presented at the Workshop on First Steps for Language Documentation of Minority Languages: Computational Linguistic Tools for Morphology, Lexicon and Corpus Compilation,

- LREC 2004, Lisbon, Portugal. With Dan Flickinger, Jeff Good and Ivan A. Sag.
- 2004** ‘Road-testing the English Resource Grammar over the British National Corpus’. Poster presented at the Fourth International Conference on Language Resources and Evaluation (LREC-2004), Lisbon. With Timothy Baldwin, Dan Flickinger, Ara Kim and Stephan Oepen.
- 2004** ‘Implementing the syntax of Japanese Numeral Classifiers’. Presented at the First International Joint Conference on Natural Language Processing, Haikou, China. With Melanie Siegel.
- 2004** ‘Beauty and the beast: What running a broad-coverage precision grammar over the BNC taught us about the grammar – and the corpus’. Presented at the International Conference on Linguistic Evidence, Tübingen, Germany. With Timothy Baldwin, John Beavers, Dan Flickinger, Ara Kim, and Stephan Oepen.
- 2004** ‘Gap-less instrumental relative clauses in English’. Presented at the 78th annual meeting of the LSA, Boston. With John Beavers.
- 2003** ‘Compositional semantics in a multilingual grammar resource’. Presented at the Workshop on Ideas and Strategies for Multilingual Grammar Development, ESSLLI 2003, Vienna. With Dan Flickinger.
- 2002** ‘The Grammar Matrix: An open-source starter-kit for the rapid development of cross-linguistically consistent broad-coverage precision grammars’. Presented at the Grammar Engineering and Evaluation Workshop, Coling 2002, Taipei, Taiwan. With Dan Flickinger and Stephan Oepen.
- 2002** ‘Efficient deep processing of Japanese’. Presented at the 3rd Workshop on Asian Language Resources and International Standardization, Coling 2002, Taipei, Taiwan. With Melanie Siegel.
- 2002** ‘Parallel distributed grammar engineering for practical applications’. Presented at the Grammar Engineering and Evaluation Workshop, Coling 2002, Taipei, Taiwan. With Stephan Oepen (lead author), Uli Callmeier, Dan Flickinger, and Melanie Siegel.
- 2002** ‘Number names in Japanese: A head-medial construction in a head-final language’ at the 76th annual meeting of the LSA, San Francisco.
- 2001** ‘A constructional analysis of *just because . . . doesn’t mean*’ presented at the First International Conference on Construction Grammar, Berkeley. With Andreas Kathol.
- 2001** ‘Just because the clause is finite doesn’t mean it has a subject’ presented at Berkeley Linguistics Society 27. With Andreas Kathol.
- 2001** ‘AAVE copula absence is not phonological deletion’ at the 75th annual meeting of the LSA, Washington DC.
- 2000** ‘Experience-based HPSG’ at the Berkeley Formal Grammar Conference 2000. With Susanne Riehemann.
- 2000** ‘Non-categorical constraints in perception’ at the 24th Penn Linguistics Colloquium.

- 1999 ‘Incorporating contracted auxiliaries in English’ at HPSG’99, Edinburgh, UK. With Ivan A. Sag.
- 1999 ‘Constructions and the distribution of predicative idioms’ at WCCFL XVIII, Tucson AZ. With Susanne Riehemann.
- 1999 ‘Deconstructing register: Null objects in English recipes revisited’ at the 23rd Penn Linguistics Colloquium.
- 1998 ‘Are there any side effects to that prescription?’ at NWAV(E) 27, Athens, Georgia.
- 1998 ‘Looks like a Trojan horse got into the argument structure’ at the Joint Conference on Formal Grammar, Head-Driven Phrase Structure Grammar, and Categorical Grammar, Saarbrücken, Germany. With Dan Flickinger.
- 1997 ‘No one’s forgotten the periphery, have they?’ at the International Conference on Head-Driven Phrase-Structure Grammar HPSG97, Ithaca NY. With Dan Flickinger.
- 1997 ‘Understanding Mandarin *bǎ* as a verb’ at the 71st meeting of the Linguistic Society of America, Chicago.
- 1996 ‘On the verbal status of Mandarin *bǎ*’ at the LFG Workshop and Colloquium, Grenoble, France.

