

ROBERT FRANK

Department of Cognitive Science
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RESEARCH INTERESTS

Natural language syntax and grammatical theory; Mathematical linguistics; Formal, computational and empirical studies of language acquisition and processing.

EDUCATION

1990–1992 University of Pennsylvania, Department of Computer and Information Science, Ph.D., December 1992. Advisors: Aravind K. Joshi and Anthony Kroch.

Dissertation: *Syntactic Locality and Tree Adjoining Grammar: Grammatical, Acquisition and Processing Perspectives*. Available as Technical Report IRCS 92–47, Institute for Research in Cognitive Science, University of Pennsylvania.

1987–1990 University of Pennsylvania, Department of Computer and Information Science, M.S.E. with concentration in Computational Linguistics, May 1990. Advisor: Aravind K. Joshi.

Master's Thesis: *Computation and Linguistic Theory: A Government-Binding Theory Parser using Tree Adjoining Grammar*. Available as Technical Report MS-CIS 90–29 (LINC LAB 171), Department of Computer and Information Science, University of Pennsylvania.

1983–1987 Massachusetts Institute of Technology, Department of Brain and Cognitive Science, S.B., June 1987.

PROFESSIONAL EXPERIENCE

Permanent Appointments

2006– Professor, Department of Cognitive Science and Member of the Center for Language and Speech Processing, Johns Hopkins University

Courses taught: Cognition, Computational Models of Cognition, Formal Methods in Cognitive Science I: Language, Formal Methods in Cognitive Science II: Inference, Introduction to Natural Language Semantics, Learning Theory, Syntax I, Syntax II, Seminar on the Syntax-Phonology Interface, Seminar on Grammatical Structure, Seminar on Tree Adjoining Grammar, Seminar on Grammar and Processing of Agreement, Seminar on Formal Approaches to Cognitive Science, Topics in Sentence Processing.

2000–2005 Associate Professor, Department of Cognitive Science.

1996–2000 Assistant Professor, Department of Cognitive Science, Johns Hopkins University.

1992–1996 Assistant Professor, Departments of Linguistics and Computer and Information Science, University of Delaware.

Temporary Appointments

2005 Visiting Professor, Linguistic Society of America Summer Institute, MIT and Harvard University.

2004 Visiting Professor, Ecole Doctorale Lémanique en Science du Langage, Département de linguistique générale, Université de Genève, Switzerland.

2003 Visiting Professor, Linguistic Society of America Summer Institute, Michigan State University.

2002 Visiting Professor, Vilem Mathesius Lecture Series 17, Charles University, Prague, Czech Republic.

2001 Visiting Professor, Dipartimento di linguistica, Università di Padova, Italy.

1999 Visiting Professor, Dipartimento di linguistica, Università di Padova, Italy.

1997 Visiting Professor, Linguistic Society of America Summer Institute, Cornell University.

1995 Short-Term Visitor, Institute for Research in Cognitive Science, University of Pennsylvania.

1995 Visiting Professor, Departamento de Linguística, Instituto de Estudos da Linguagem, Universidade Estadual de Campinas, Brazil.

1994 Visiting Professor, Department of Linguistics, University of Maryland, College Park.

1985–1992 Research Associate, MIT Artificial Intelligence Lab, Cambridge, Massachusetts.

1987–1989 Consultant, Jet Propulsion Laboratory, Pasadena, California.

PUBLICATIONS

Books

2002 *Phrase Structure Composition and Syntactic Dependencies*. MIT Press, Cambridge, MA.

Reviews: Caroline Heycock, 2006, *Language* 82(1); Arthur Stepanov, 2006, *Lingua* 116(12); Chung-Hye Han, 2006, *Journal of Linguistics* 42(1); Evangelia Vlachou, 2002, LINGUIST List 13.2750.

Refereed journal articles

submitted Robert Frank, Donald Mathis and William Badecker. The Acquisition of Anaphora by Simple Recurrent Networks.

to appear Notes on Phase Extension. *Theoretical Linguistics*.

