

Anthony S. Kroch
Curriculum Vitae
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RESEARCH INTERESTS

- Historical syntax (studying parametric grammar change through the analysis of corpus data)
- Computational linguistics (applied statistical Natural Language Processing for corpus construction)
- Information structure (and the syntax/prosody interface)
- Sociolinguistics (the quantitative analysis of usage data)
- The formal analysis of natural language syntax (Tree Adjoining Grammar and the formalization of transformational theory)
- The syntax-semantics interface (implications for the architecture of grammar revealed by the analysis of copular sentences)

BIOGRAPHICAL DATA

Birth date:	April 2, 1946
Citizenship:	United States
Civil Status:	Married (in 1967 to Martha Burgess)
Children:	Miriam, born 1972 Deborah, born 1974 Abigail, born 1978

EDUCATION

Ph.D. in Linguistics, Massachusetts Institute of Technology (under the direction of Professors Paul Kiparsky, Noam Chomsky and Kenneth Hale).
September 1974

A.B. *summa cum laude* in Anthropology, Harvard University (under the direction of Professor David Maybury-Lewis).
June 1967

Diploma from Needham Senior High School, Needham, Massachusetts.
June 1963

RECENT HONORS

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| 2012 | Distinguished Lecturer, Haverford College. |
| 2011 | Elected Fellow of the Linguistic Society of America. |
| 2009 | Invited to give inaugural keynote address to ROSAE: The First International Meeting of the Brazilian Association for Historical Linguistics, Salvador, Bahia, Brazil. |
| 2005 | Invited to give Forum Lecture, Linguistic Society of America Summer Institute. |
| 2005 | Awarded Edmund J. and Louise W. Kahn Endowed Term Professorship in the Cognitive Sciences, University of Pennsylvania. |
| 2001 | Invited to give distinguished lecture series to the Beijing Language and Culture University, Beijing, China. |

RECENT CAREER HISTORY

A. Primary faculty position:

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| 1991 – present | Professor, Department of Linguistics, School of Arts and Sciences, University of Pennsylvania, Philadelphia, PA. |
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B. Visiting faculty positions:

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| February 2013 | Visiting Professor, ABRALIN Summer School, Universidade Federal do Natal. |
| February 2011 | Visiting Professor, ABRALIN Summer School, Universidade Federal do Paraná. |
| July 2005 | Visiting Professor of Linguistics, Linguistic Institute Summer School, Massachusetts Institute of Technology. |
| April 2005 | Visiting Professor of Linguistics, Doctoral School, University of Geneva, Switzerland. |
| July 2003 | Visiting Professor of Linguistics, Linguistic Institute Summer School, Michigan State University. |

C. University administrative positions:

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|----------------|--------------------------------------------------------------------------------------------------------------|
| 7/10 – present | Chair, Department of Linguistics, School of Arts and Sciences, University of Pennsylvania. |
| 7/97 – 7/04 | Chair, Department of Linguistics, School of Arts and Sciences, University of Pennsylvania. |
| 1999 – 2000 | Member, Penn SAS Language Advisory Board. |
| 7/98 – 7/99 | Member, Penn SAS Task Force on Foreign Languages and Literatures. |
| 1997 – 1999 | Member, Penn SAS Faculty advisory committee to the Writing Program. |
| 7/90 – 7/97 | Member, Executive Committee, Institute for Research in Cognitive Science (IRCS), University of Pennsylvania. |
| 7/94 – 6/96 | Chair, Penn SAS Committee on Graduate Education. |
| 7/94 – present | Computing coordinator, Penn SAS Department of Linguistics. |

7/93 – 7/95 Member, Penn SAS Committee on Academic Freedom and Responsibility.