INVITED PRESENTATIONS

- 2011 ‘From IGT to Treebank for Language Documentation: An Example with Chintang [ctn].’ Paper presented at SILT Forum, Braneis University.
- 2009 ‘Computational methods for linguistic analysis: What a cyberinfrastructure could do for you, what you can do for a cyberinfrastructure.’ University of Washington, Department of Linguistics Colloquium. Seattle, WA. May 2009.
- 2009 Panelist, EACL 2009 workshop ‘The Interaction between Linguistics and Computational Linguistics: Virtuous, Vicious or Vacuous?’ Athens, Greece, March 2009.
- 2009 ‘Modern approaches to parsing: Symbolic and statistical’. Tutorial presented in CSE 590AI, University of Washington, with Fei Xia. Seattle, WA, February 2009.
- 2009 ‘Validating analyses against data: Why syntax needs large scale validation.’ LSA Symposium on Computational Linguistics in the Service of Linguistic Analysis. San Francisco, CA, January 2009.
- 2009 ‘Computational linguistics in support of linguistic theory.’ LSA Plenary talk, with D. Terence Langendoen. San Francisco, CA, January 2009.
- 2008 ‘Multilingual grammar engineering with the Grammar Matrix: Crosslinguistic hypothesis testing.’ Computational Linguistics Colloquium. Universität des Saarlandes and DFKI Berlin, Germany, December 2008.
- 2008 ‘Computational linguistic typology: Computational methodology for combining typological and formal morphosyntactic analysis.’ Universität Leipzig, Germany, December

- 2008.
- 2008** ‘Radical non-configurationality and semantic composition.’ DELPH-IN Summit, Kyoto, Japan, August 2008.
- 2008** Organized and moderated panel on curriculum design for the Third Workshop on Issues in Teaching Computational Linguistics, at ACL08:HLT (with Fei Xia), June 2008.
- 2008** ‘Extending our reach: Rapid course development & online course delivery using web conferencing,’ UW Symposium on Teaching and Learning 2008 (with Erik Bansleben), May 2008.
- 2007** ‘Computer-assisted syntactic modeling, with reference to Wambaya.’ Simon Fraser University, Department of Linguistics Colloquium, Burnaby, BC, November 2007
- 2007** ‘Computation in computational linguistics.’ Intel Corporation, Santa Clara, CA, August 2007.
- 2007** ‘MMT: Massively Multilingual Machine Translation using the Grammar Matrix.’ Demo presented at Grammar Engineering across Frameworks 2007, Stanford University. With Scott Drellishak, Margalit Zabludowski, and Stephan Oepen. July 2007.
- 2007** ‘Linguistic hypothesis testing with implemented grammars.’ Department of Linguistics Colloquium, University at Buffalo, The State University of New York, April 2007.
- 2007** ‘The state of the art in computational linguistics: How to get at information encoded in natural language.’ Amazon Developer’s Conference, Seattle WA, January 2007.
- 2006** ‘The Grammar Matrix: A crosslinguistic resource to promote grammar engineering for linguistic hypothesis testing’. Keynote address. Texas Linguistics Society X. Austin TX, November 2006.
- 2006** ‘Grammar engineering for crosslinguistic hypothesis testing.’ University of Washington, Department of Linguistics Colloquium, October 2006.
- 2006** ‘Whence the Matrix?’ DELPH-IN participants workshop, Fefor, Norway, June 2006.
- 2006** ‘Computational linguistics, or: What can computers do with language?’ Puget Sound Business Intelligence Group, June 2006.
- 2006** ‘Typological configuration of starter grammars based on the LinGO Grammar Matrix’ Demo at 8th Quarterly Microsoft-UW Symposium in Computational Linguistics. With Scott Drellishak and Dan Flickinger. June 2006.
- 2005** ‘Matrix Modules: Development and user interface’ at the DELPH-IN participants workshop, Lisbon, Portugal. With Dan Flickinger. August 2005.
- 2005** ‘Crosslinguistic resources for the rapid development of precision computational grammars’ at the University of Washington, Computer Science and Engineering Colloquium, May 2005.
- 2005** ‘A new research center in computational linguistics.’ Poster presented at the 6th Microsoft/UW Symposium on Computational Linguistics. With Oren Etzioni and