2006 Phase Theory and Tree Adjoining Grammar. *Lingua* 116(2):145–202.

- 2004 Restricting Grammatical Complexity. *Cognitive Science* 28(5):669–697.
- 2004 Results in Linguistics: Perspectives from Computer Science. *Lingue e Linguaggio* 1:29–48.
- 2001 Robert Frank and K. Vijay-Shanker. Primitive C-Command. *Syntax* 4(3):164–204.
- 2000 Robert Frank, Seth Kulick and K. Vijay-Shanker. Monotonic C-Command: A New Perspective on Tree Adjoining Grammar. *Grammars* 3(2/3):151–173.
- 1998 Structural Complexity and the Time Course of Grammatical Development. *Cognition* 66(3):249–301.
- 1998 Robert Frank and Giorgio Satta. Optimality Theory and the Generative Complexity of Constraint Violability. *Computational Linguistics* 24(2):307–315.
- 1996 Robert Frank, Young-Suk Lee and Owen Rambow. Scrambling, Reconstruction and Subject Binding. *Rivista di Grammatica Generativa* 21:67–106.
- 1996 Robert Frank and Shyam Kapur. On the Use of Triggers in Parameter Setting. *Linguistic Inquiry* 27(4):623–660.
- 1995 Robert Frank and Anthony Kroch. Generalized Transformations and the Theory of Grammar. *Studia Linguistica* 49(2):103–151.
- 1994 Robert Frank and Anthony Kroch. Nominal Structures and Structural Recursion. *Computational Intelligence* 10(4):453–470.

Book chapters

- in prep X-bar Theory. In *The Cambridge Encyclopedia of the Language Sciences*, Patrick Hogan (editor), Cambridge University Press.
- to appear Phrase Structure. In *The Cambridge Encyclopedia of the Language Sciences*, Patrick Hogan (editor), Cambridge University Press.
- to appear Lexicalized Syntax and Phonological Merge. In *Complexity of Lexical Descriptions and its Relevance to Natural Language Processing: A Supertagging Approach*, Srinivas Bangalore and Aravind K. Joshi (editors). MIT Press.
- 2002 Robert Frank, Paul Hagstrom and K. Vijay-Shanker. Roots, Constituents and C-Command. In *Theoretical Approaches to Universals*, Artemis Alexiadou (editor), pp.109–137. John Benjamins.
- 2000 From Regular to Context-Free to Mildly Context-Sensitive Tree Rewriting Systems: The Path of Child Language Acquisition. In *Tree Adjoining Grammars: Formalisms, Linguistic Analysis and Processing*, Anne Abeillé and Owen Rambow (editors), pp. 101–120. CSLI Publications.
- 2000 Robert Frank and K. Vijay-Shanker. Lowering Across Languages. In *Cross-linguistic Perspectives on Language Processing*, Marica De Vincenzi and Vincenzo Lombardo (editors), pp. 63–87. Kluwer.
- 1998 Structural Analysis. In *A Companion to Cognitive Science*, William Bechtel and George Graham (editors), pp. 450–462. Basil Blackwell.