D. Administrative service:

- 6/11 Organizer, Diachronic Generative Syntax Conference XIII, University of Pennsylvania.
- 2010 – 2012 Member, Advisory Board of the Center for Linguistics of the University of Lisbon.
- 4/01 Member, Georgetown University Linguistics Department external review committee.
- 7/00 – 2/01 Member, Penn SAS Dean’s Internal Review Committee for the Department of Psychology.
- 11/99 Member of the national evaluation committee for Linguistics and Computational Linguistics in Portugal.
- 1999 – 2001 External advisor, graduate program in linguistics and computational linguistics, University of Stuttgart, Germany.
- 3/99 Member, Cornell University Linguistics Department external review committee.
- 1996 – 1997 Chair, IRCS interdepartmental committee to establish undergraduate Cognitive Science Major, approved in April 1997.
- 7/93 – 7/95 Coordinator, IRCS/UNCF (United Negro College Fund) collaborative program in cognitive science education, under a grant from the James S. McDonnell Foundation.
- 11/93 Organizer, Second International Workshop on Generative Diachronic Syntax, held at the University of Pennsylvania.
- 3/91 – 7/91 Member, Penn SAS Dean’s Internal Review Committee for the Department of Psychology.
- 7/90 – 7/93 Member, Penn SAS Humanities Coordinating Committee.

E. Editorial activity:

- 2000 – present Member of the editorial board, *Journal of Portuguese Linguistics*.
- 1997 – present Member of the editorial board, *English Language and Linguistics*.
- 1997 – present Member of the editorial board, *Journal of Comparative Germanic Syntax*.
- 1996 – present Member of the editorial board, *DELTA*, a Brazilian journal of linguistics.
- 1988 – 2006 Co-editor, *Language Variation and Change*, a quarterly journal of quantitative studies in linguistics, Cambridge University Press (with William Labov and David Sankoff).

RESEARCH ACTIVITIES AND SUPPORT

A. Grants for research:

Principal Investigator, National Science Foundation Grant BCS-1147499, “Testing and improving methods for efficient annotation through the construction of a large parsed corpus.”

July 2012 – June 2015

- Principal Investigator, National Science Foundation Grant BCS-1104768, “Diachronic Generative Syntax Conference XIII: Support for meeting and associated workshop.”
May 2011 – October 2012
- Principal Investigator, National Science Foundation Grant OISE-0639066, “U.S. – Iceland Workshop on Change and Variation in Icelandic Syntax.”
September 2006 – March 2008
- Principal Investigator, National Science Foundation Grant SGER 0527116, “Enriching Parser Output for Treebank Construction.”
April 2005 – June 2006
- Co-principal Investigator, Canadian Social Science and Humanities Research Council, “Modéliser le changement : les voies du français (Modeling change: the trajectories of French).”
January 2005 – January 2010
- Principal Investigator, National Science Foundation Grant BCS 0418061, “A Parsed Historical Corpus of Modern British English.”
September 2004 – February 2011
- Co-principal Investigator, University Research Foundation, “Penn Parsed Corpus of Sumerian (PPCS): Pilot Program.”
July 2003 – June 2004
- Principal Investigator, National Endowment for the Humanities Grant PA 23382-99, “Creating an Electronic Parsed Corpus of Early Modern English.”
September 1999 – September 2003
- Principal Investigator, National Science Foundation Grant BCS 99-05488, “The Emergence of Modern English Syntax.”
September 1999 – September 2004
- Co-principal Investigator, DARPA Grant N66001-00-1-8915, “Translingual Information Detection, Extraction and Summarization.” Other PIs: Martha Palmer, Aravind Joshi, Mitch Marcus, Mark Liberman.
January 2000 – January 2005
- Principal Investigator, National Science Foundation Grant SBR 95-11368, “The Historical Syntax of Middle English from a Comparative Perspective.”
February 1996 – July 1999
- Principal Investigator, National Science Foundation Grant BNS 89-19701, “Head-Complement Word Order in the History of the West Germanic Clause.”
July 1990 – December 1993
- Recipient, University of Pennsylvania Research Foundation Grant, “West Germanic Historical Syntax.”
Summer 1990, Fall 1993
- Research Supervisor, “Linguistic Relevance of Tree Adjoining Grammar,” NSF Grants MCS-82-19116 and DCR-84-10413, Aravind Joshi, Principal Investigator.
July 1985 – 1997