Jonathan Pool. April 2005.

- 2005** ‘Classifying sentences based on string and morphosyntactic similarity to facilitate data analysis in documentary linguistics.’ Poster presented at the 6th Microsoft/UW Symposium on Computational Linguistics. With Jeff Good and Laurie Poulson. April 2005.
- 2005** ‘Computational linguistics/Natural language processing: What can text do for you?’ at Amazon.com.
- 2004** ‘The lexicon in the LinGO Grammar Matrix: Cross-linguistic hypotheses about words’ at the University of Washington, Department of Linguistics Colloquium, February 2004.
- 2003** ‘The syntax-semantics interface in the LinGO grammar matrix’ at Microsoft. With Dan Flickinger and Stephan Oepen.
- 2003** ‘On the syntax-socio interface: Implications of sociolinguistic variation for competence grammar’ at Georgetown University.
- 2003** ‘Grammar checking in the arboretum: Finding and curing trees’ at the Microsoft/University of Washington Symposium, University of Washington, October 2003.
- 2002** ‘Corpus methods for sociolinguistics’, workshop given at NWAV 31, Stanford University, October 2002.
- 2002** ‘Compositional semantics at work: MRS in an HPSG for Japanese’ at the University of Washington.
- 2001** ‘Grammar development in the LKB system’ at the University of California, Berkeley.
- 2001** ‘What underlies non-categorical grammatical constraints on variation? A case study of AAVE variable copula absence’ at University of Colorado, Boulder.
- 2000** ‘What copula absence tells us about linguistic competence’ at University of California, Berkeley.
- 2000** ‘The fuzzy boundaries of competence grammar’ at Cornell University.
- 2000** ‘Motivating an empty category: Copulaless sentences in AAVE’ at the University of Minnesota.
- 1999** ‘Tag questions and the LinGO grammar’ at Simon Fraser University. With Dan Flickinger.
- 1996** ‘Integrating kanji into the Japanese language curriculum’ at the University of California, Berkeley.

TUTORIALS

- 2010** ‘The LinGO Grammar Matrix: Rapid Grammar Development for Hypothesis Testing’ at HPSG 2010. With Antske Fokkens.

2010 ‘Grammar Customization with the LinGO Grammar Matrix’ at LREC 2010. With Antske Fokkens and Safiyyah Saleem.

RESEARCH ASSISTANTSHIPS

1996-1999 Linguistic Grammars Online project (associated with the *Verbmobil* machine translation project), Stanford University. Responsibilities included development, implementation, and documentation of an HPSG for English.

1992 Berkeley Restaurants speech recognition project, International Computer Science Institute, Berkeley CA. Responsibilities included elicitation of natural language data in a Wizard of Oz experiment, transcription of the data, and alignment of the transcription with the speech signal.

TEACHING EXPERIENCE

Introduction to Syntax for Computational Linguistics (annually since 2005, UW)

Knowledge Engineering for NLP (annually since 2004 except 2011, UW)

Introduction to Computational Linguistics (2008, 2004, 2003; UW)

Seminar (WI 2010): Information Structure in Computational Syntax, UW.

Seminar (SP 2009): Computational Linguistics and Linguistic Typology, UW.

Seminar (SP 2008): Lexical Acquisition for Precision Grammars, UW.

Precision Grammar Implementation for Linguistic Hypothesis Testing, LSA Linguistic Institute (Stanford, Summer 2007). Co-taught with Dan Flickinger and Stephan Oepen.