Refereed conference proceedings

- 2004 Virginia Savova and Robert Frank. Tree Adjoining Grammars for Optimality Theoretic Syntax. In *Proceedings of the 7th International Workshop on Tree Adjoining Grammars and Related Frameworks*, Simon Fraser University, Vancouver, Canada.
- 2000 Robert Frank and Fero Kuminiak. Primitive Asymmetric C-Command Derives \bar{X} -Theory. In *Proceedings of the 30th Annual Meeting of the North East Linguistics Society*, volume 1, M. Hirotani, A. Coetzee, N. Hall, J-Y. Kim (editors), pp. 203–217. GLSA, University of Massachusetts, Amherst.
- 2000 Marina Todorova, Kathleen Straub, William Badecker and Robert Frank. Aspectual Coercion and the Online Computation of Sentential Aspect. In *Proceedings of the 22nd Annual Meeting of the Cognitive Science Society*, University of Pennsylvania.
- 2000 TAG and Economy. *Proceedings of the 5th International Workshop on Tree Adjoining Grammars and Related Formalisms*, pp. 85–92, Université Paris 7.
- 1999 Robert Frank, Seth Kulick and K. Vijay-Shanker. C-Command and Extraction in Tree Adjoining Grammar. In *Proceedings of the Sixth Meeting on the Mathematics of Language*, University of Central Florida.
- 1998 Robert Frank and K. Vijay-Shanker. TAG Derivation as Monotonic C-Command. *Proceedings of the 4th International Workshop on Tree Adjoining Grammars and Related Formalisms*, pp. 46–49, University of Pennsylvania.
- 1997 Robert Frank, Marcus Hiller and Giorgio Satta. Optimality Theory and Generative Complexity. In *Proceedings of the Fifth Meeting on the Mathematics of Language*, Tilman Becker and Hans-Ulrich Krieger (editors), pp. 30–38. Deutsches Forschungszentrum für Künstliche Intelligenz, Saarbrücken, Germany.
- 1996 Robert Frank, K. Vijay-Shanker and John Chen. Dominance, Precedence and C-Command in Description-based Parsing. In *Proceedings of XII Congreso de Lenguajes Naturales y Lenguajes Formales*, Carlos Martín-Vide (editor), pp. 61–74. PPU, Barcelona, Spain.
- 1993 Grammatical Complexity and the Time Course of Language Acquisition. In *Proceedings of the 15th Annual Conference of the Cognitive Science Society*, pp. 37–48. Lawrence Erlbaum Associates.
- 1992 Robert Frank, Young-Suk Lee and Owen Rambow. Scrambling as Non-Operator Movement and the Special Status of Subjects. In *Proceedings of the 3rd Leiden Conference for Junior Linguists*, Sjef Barbiers, Marcel den Dikken and Claartje Levelt (editors), pp. 135–154. University of Leiden.
- 1992 Formal Grammar and the Acquisition of Complex Sentences. In *Proceedings of the 8th Eastern States Conference on Linguistics*, Germán Westphal, Benjamin Ao and Hee-Rahk Chae (editors), pp. 81–92. Ohio State University.
- 1991 Parasitic Gaps and Locality Conditions. In *Proceedings of the 27th Regional Meeting of the Chicago Linguistic Society*, Lise Dobrin, Lynn Nichols and Rosa Rodríguez (editors), pp. 167–181. University of Chicago.
- 1990 Licensing and Tree Adjoining Grammar in Government-Binding Parsing. In *Proceedings of 28th Annual Meeting of the Association for Computational Linguistics*, pp. 111–118. University of Pittsburgh.

Others (non-refereed)

- 2002 Editor of *Proceedings of the Sixth International Workshop on Tree Adjoining Grammar and Related Frameworks*, Università di Venezia, Italy.
- 2000 Seth Kulick, Robert Frank and K. Vijay-Shanker. Defective Complements in Tree Adjoining Grammar. In *Penn Working Papers in Linguistics* 6(3), Alexander Williams and Elsi Kaiser (editors), pp. 35–73. University of Pennsylvania, Department of Linguistics.
- 1995 Coordinating Parsing and Grammar. *GLOT International* 1(4):4–8.

REFEREED CONFERENCE PRESENTATIONS

- October 2006. Adam Wayment, Luigi Burzio, Donald Mathis, and Robert Frank *Harmony versus Distance in Phonetic Enhancement*, 37th Annual Meeting of the North East Linguistic Society, University of Illinois, Urbana-Champaign.
- January 2006. Joan Chen-Main and Robert Frank *Generation of Syntactic Graphs*, Linguistics Society of America 80th Annual Meeting, Albuquerque, New Mexico.
- January 2006. Adam Wayment, Luigi Burzio, Donald Mathis, and Robert Frank *Neural Nets Meet Phonetic Enhancement*, Linguistics Society of America 80th Annual Meeting, Albuquerque, New Mexico.
- June 2005. *Phonological Merge*, Mediterranean Syntax Meeting, University of the Aegean, Rhodes, Greece.
- May 2004. Virginia Savova and Robert Frank. *Tree Adjoining Grammars for Optimality Theoretic Syntax*, 7th International Workshop on Tree Adjoining Grammars and Related Frameworks, Simon Fraser University, Vancouver, Canada.
- March 2004. Donald Mathis, Robert Frank and William Badecker. *Constraints on Variables in Neural Net Syntax*, 17th Annual CUNY Sentence Processing Conference, University of Maryland, College Park.
- January 2004. *Diagnosing Unbounded Dependencies: Successive Cyclic Movement vs. Adjoining*, Linguistics Society of America 78th Annual Meeting, Boston, Massachusetts.
- January 2004. Joan Chen-Main and Robert Frank. *Integrating Faithfulness in Finite State Optimality Theory*, Linguistics Society of America 78th Annual Meeting, Boston, Massachusetts.
- November 2003. Robert Frank, Donald Mathis and William Badecker. *Do Simple Recurrent Networks Learn Syntactic Structure? Experiments with anaphora*, Psychonomics Society 44th Annual Meeting, Vancouver, Canada.
- September 2003. Joan Chen-Main and Robert Frank. *Implementing Faithfulness Constraints in a Finite State Model of Optimality Theory*, 14th Irish Artificial Intelligence and Cognitive Science (AICS 2003) conference, Trinity College, Dublin, Ireland.
- January 2003. Robert Frank and Seth Kulick. *Locality, Phases and Tree Adjoining Grammar*, Workshop on the EPP and Phases, MIT, Cambridge, Massachusetts.