B. Research collaborations:

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| 2013 – 2016 | Collaborator on the proposed Penn-Frankfurt partnership for the construction of a parsed corpus of Old Italian with Professors Cecilia Poletto and Günther Grewendorf of the University of Frankfurt. |
| 2013 – 2017 | Partner in the proposed Center for Language History and Diversity at the University of York, UK. |

2009 – 2011	Work on modeling language evolution – Joshua Plotkin, Department of Biology and Robin Clark, Linguistics.
2011 – present	Consultant on parsed corpus construction – Roland Meyer, University of Regensburg.
2009 – present	Consultant on parsed corpus construction – Eiríkur Rögnvaldsson, University of Iceland.
2009 – present	Consultant on parsed corpus construction – Christina Tortora, Department of Linguistics, CUNY.
2008 – 2011	Consultant on corpus construction – Natascha Müller, Bergische Universität Wuppertal.
2000 – present	Consultant on parsed corpus construction – Ana Maria Martins, Centro de Linguística, Universidade Classica de Lisboa.
1998 – present	Consultant on the construction of the Tycho Brahe Corpus of Historical Portuguese in the project on Rhythmic Patterns, Parameter Setting and Language Change – Charlotte Chambelland Galves, Instituto de Estudos da Linguagem, Universidade de Campinas.
1997 – present	Research on the historical syntax of English – Susan Pintzuk and Anthony Warner, University of York.
1995 – 2002	Member of the scientific committee – Project on Statistical Physics, Pattern Recognition and Language Change, Antonio Galves – director, Universidade de São Paulo and Universidade de Campinas.
1994 – present	Research on the syntax/semantics interface – Caroline Heycock, Department of Linguistics, University of Edinburgh.
1993 – 1995	Consultant on historical corpus construction – Maria Francisca Xavier, Department of Linguistics, Universidade Nova de Lisboa.
1993 – present	Collaboration on the construction of parsed corpora of historical English – Matti Rissanen, Terttu Nevalainen, University of Helsinki.
1985 – present	Research on Tree Adjoining Grammar – Aravind Joshi, Department of Computer and Information Sciences, University of Pennsylvania.

PEDAGOGY

A. Curriculum development:

Developer (with David Embick) of a new foundational course on the Linguistics as a Cognitive Science - Linguistics 400: Conceptual and Empirical Foundations for the Cognitive Science of Language.

December 2012 – present

Author and publisher, online textbook with electronic exercises for introductory syntax courses, *The syntax of natural language: an online introduction using the Trees program*, with Beatrice Santorini.

June 2000 – present

Recipient, University of Pennsylvania Instructional Computing Development Grants, “Trees: a graphically based computational tool for the teaching of natural language syntax and mathematical linguistics.”

July 1995 – September 1998

Developer (with Don Ringe) of a new undergraduate course on language and verbal art - Ling 103: Language structure and verbal art, with Don Ringe.

September 1997 – December 1999

B. Recent courses taught:

Academic year 2012–2013

- Linguistics 550: Syntax I
- Linguistics 400: Conceptual and Empirical Foundations for the Cognitive Science of Language

Academic year 2011–2012

- Linguistics 550: Syntax I
- Linguistics 556: Historical Syntax

Academic year 2010–2011

- Linguistics 550: Syntax I
- Linguistics 653: Topics in the Syntax/Semantics Interface – Prosody/Syntax Interface

Academic year 2009–2010

- Linguistics 550: Syntax I
- Linguistics 556: Historical Syntax
- Linguistics 411: Old English
- Linguistics 650: Topics in Natural Language Syntax – Focus

Academic year 2008–2009

- Linguistics 550: Syntax I
- Linguistics 310: History of English
- Linguistics 411: Old English
- Linguistics 650: Topics in Natural Language Syntax – Applicatives

Academic year 2007–2008

- Linguistics 550: Syntax I
- Linguistics 556: Historical Syntax
- Linguistics 240: Structure of German
- Linguistics 653: Topics in the Syntax/Semantics Interface – Focus

Academic year 2006–2007

- Linguistics 550: Syntax I
- Linguistics 310: History of English
- Linguistics 411: Old English
- Linguistics 650: Topics in Natural Language Syntax – Anti-symmetry