Seminar (WI 2007): Quantification, Semantic Representations, and the Syntax-Semantics Interface, UW.

Head-Driven Phrase Structure Grammar, LSA Linguistic Institute (MIT/Harvard, Summer 2005). Co-taught with Ivan Sag and Thomas Wasow.

Seminar (AU 2004): Computational Morphology, UW.

Seminar (SP 2004): Statistical Methods in NLP, UW.

Syntax I (undergraduate), UW (WI 2004)

Language in Society (undergraduate), Stanford (SP 2003; Writing in the Major course; service learning course).

Introduction to Linguistics (undergraduate), Stanford (WI 2003)

Introduction to Syntax (undergraduate), Stanford (AU 2002)(co-taught with Thomas Wasow).

Introduction to Syntax and Semantics (undergraduate), UC Berkeley (SP 2001)

Syntax and Semantics II (graduate seminar), UC Berkeley (SP 2001)
Sociolinguistic Variation (graduate seminar), UC Berkeley (AU 2000)
Corpus-Based Syntax (graduate seminar), UC Berkeley (AU 2000)

PHD STUDENTS – CHAIR OF COMMITTEE

Michael Goodman, Linguistics, admitted Spring 2010
Sanghoun Song, Linguistics, admitted Autumn 2009
Laurie Poulson, Linguistics, PhC September 2009
Steven Moran, Linguistics, PhC March 2009
David Goss-Grubbs, Linguistics, PhD completed June 2010
Scott Drellishak, Linguistics, PhD completed June 2009; UW nomination for WAGS/UMI
Innovation in Technology Award

PHD STUDENTS – MEMBER OF THE READING COMMITTEE

Bin Zhang, Electrical Engineering
Alex Marin, Electrical Engineering
Ryan Georgi, Linguistics, admitted Autumn 2009
Michael Tepper, Linguistics, admitted November 2008
Jeremy Kahn, Linguistics, PhD completed Autumn 2010
Lesley Carmichael, Linguistics, PhD completed Spring 2005

PHD STUDENTS – GRADUATE SCHOOL REPRESENTATIVE

Marc Brennan, Speech and Hearing Sciences, passed defense December 2010
Stephanie Bor, Speech and Hearing Sciences, passed defense February 2009

MA STUDENTS – CHAIR OF THE COMMITTEE

Matt Hohensee, Linguistics (CLMA), admitted Autumn 2010
Joshua Crowgey, Linguistics, admitted Autumn 2009
David Wax, Linguistics (CLMA), admitted Autumn 2009
Glenn Slayden, Linguistics (CLMA)

Safiyah Saleem, Linguistics (CLMA), MA thesis completed June 2010
Michael Goodman, Linguistics (CLMA), MA thesis completed August 2009
Kelly O'Hara, Linguistics (CLMA), MA thesis completed October 2008
Shauna Eggers, Linguistics (CLMA), admitted Autumn 2005
Laurie Poulson, Linguistics, MA thesis completed June 2006

MA STUDENTS – MEMBER OF THE READING COMMITTEE

Margaret Mitchell, Linguistics (CLMA), MA thesis completed, October 2008
Michael Tepper, Linguistics, MA thesis completed, December 2007
Zhengbo Zhou, Linguistics (CLMA), MA project completed, December 2007
Bill McNeill, Linguistics, MA thesis completed, September 2006
David Goss-Grubbs, Linguistics, MA thesis completed, December 2005
Jeremy Kahn, Linguistics, MA thesis completed, August 2005

BA/BS STUDENTS

Jennifer Shelton, Individualized Undergraduate Studies (Cognitive Science), faculty sponsor
Joshua Hou, BA honors thesis advisor