- March 2001. Robert Frank and William Badecker. *Modeling Syntactic Encoding with Incremental Tree-Adjoining Grammar (iTAG): How grammar constrains production and how production constrains grammar*, 14th Annual CUNY Conference on Human Sentence Processing, University of Pennsylvania, Philadelphia.
- August 2000. Marina Todorova, Kathleen Straub, William Badecker and Robert Frank. *Aspectual Coercion and the Online Computation of Sentential Aspect*, 22nd Annual Meeting of the Cognitive Science Society, University of Pennsylvania, Philadelphia.
- August 2000. Marina Todorova, Kathleen Straub, William Badecker and Robert Frank. *Processing Correlates of Aspectual Interpretation*, ESSLI 2000 Workshop on Paths and Telicity in Event Structure, Birmingham, Great Britain.
- May 2000. *Economy in TAG*. 5th International Workshop on Tree Adjoining Grammar and Related Formalisms, Université Paris 7, France.
- November 1999. William Badecker and Robert Frank. *Modeling Sentence Planning in Lexicalized Tree-Adjoining Grammar*. USC Speech Production Conference.
- October 1999. Robert Frank and Fero Kuminiak. *Primitive Asymmetric C-Command Derives \bar{X} -Theory*. 30th Annual Meeting of the North East Linguistics Society, Rutgers University.
- July 1999. Robert Frank, Seth Kulick and K. Vijay-Shanker. *C-Command and Extraction in Tree Adjoining Grammar*. 6th Meeting on the Mathematics of Language, University of Central Florida.
- March 1999. Robert Frank, Paul Hagstrom and K. Vijay-Shanker. *Roots, Constituents and C-Command*. 22nd GLOW Colloquium, Zentrum für Allgemeine Sprachwissenschaft (ZAS), Berlin, Germany.
- August 1998. Robert Frank and K. Vijay-Shanker. *TAG Derivation as Monotonic C-Command*. 4th International Workshop on Tree Adjoining Grammars and Related Formalisms, University of Pennsylvania.
- August 1997. Robert Frank, Markus Hiller and Giorgio Satta. *Optimality Theory and Generative Complexity*. 5th Meeting on the Mathematics of Language, Schloß Dagstuhl, Saarbrücken, Germany.
- September 1996. Robert Frank and K. Vijay-Shanker. *C-Command as a Parsing Primitive*. Workshop on Architectures and Mechanisms for Language Processing, Università di Torino, Italy.
- June 1995. Robert Frank and K. Vijay-Shanker. *C-Command and Grammatical Primitives*. 18th GLOW Colloquium, Universitet i Tromsø, Norway.
- September 1994. *From Regular to Context-Free to Mildly Context-Sensitive Tree Rewriting Systems: The Path of Child Language Acquisition*. 3rd International Workshop on Tree Adjoining Grammar and Related Formalisms, Université Paris 7, France.
- April 1993. Robert Frank and Anthony Kroch. *Generalized Transformations in Successive Cyclic and Long Dependencies*. 16th GLOW Colloquium, Universitet i Lund, Sweden.

- October 1992. Robert Frank and Shyam Kapur. *On the Use of Triggers in Parameter Setting*. 17th Boston University Conference on Language Development.
- June 1992. Robert Frank and Anthony Kroch. *Nominal Structures and Structural Recursion*. 2nd International Workshop on Tree Adjoining Grammar and Related Formalisms, Institute for Research in Cognitive Science, University of Pennsylvania.
- December 1991. Robert Frank, Young-Suk Lee and Owen Rambow. *Scrambling as Non-Operator Movement and the Special Status of Subjects*. 3rd Leiden Conference for Junior Linguists. University of Leiden, Netherlands.
- October 1991. *Formal Grammar and the Acquisition of Complex Sentences*. 8th Eastern States Conference on Linguistics. University of Maryland, Baltimore Campus.
- April 1991. *Parasitic Gaps and Locality Conditions*. 27th Regional Meeting of the Chicago Linguistic Society. University of Chicago.
- June 1990. *GB Parsing with Tree Adjoining Grammar and Linguistic Metatheory*. Workshop on GB Parsing. Université de Genève, Switzerland.
- June 1990. *Licensing and Tree Adjoining Grammar in Government-Binding Parsing*. 28th Annual Meeting of the Association for Computational Linguistics. University of Pittsburgh.