C. Ph.D. dissertations supervised:

- Caitlin Light, 2012. “The syntax and pragmatics of fronting in Germanic.”
Current position: Lecturer in Linguistics, University of York, UK
- Joel Wallenberg, 2009. “Antisymmetry and the conservation of c-command: scrambling and phrase structure in synchronic and diachronic perspective.”
Current position: Lecturer in Linguistics, University of Newcastle, UK
- Augustin Speyer, 2008. “Topicalization and Clash Avoidance. On the Interaction of Syntax and Prosody in the History of English with a Few Glimpses at German.”
Current position: Professor, Seminar für deutsche Philologie Georg-August-Universität Göttingen, Germany
- Thomas McFadden, 2004. “The position of morphological case in the derivation: a study on the syntax-morphology interface.”
Current position: Postdoctoral researcher, University of Tromsø, Norway
- Alexis Dimitriadis, 2001, “Anaphora without identity: problems in the semantics of reciprocals and pronouns,” co-supervisor with Maribel Romero.
Current position: Senior research associate, Utrecht Institute of Linguistics OTS, Netherlands.
- Roumyana Pancheva, 2000, “Free relatives and related matters,” co-supervisor with Sabine Iatridou.
Current position: Associate Professor of Linguistics and Slavic, University of Southern California.
- Seth Kulick, 1999, “Constraining non-local dependencies in Tree Adjoining Grammar: computational and linguistic perspectives,” co-supervisor with Aravind Joshi.
Current position: Researcher at the Linguistic Data Consortium, University of Pennsylvania.
- Rajesh Bhatt, 1999, “Covert modality in non-finite contexts,” co-supervisor with Sabine Iatridou.
Current position: Associate Professor of Linguistics, University of Massachusetts at Amherst.
- Chung-hye Han, 1998, “The structure and interpretation of imperatives: mood and force in Universal Grammar.”
Current position: Associate Professor of Linguistics, Simon Fraser University.
- Shizhe Huang, 1996, “Quantification and predication in Mandarin Chinese: a case study of *duo*.”
Current position: C. V. Starr Professor of Asian Studies, Haverford College.
- Shengli Feng, 1994, “The prosodic syntax of Chinese.”
Current position: Professor, Chinese University of Hong Kong.
- Owen Rambow, 1994, “Formal and computational aspects of natural language syntax,” co-supervisor with Aravind Joshi.
Current position: Research Scientist, Columbia University.
- Michel DeGraff, 1993, “The syntax of Haitian Creole,” co-supervisor with Mitchell Marcus.
Current position: Associate Professor, MIT.
- Josep Fontana, 1993, “Phrase structure and the syntax of clitics in the history of Spanish.”
Current position: Lecturer, Pompeu Fabra University, Barcelona.
- Young-suk Lee, 1993, “Scrambling as case-driven obligatory movement.”
Current position: Research Scientist, IBM.
- Robert Frank, 1992, “Syntactic locality and Tree Adjoining Grammar: grammatical, acquisition and processing perspectives,” co-supervisor with Aravind Joshi.
Current position: Professor, Yale University.

Caroline Heycock, 1991, “Layers of predication: the non-lexical syntax of clauses.”

Current position: Professor, University of Edinburgh.

Susan Pintzuk, 1991, “Phrase structures in competition: variation and change in Old English word order.”

Current position: Professor, University of York.

Raffaella Zanuttini, 1991, “Syntactic properties of sentential negation: a comparative study of Romance languages.”

Current position: Professor, Yale University.

Beatrice Santorini, 1989, “The verb-second constraint in the history of Yiddish.”