ACADEMIC SERVICE: CONFERENCE AND WORKSHOP ORGANIZATION

2011 Local chair, HPSG conference, Seattle, August 2011.
2011 Local chair, DELPH-IN Summit, Seattle, June 2011.
2010 Co-organizer, DELPH-IN Summit, Paris, France, July 2010.
2009 Co-organizer, DELPH-IN Summit, Barcelona, Spain, July 2009.
2009 Organizer, Cyberling 2009: Towards a Cyberinfrastructure for Linguistics, Berkeley CA, July 2009.
2009 Co-organizer, LSA plenary session on computational linguistics in the service of linguistic analysis. San Francisco, CA, January 2009.
2007 Organizing Committee, Toward the Interoperability of Linguistic Resources, Stanford CA, July 2007.
2007 Co-organizer, Grammar Engineering Across Frameworks 2007, LSA Linguistic Institute, Stanford CA, July 2007.
2006 Co-organizer, DELPH-IN Summit, Fefor, Norway, June 2006.

- 2006** Co-organizer, Digital Tools Summit Linguistics, East Lansing MI, June 2006.
- 2005** Co-organized DELPH-IN Summit, Lisbon, Portugal, August 2005.
- 2003** Co-organizer, ESSLLI 2003 Workshop: Ideas and Strategies for Multilingual Grammar Development, Vienna, Austria, August 2003.

ACADEMIC SERVICE: CONFERENCE AND WORKSHOP REVIEWING

- 2012** Scientific committee, LREC 2012
- 2012** Program committee, NAACL/HLT 2012
- 2011** Program committee, NASSLLI 2012
- 2011** Program committee, Workshop on Language Resources, Technology and Services in the Sharing Paradigm at IJCNLP 2011
- 2011** Program committee, IJCNLP 2011
- 2011** Area chair, Language Resources, EMNLP 2011
- 2011** Program committee, PACLING 2011
- 2011** Program committee, HPSG 2011
- 2010** Program committee, Workshop on Advanced Corpus Solutions, PACLIC
- 2010** Reviewer for TAG+ 2010
- 2010** Program committee, HPSG 2010
- 2010** Program committee, Workshop on Morphology and Formal Grammar at HPSG 2010
- 2010** Program committee, NW-NLP 2010
- 2010** Reviewer for NAACL HLT 2010
- 2010** Area chair, syntax and grammar, COLING 2010
- 2009** Program committee, PACLING 2009
- 2009** Program committee, GEAF 2009
- 2008** Reviewer for EACL 2009
- 2008** Program committee, GEAF 2008
- 2007** Program committee, IJCNLP 2008 Workshop on NLP for Less Privileged Languages
- 2007** Program committee, ACL 2007 Workshop on Deep Linguistic Processing
- 2007** Reviewer, 2nd International Workshop on Typed Feature Structure Grammar
- 2007** Program committee, PACLING 2007
- 2007** Program committee, HPSG 2007
- 2006** Senior Program Committee member, syntactic resources, grammar and parsing, HLT-NAACL 2007

- 2006 Reviewer for IJCAI 2007 Workshop on Modeling and Representation in Computational Semantics
- 2006 Expert external reviewer, LSA 2007 Annual Meeting
- 2006 Reviewer for Texas Linguistics Society X
- 2006 Program committee, Treebanks and Linguistic Theory 2006
- 2006 Program committee, HPSG 2006
- 2005 Program committee, Treebanks and Linguistic Theory 2005
- 2005 Reviewer for IJCNLP-05, Machine Translation track
- 2005 Program committee, HPSG 2005
- 2004 Program committee, Treebanks and Linguistic Theory 2004
- 2004 Reviewer for WCCFL-23
- 2003 Reviewer for IJCNLP-04
- 2002 Reviewer for WCCFL-22
- 2001 Program Committee, HPSG 2001
- 2000 Reviewer for the International Cognitive Linguistics Conference, ICLC 2001