 INVITED TALKS

- 2007 Computational Linguistics and Information Processing Lab, University of Maryland, February.
- 2006 Department of Linguistics, University of Delaware, November.
 Institute for Research in Cognitive Science, University of Pennsylvania, October.
 Department of Linguistics, UCLA, October.
 Dipartimento di Informatica, Università di Torino, Italy, June.
 Psycholinguistics Supper, City University of New York Graduate Center, April.
- 2005 Department of Linguistics, City University of New York Graduate Center, December.
 Department of Linguistics, University of Pennsylvania, December.
 Department of Linguistics, Massachusetts Institute of Technology, April.
- 2004 7th International Workshop on Tree Adjoining Grammars and Related Frameworks, Simon Fraser University, Vancouver, Canada, May.
- 2003 25th Annual Meeting of the Cognitive Science Society, Boston, August.
 Dipartimento di linguistica, Università di Padova, Italy, June.
 North American Syntax Conference, Concordia University, Montreal, Canada, May.
 Results in Linguistics, First Meeting of *Lingue e Linguaggio*, Università di Bologna, Italy, March.

- 2002 Department of Computer and Information Science, University of Pennsylvania, April.
Department of Linguistics, University of Maryland, College Park, February.
- 2001 Institute for Formal and Applied Linguistics (ÚFAL), Charles University, Prague, Czech Republic, June.
Maryland Mayfest on the Cognitive Neuroscience of Language, University of Maryland, College Park, May.
Department of Computer and Information Science, University of Pennsylvania, March.
Symposium on Many Languages – One Grammar: Optimality and the Mathematical Structure of Human Language, American Association for the Advancement of Science Annual Meeting, San Francisco, February.
Department of Linguistics, University of California Los Angeles, February
- 2000 Workshop on the antisymmetry of syntax, Scuola Normale Superiore, Cortona, Italy, May.
- 1999 Department of Linguistics, New York University, May.
- 1998 Tutorial on Tree Adjoining Grammar and Generative Grammar, Institute for Research in Cognition Science, University of Pennsylvania, July.
Dipartimento di linguistica, Università di Padova, Italy, June.
Logic and Language Group, Georgetown University, February.
- 1997 Center for Language and Speech Processing, Johns Hopkins University, October.
Centre for Cognitive Science, University of Edinburgh, Scotland, June.
Hopkins Optimality Theory Workshop, Johns Hopkins University, May.
Department of Linguistics, City University of New York, May.
Architecture of Language Acquisition Lecture Series, Institute for Research in Cognitive Science, University of Pennsylvania, March.
Department of Linguistics, University of Maryland, College Park, March.
- 1996 Krasnow Institute for Advanced Study, George Mason University, December.
Department of Linguistics, University of Delaware, September.
Departamento de Linguística, Instituto de Estudos da Linguagem, Universidade Estadual de Campinas, Brazil, August.
3rd Workshop on Statistical Physics, Pattern Recognition and Language Change, São Sebastião, sponsored by Instituto de Estudos Avancados, Universidade de São Paulo, Brazil, August.
Symposium on Neural Network and Symbolic Approaches to Language, American Association for the Advancement of Science Annual Meeting, Baltimore, February.

- 1995 Arbeitsgruppe Strukturelle Grammatik, Max Planck Gesellschaft, Berlin, Germany, December.
- 2nd Workshop on Statistical Physics, Pattern Recognition and Language Change, São Sebastião, sponsored by Instituto de Estudos Avancados, Universidade de São Paulo, Brazil, September.
- Department of Linguistics, Universidade Federal de Santa Catarina, Brazil, August.
- Department of Cognitive Science, Johns Hopkins University, April.
- Department of Linguistics, University of Pennsylvania, March.
- 1994 Département de linguistique générale, Université de Genève, Switzerland, June.
- Center for Cognitive Science and Department of Computer Science, Rutgers University, March.
- New Jersey Syntax Circle, Rutgers University, February.
- 1993 15th Annual Meeting of the Cognitive Science Society, University of Colorado, Boulder, June.
- “Minimalism Feast,” Department of Linguistics, University of Maryland, College Park, May.
- 1992 Department of Linguistics, University of Delaware, March.
- Program in Linguistics and Cognitive Science, Brandeis University, March
- Department of Linguistics, City University of New York, March.
- Department of Cognitive Science, The Johns Hopkins University, February.
- Computational Linguistics Program, Carnegie Mellon University, January.
- 1991 UMIACS and Department of Linguistics, University of Maryland, College Park, October.