Current position: Senior Fellow, University of Pennsylvania

Dominique Estival, 1986, “The passive in English: a case of syntactic change”

Current position: Head, Natural Language Processing, Syrinx Speech Systems, Sydney, Australia

INVITED PRESENTATIONS

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| April 2013 | “The syntactic evolution of French as seen in the MCVF corpus.” Special Plenary Session on Romance Parsed Corpora. Linguistic Symposium on the Romance Languages 43, CUNY. |
| February 2013 | “Studying the diffusion of syntactic changes in historical corpora.” Symposium on Historical Syntax: The Biology and Evolution of Human Language. AAAS, Boston. |
| February 2013 | “Uso de corpora para estudar a mudança de gramática: alguns estudos de caso.” Conferência plenária. Annual meeting of the Brazilian Linguistics Society (ABRALIN 21), Natal. |
| January 2013 | “Using diachronic corpora to study grammar change.” LSA Annual Meeting: Satellite Workshop on Historical Linguistics, Boston |
| December 2012 | “The evolution of word order frequencies in medieval English and French.” Keynote address to the International Conference on Historical Corpora 2012. Frankfurt-am-Main. |
| July 2012 | “The structure of the clause in 13th century English and French: an essay in comparative quantitative syntax.” Invited address to DIGS 14, Lisbon. |
| June 2012 | “Corpus Linguistics and the Humanities.” (With Jana Beck, Akiva Bacovcin and Aaron Ecay.) Workshop on New Approaches to Historical Languages, Tufts U. |
| April 2012 | “The Viking influence on English: How deep does it go?” Distinguished Visitor Lecture, Haverford College. |
| February 2011 | “Distinguishing sources of variation in observational data.” Roundtable on the common ground between theoretical and socio-linguistics. ABRALIN 19, Federal University of Paraná. |
| December 2010 | “The comparative evolution of word order in English and French: the evidence from parsed corpora.” Workshop on Subjects in Diachrony: Grammatical Change and the Expression of Subjects, University of Regensburg, Germany. |
| October 2010 | “The historical evolution of V2 and topicalization in English and French.” Workshop on Research Infrastructure for Linguistic Variation Studies (RILiVS), University of Iceland. |

- September 2010 “Prosody, topicalization and verb-second: how they interact in the history of English and French.” Fourth Workshop on Prosody, Syntax, and Information Structure (WPSI4), University of Delaware.
- May 2010 “Change and stability in diachronic syntax.” Keynote address to the joint meeting of the International Association of Chinese Linguistics (IACL-18) and the North American Conference on Chinese Linguistics (NACCL-22), Harvard University.
- April 2010 “The comparative evolution of word order in French and English.” Language Sciences departmental colloquium, Indiana University.
- February 2010 “Using parsed corpora to compare the evolution of word order in French and English.” Symposium on Corpus Analysis and Diachronic Linguistics, Tokyo University of Foreign Studies.
- January 2010 “The comparative evolution of word order in French and English: a corpus-based grammatical and quantitative comparison.” NSF-DFG Workshop on Historical Texts, Tufts University.
- November 2009 “Statistical patterns of independence and interaction in quantitative diachronic syntax: learning from twenty years of case studies.” Philological Society Workshop on Corpus Linguistics, University of York, Britain.
- November 2009 “Was Old English a verb-second language?” Language Sciences departmental colloquium, University of York, Britain.
- October 2009 “Statistical Independence in Syntactic Change.” Special colloquium series on historical linguistics, Yale University
- July 2009 “Case studies in quantitative historical syntax.” Plenary address to ROSAE: First International Meeting of the Brazilian Association for Historical Linguistics, Salvador, Bahia, Brazil.
- May 2009 “Word order change in Middle English and Middle French: evidence from parsed corpora.” Workshop on the pragmatics and syntax of early Indo-European languages. University of Georgia.
- January 2009 “Statistical independence in syntactic change.” Linguistics departmental colloquium, Stanford University.
- June 2008 “Language change: what role for the child learner?” Workshop on frequency and language development. Bergische Universität Wuppertal, Germany.
- August 2008 “The Comparative Evolution of Word Order in French and English.” 11th Diachronic Generative Syntax Conference, Universidade de Campinas.
- April 2007 “Quantitative syntactic patterns in the Penn-Helsinki Corpora of Historical English.” Workshop on diachronic corpora, historical syntax and text technology, University of Frankfurt. Germany.
- January 2007 “Finding dynamics in a corpus: the case of English verb movement.” NORMS workshop on verb placement, University of Iceland, Reykjavik, Iceland.
- December 2006 “The historical syntax of English: a corpus-based perspective.” Colloquium at the University of Ottawa, Canada.
- December 2005 “Modeling language change: a population and learning perspective.” Colloquium at the City University of New York, Graduate Center.