ACADEMIC SERVICE: JOURNAL AND BOOK REVIEWING

- 2010- Member of the Editorial Board *Language Resources and Evaluation*
- 2011 Reviewer for *Proceedings of the Conference on Electronic Grammaticography*
- 2011 Reviewer for *Journal of Linguistics*
- 2011 Reviewer for *Language Documentation & Conservation*
- 2010 Reviewer for *Constructions and Frames*
- 2009 Reviewer for *Linguistic Issues in Language Technology*
- 2009 Reviewer for *Research on Language and Computation*
- 2009 Reviewer for *Computational Linguistics*
- 2009 Reviewer for *Language*
- 2007 Reviewer for *Natural Language and Linguistic Theory*
- 2007 Reviewer for *Journal of Linguistics*
- 2006 Reviewed book proposal for Macmillan
- 2006 Reviewed manuscript for Oxford University Press
- 2006 Reviewer for *Cognitive Linguistics*
- 2005 Reviewer for *Journal of Research on Language and Computation*

2004 Reviewer for *Journal of Linguistics*

2003 Reviewer for *Language*

2000 Reviewer for Cann, Ronnie, Claire Grover and Philip Miller, eds. *Grammatical Interfaces in HPSG*, Stanford: CSLI.

ACADEMIC SERVICE: FUNDING AGENCY REVIEWING

2011 Reviewer for NSF

2010 Reviewer, Small Grants Application, Institute of Translational Health Sciences

2009 Rapporteur for Economic & Social Research Council (UK)

2009 Reviewer for NSF

2009 Reviewer for Agence Nationale de la Recherche (France), Programme Jeunes Chercheuses et Jeunes Chercheurs

2008 Reviewer for NSF

2008 Reviewer for UW Royalty Research Fund

2007 Reviewer for NSF

2004 Reviewer for NSF

2003 Reviewer for UW Royalty Research Fund

2003 Reviewer for NSF

ACADEMIC SERVICE: OTHER

2011- Member, Professional Outreach Committee, LSA

2009-2011 Scientific advisory board member, Sustainable Interoperability of Language Technology (SILT)

2008- LSA's Delegate to ACL and ex-officio member of LSA's Technology Advisory Committee

2005-present Director and Vice President, Utilika Foundation

2004-present DELPH-IN standing committee.

2003-present HPSG Standing Committee.

2007-2010 Program Committee member, North American Computational Linguistics Olympiad (NSF sponsored)

2005 Volunteer, 2005 UW Breath of Life

1999 Graduate student representative to the provost selection committee, Stanford University.

1997-1998 Admissions committee member, Linguistics Department, Stanford University.
1996-1997 Graduate Student Representative, Linguistics Department, Stanford University.
1995-1997 Co-coordinator for the Stanford Linguistics Department Colloquium.

SERVICE at UW

2005-present Faculty director, Professional MA in Computational Linguistics
2004-present Lab director, Computational Linguistics Laboratory
2011-2012 Member, Teaching & Learning in the 21st Century, Pedagogy Working Group
2009-2010 Chair, computational linguistics search committee
2006-present Advisory Board, Certificate in Business Intelligence, Educational Outreach
2011 Member, ad hoc committee on resources, Department of Linguistics
2010 Member, ad hoc committee on TA selection process, Department of Linguistics
2009 Review Committee member, NLP faculty search, Department of Medical Information and Biomedical Informatics
2006-2007 Ad hoc task force on minority recruitment and retention, Department of Linguistics
2005-present Advisory Board, Turing Center, Department of Computer Science and Engineering, University of Washington
2005-present Events Committee, Turing Center
2005 Search committee, UWEO Associate Director
2005-present Admissions, Professional MA program
2004-2005 Chair, computational linguistics search committee
2004-2007 Microsoft/UW Quarterly Symposium in Computational Linguistics organizing committee

LANGUAGES

French near native.

Japanese spoken: near native, written: advanced.

Mandarin spoken: intermediate, written: intermediate.

American Sign Language intermediate.

Malayalam beginning.

MEMBERSHIPS

Association for Computational Linguistics

European Association for Logic, Language and Information

Linguistic Society of America

Society for the Study of the Indigenous Languages of the Americas

November, 2011