GRANTS AND AWARDS

-
- 2005-2010 Co-Principal Investigator, National Science Foundation grant SBR-0549379 “Unifying the Science of Language,” \$2,988,198.
- 2005-2008 Principal Investigator, National Science Foundation grant SBR-0446929 “Statistical discovery of linguistic structure,” \$299,956.
- 1999–2004 Co-Principal Investigator, National Science Foundation grant SBR-9972807 “Problem-centered research training: Integrating formal and empirical methods in the cognitive science of language,” \$2,611,399.
- 1997–2002 Co-Principal Investigator, National Science Foundation grant SBR-9720412 “Optimization in Language and Language Learning,” \$825,270.
- 1997–2000 Principal Investigator, National Science Foundation grant SBR-9710247, “Phrase Structure and C-Command,” \$69,070.
- 1994–1995 Principal Investigator, University of Delaware Research Foundation grant “Grammatical Complexity and the Time Course of Language Acquisition,” \$20,000.

- 1991–1992 Research Fellowship, Department of Computer and Information Science, University of Pennsylvania.
- 1988–1991 Unisys Corporation Doctoral Fellowship.
- 1987–1988 Research Fellowship, Department of Computer and Information Science, University of Pennsylvania.

 PROFESSIONAL SERVICE

- 2006– Editorial Board of *Language and Linguistics Compass*.
- 2006 Panel Member for HSD proposal review, National Science Foundation.
- 2006 Program committee for Human Language Technology conference – North American chapter of the Association for Computational Linguistics annual meeting (HLT-NAACL) 2006.
- 2005 Scientific committee for special issue of *Traitement Automatique des Langues*.
- 2005 Panel Member for HSD proposal review, National Science Foundation.
- 2005 Organizer of the 3rd Hopkins Workshop on Language: Non-local Dependencies, Johns Hopkins University, Baltimore, Maryland.
- 2004 Program committee for the 7th Workshop on Tree Adjoining Grammars and Related Frameworks (TAG+7), Vancouver.
- 2004 Organizer of the IGERT Workshop on Integrative Explanations in the Cognitive Science of Language, Johns Hopkins University, Baltimore, Maryland.
- 2003 Organizer of the IGERT Workshop on the Cognitive Science of Language, Johns Hopkins University, Baltimore, Maryland.
- 2002 Program chair for the 6th Workshop on Tree Adjoining Grammars and Related Frameworks (TAG+6), Università di Venezia, Italy.
- 1998– Editorial Board of *Syntax: A Journal of Theoretical, Experimental and Interdisciplinary Research*.
- 2001 External academic program review committee for the Department of Linguistics, University of Delaware.
- 2000 Program committee for the 22nd Annual Meeting of the Cognitive Science Society, Philadelphia, Pennsylvania.
- 2000 Program committee for the 5th Workshop on Tree Adjoining Grammars and Related Frameworks (TAG+5), Paris.
- 1999 Panel Member for KDI/LIS preproposal review, National Science Foundation.
- 1998 Consultant to the program committee for the 1999 Annual Meeting of the Linguistic Society of America.
- 1998 Program committee for the 4th Workshop on Tree Adjoining Grammars and Related Frameworks (TAG+4), Philadelphia, PA.
- 1994–1996 Editorial board of *GLOT International*.
- 1994 Program committee for the Student Session of the 32nd Annual Meeting of the Association for Computational Linguistics.