- December 2005 “Syntactic change and the loss of inflection.” VARIFLEX workshop, University of Amsterdam, Netherlands.
- July 2005 “Modeling language change.” Invited Forum Lecture, Linguistic Society of America Summer Institute, MIT.
- April 2005 “Principles of morphosyntactic change.” Invited lectures at the École Doctorale of the University of Geneva, Switzerland.”
- March 2005 “Morphological and syntactic evidence in language stability and language change.” Invited lecture at the Department of Linguistics, Yale University.”
- March 2005 “The dynamics of language change.” Invited lectures at the Department of Language Sciences at the University of York, UK.
- January 2005 “The dialectic of competence and performance in the modern cognitive science of language.” Invited lecture at the Department of Linguistics, Harvard University.”
- November 2004 “Language learning and language change.” Invited talk at the Conference on connectivity in multilingual settings, University of Hamburg, Germany.
- October 2004 “The history of the English infinitive: some implications for the theory of grammar.” Workshop on infinitives, University of Konstanz, Konstanz, Germany.
- October 2004 “Modeling the time course of syntactic change.” Associação Portuguesa de Linguística keynote speaker, Lisbon, Portugal.
- March 2004 “Against drift.” University of North Carolina annual linguistics symposium keynote speaker.
- January 2004 “Revisiting *do*.” Invited speaker at the Conference on Linguistic Evidence: Empirical, Theoretical, and Computational Perspectives. University of Tübingen, Germany.
- September 2003 “Lectures on Syntactic Change.” Ecole d’Automne de Linguistique, Ecole Normale Supérieure, Paris.
- July 2003 “If at first you don’t succeed: the time course of language acquisition.” LSA Workshop on UG Principles and Input Data. Michigan State University.
- March 2003 “Language learning and language change.” ABRALIN 11, Rio de Janeiro, Brazil.
- March 2003 “Imperfect learning and language change.” Workshop on Explaining Linguistic Universals: Historical Convergence and Universal Grammar. University of California at Berkeley.
- November 2002 “Imperfect learning and language change.” Workshop on diachronic clues to synchronic syntax. University of Stuttgart, Germany.
- September 2002 “Variation and change in the historical syntax of English.” Henry Sweet lecture, fall meeting of the Linguistics Association of Great Britain, Manchester, UK.
- July 2002 “Modeling language change: Which comes first, the chicken or the egg?” Guest lecture of SFB 441, University of Tübingen, Germany.
- May 2001 “Topics in general and theoretical linguistics: a three lecture series.” Beijing University Language and Culture Press, Beijing, China.

- May 2001 “The Penn-Helsinki Parsed Corpus of Middle English and the Middle English Dictionary.” Dictionary Society of North American Biennial Conference, University of Michigan, Ann Arbor.
- April 2001 “The status of the independence assumption in quantitative diachronic syntax.” University of York, UK.
- February 2001 “A grammatical and quantitative perspective on the historical syntax of English.” University of Helsinki, Finland.
- February 2001 “Statistical regularities in grammatical change: evidence from diachronic corpora.” University of Tübingen, Germany.”
- December 2000 “Recent advances in English historical syntax.” Universidade Classica de Lisboa.
- October 2000 “Grammar and Statistics in Syntactic Change.” NWAVE 29, Michigan State University.
- November 1999 “Statistical fingerprints of grammar in historical texts.” University of California at Irvine.
- February 1999 “Statistical Fingerprints of Dialect Variation and Language Change.” Distinguished Lectures in Cognitive Science, Michigan State University.
- September 1998 “Statistical fingerprints of grammar in historical English texts.” Workshop on historical corpus construction and use, Institute for Language Studies, University of Campinas, Brazil.
- May 1998 “Dialect variation in the transition from XV to VX in Early Middle English.” Fifth Biennial Diachronic Generative Syntax Conference, York, England. (with Ann Taylor)
- May 1998 “Revisiting *do*.” Department of Linguistics, University of Edinburgh. (with Chung-hye Han)
- November 1997 “Inversion and equation in copular sentences.” ZAS Workshop on (pseudo)clefts, Berlin, Germany. (with Caroline Heycock)
- May 1997 “Pseudocleft connectivity: implications for the LF interface level.” Tübingen Workshop on the Syntax/Semantics Interface. Tübingen, Germany. (with Caroline Heycock)
- April 1997 “Pseudocleft connectivity.” New York University Department of Linguistics.
- April 1997 “The unity of opposites: the role of grammatical and social factors in the historical syntax of English.” International Linguistic Association, New York.
- March 1997 “V2 in Old and Middle English: implications for comparative syntax and language change.” The Ohio State University Department of Linguistics.
- January 1997 “Old English clause structure and Attract F.” Twelfth Comparative Germanic Syntax Workshop, The Free University Amsterdam.

OTHER PRESENTATIONS

- June 2012 “Oblique subjects and nominative objects: *se*-constructions in the history of Portuguese revisited,” coauthored with Silvia Calvalcante, DIGS 13, University of Pennsylvania.
- February 2011 “The Icelandic challenge: a system-internal syntactic change,” coauthored with Joan Maling and Sigridur Siggurjonsdottir, Deutsche Gesellschaft für Sprachwissenschaft, Göttingen, Germany.

BIBLIOGRAPHY

ELECTRONIC PUBLICATIONS

A. Books:

- 2000-present *The syntax of natural language: an online introduction using the Trees program.* (with Beatrice Santorini)

B. Corpora:

- 2010 *Corpus MCVF.* A syntactically annotated corpus of 1 million words of running Old and Middle French text. Ottawa: Department of French, University of Ottawa. Available at <http://www.arts.uottawa.ca/voies/>. Constructed under a Canadian Social Sciences and Humanities Council Major Collaborative Research Initiative (“Modéliser le changement: les voies du français.”), France Martineau, Principal Investigator.
- 2010 *The Penn Parsed Corpus of Modern British English.* A syntactically annotated corpus of 1 million words of running Modern British English text. Philadelphia: Department of Linguistics, University of Pennsylvania. Available at www.ling.upenn.edu/hist-corpora/. (with Beatrice Santorini and Ariel Diertani)
- 2005 *The Penn-Helsinki Parsed Corpus of Early Modern English.* A syntactically annotated corpus of 1.8 million words of running Early Modern English text from the Helsinki Corpus of Historical English and elsewhere. Philadelphia: Department of Linguistics, University of Pennsylvania. Available at www.ling.upenn.edu/hist-corpora/. (with Beatrice Santorini and Lauren Delfs)
- 2000 *The Penn-Helsinki Parsed Corpus of Middle English.* Second edition. A syntactically annotated corpus of 1.3 million words of running Middle English text from the Helsinki Corpus of Historical English and elsewhere. Philadelphia: Department of Linguistics, University of Pennsylvania. Available at www.ling.upenn.edu/hist-corpora/. (with Ann Taylor)
- 1994 *The Penn-Helsinki Parsed Corpus of Middle English.* First edition. A syntactically annotated corpus of 510,000 words of Middle English text from the Helsinki Corpus of Historical English. Philadelphia: Department of Linguistics, University of Pennsylvania. (with Ann Taylor)

C. Software Design:

- 1995-1998 *Trees*. A graphical and computational tool for the teaching of natural language syntax and mathematical linguistics. (current version: 3.1; programmer: Sean Crist)
- 1995-present *CorpusSearch*. A search tool for electronic corpora, open source and available from Sourceforge. (current version: 2.76; co-designer and programmer: Beth Randall)
- 2005-present *CorpusDraw*. An annotation tool for electronic corpora, available as an integrated CorpusSearch module. (co-designer and programmer: Beth Randall)

RECENT AND COMMONLY CITED PRINT PUBLICATIONS

A. Formal grammar:

Books

- 2001 *Studies in General Linguistics*. Beijing: Beijing University Language and Culture Press.
- 2000–2007 *An Introduction to Transformational Syntax*. An electronic textbook available at <http://www.ling.upenn.edu/~beatrice/syntax-textbook/>. (co-authored with Beatrice Santorini)
- 1989 *Alternative Conceptions of Phrase Structure*. Chicago: University of Chicago Press. (volume edited with Mark Baltin)
- 1979 *The Semantics of Scope in English*. New York: Garland Publishing Co.