- 1994– Reviewing for the 37th, 39th and 41st Annual Meetings of the Association for Computational Linguistics (ACL), COLING-ACL 2006, the 29th, 31st and 32nd Annual Meetings of the Northeast Linguistic Society (NELS), the 2003 and 2006 European ACL meetings, the 11th, 17th and 18th Annual CUNY Conferences on Human Sentence Processing, the Symposium on What Children Have to Say about Linguistic Theory (WCHTSALT), the 16th International Conference on Computational Linguistics (COLING), the 6th Conference of the Formal Linguistics Society of Midamerica (FLSM), the 19th and 20th Penn Linguistics Colloquia, the 3rd Conference of the Student Organization for Linguistics in Europe (CONSOLE), the 2004 Georgetown University Roundtable on Languages and Linguistics, the 24th West Coast Conference on Formal Linguistics (WCCFL), the 27th and 28th Annual Meeting of the Cognitive Science Society.
- 1993– Ad hoc proposal reviewing for the National Science Foundation, Netherlands Organization for Scientific Research (NWO).
- 1992– Ad hoc manuscript reviewing for *Cognition*, *Cognitive Science*, *Computational Intelligence*, *Computational Linguistics*, *Journal of Logic, Language and Information*, *Journal of Mathematical Psychology*, *Journal of Slavic Linguistics*, *Language Acquisition*, *Language, Language and Speech*, *Lingua*, *Linguistic Inquiry*, *Machine Learning*, *Natural Language and Linguistic Theory*, *North Holland*, *John Benjamins*, *MIT Press*, *Oxford University Press*.

STUDENT SUPERVISION

PhD students

- Joan Chen-Main, 2006, On the Generation and Linearization of Multidominance Structures.
- Virginia Savova, 2006, Structures and Strings: A constraint-based approach to linearizing dependency structures.
- Marina Todorova, 2007 (expected), The semantics of aspect.

Research advisor

- Virginia Savova, 2003, *The right kind of formal power: a mildly context sensitive formalism for optimality theory syntax*.
- Joan Chen-Main, 2003, *Computational complexity of Optimality Theory*.
- Gaja Jarosz, 2002, *Induction of grammatical categories and syntactic structure*.
- George Cooper, 2002, *Spanish-English machine translation with Synchronous Tree Adjoining Grammars*, Ingenuity Project, Baltimore City Public Schools..
- Oren Schwartz, 2001, *Connectionist and automata-theoretic models of computation*.
- Virginia Savova, 2001, *Are clitics really beyond syntax?*
- Marina Todorova, 2000, *Aspectual coercion and the online computation of sentential aspect*.
- Fero Kuminiak, 1999, *Formal properties of asymmetric c-command in tree structures*.
- Tonia Bleam, 1995, *Clitic climbing and the formal power of Tree Adjoining Grammar*.

Member of PhD dissertation committees

- Gaja Jarosz, 2006, *Unsupervised Probabilistic Learning of Optimality Theoretic Grammars*, Cognitive Science, Johns Hopkins University.

- Ray Rennard, 2003, *Narrow Content and Wide Psychology*, Philosophy, Johns Hopkins University.
- John Chen, 2001, *An Investigation into Efficient Statistical Parsing Using Lexicalized Grammatical Information*, Computer and Information Science, University of Delaware.
- Fero Kuminiak, 2001, *The Role of Ambiguous Word Forms in the Production of Subject-Verb Agreement*, Cognitive Science, Johns Hopkins University.
- Colin Wilson, 2000, *Targeted Constraints: An Approach to Positional Neutralization in Optimality Theory*, Cognitive Science, Johns Hopkins University.
- David Schneider, 1999, *Parsing and Incrementality*, Linguistics, University of Delaware.
- Tonia Bleam, 1999, *On the Syntax of Clitic Doubling in Leista Spanish*, Linguistics, University of Delaware.
- Eynat Gutman, 1998, *3rd Person Subject Drop in Hebrew and Standard Finnish: a Model of Syntax and Discourse*, Linguistics, University of Delaware.
- Patrick Sturt, 1997, *Syntactic Reanalysis in Human Language Processing*, Cognitive Science, University of Edinburgh.
- Christina Tortora, 1997, *The Syntax and Semantics of the Weak Locative*, Linguistics, University of Delaware.
- Jeffrey Lidz, 1996, *Dimensions of Reflexivity*, Linguistics, University of Delaware.
- James Rogers, 1994, *Studies in the Logic of Trees with Applications to Grammar Formalisms*, Computer and Information Science, University of Delaware.

MISCELLANEA

Date of Birth: July 24, 1965

Citizenship: U.S.

Languages spoken: English (native), Italian (fluent), German (fair)

Erdős number: 4