Papers

- 2006 “Treebank construction by levels using constrained chart parsing.” Proceedings of the Fifth Workshop on Treebanks and Linguistic Theories. (with Seth Kulick and Dan Bikel)
- 2002 “Topic, focus, and syntactic representations.” In Line Mikkelsen and Chris Potts (eds.) *Proceedings of WCCFL 21*. Somerville, MA: Cascadilla Press, pp. 141–165. (with C. Heycock)
- 1999 “Pseudocleft connectivity: implications for the LF interface level.” *Linguistic Inquiry*.30(3):365–398. (with Caroline Heycock)
- 1998 “Amount quantification, referentiality, and long *wh*-movement.” Dimitriadis et al. (eds.), *Penn Working Papers in Linguistics*. (reprinting of 1989 paper)
- 1998 “Inversion and equation in copular sentences.” Wilder et al. (eds.), *Proceedings of the ZAS Workshop on (pseudo)clefts*. (with Caroline Heycock)
- 1998 “Pseudocleft sentences.” In Beck et al. (eds.), *Proceedings of the Tübingen Workshop on the Syntax/Semantics Interface*. (with Caroline Heycock)
- 1995 “Generalized Transformations and the Theory of Grammar.” *Studia Linguistica*.49(2):103–151. (with Robert Frank)
- 1994 “Verb Movement and Coordination in a Relational Theory of Licensing.” *The Linguistic Review*.11:257–283. (with Caroline Heycock)

- 1994 “Nominal Structures and Structural Recursion.” *Computational Intelligence*.10:453–470. (with Robert Frank)
- 1994 “Morphosyntactic Variation.” In Beals et al., (eds.), *Proceedings of the Thirtieth Annual Meeting of the Chicago Linguistic Society*, vol. 2, pp. 180–201.
- 1992 “CP-recursion and its Relevance to the Germanic Verb-Second Phenomenon.” In *Working Papers in Scandinavian Syntax*, vol. 50, pp. 1–24. (with Sabine Iatridou)
- 1991 “The Derived Constituent Structure of the West Germanic Verb Raising Construction.” In Freidin, (ed.), *Principles and Parameters in Comparative Grammar*. Cambridge: MIT Press, pp. 269–338. (with Beatrice Santorini)
- 1989 “Asymmetries in Long Distance Extraction in a Tree Adjoining Grammar.” In Baltin and Kroch, (eds.), *Alternative Conceptions of Phrase Structure*.
- 1987 “Unbounded Dependencies and Subjacency in a Tree Adjoining Grammar.” In A. Manaster-Ramer, (ed.), *Mathematics of Language*. Philadelphia: John Benjamins.
- 1987 “Extrapolation in a Tree Adjoining Grammar.” In Huck, et al. (eds.), *Proceedings of the Conference on Discontinuous Constituents. Syntax and Semantics*, vol. 20. New York: Academic Press. (with Aravind Joshi)
- 1985 “The Linguistic Relevance of Tree Adjoining Grammar.” University of Pennsylvania Department of Computer and Information Science Technical Report no. MS-CIS-85-16. (with Aravind Joshi)

B. Historical linguistics:

Papers

- 2001 “Verb-object order in early Middle English.” In Pintzuk, Tsoulas and Warner (eds.), *Diachronic Syntax: Models and Mechanisms*. pp. 132-163, Oxford: Oxford University Press. (with Ann Taylor)
- 2000 “The rise of do-support in English: implications for clause structure.” In Proceedings of NELS 30. (with Chung-hye Han)
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