Biographical Sketch: Mark Steedman

A. PROFESSIONAL PREPARATION
B.Sc. University of Sussex, Experimental Psychology, 1968.
Ph.D. University of Edinburgh, Artifical Intelligence, 1973.
Postdoc, University of Edinburgh, Artificial Intelligence, 1972-1973
Postdoc, University of Sussex, Experimental Psychology, Postdoc 1973-1976

B. APPOINTMENTS
1998-present: Professor of Cognitive Science, School of Informatics, University of Edinburgh.
1992-1998: Professor, Dept. of Computer and Information Science, University of Pennsylvania.
1988-1992: Assoc. Prof., Dept. of Computer and Information Science, University of Pennsylvania
1986-1987: Visiting Prof., Dept. of Computer and Information Science, University of Pennsylvania.
1986-1988: Reader (Assoc. Prof.), Dept. of AI and Center for Cognitive Science, University of Edinburgh.
1983-1986 Lecturer (Asst. Prof.), Dept. of AI and Center for Cognitive Science, University of Edinburgh.
1980-1981: Alfred P. Sloan Foundation Visiting Fellow, Centre for Cognitive Science, University of Texas at Austin.
1976-1983: Lecturer (Asst. Prof.), Dept. of Psychology, University of Warwick.

C. PUBLICATIONS
Five publications related to the proposed project:
Hockenmaier, Julia and Mark Steedman, 2007: CCGbank: A Corpus of CCG Derivations and Dependency Structures Extracted from the Penn Treebank, *Computational Linguistics,* **33**, 355-396.

Steedman, Mark. 2012a. *Taking Scope: The Natural Semantics of Quantifiers*. Cambridge, MA: MIT Press.

Lewis, Mike, and Mark Steedman. 2013a. Combined Distributional and Logical Semantics. *Transactions of the Association for Computational Linguistics,* **1**, 179-192.

Lewis, Mike, and Mark Steedman. 2013b. Unsupervised Induction of Cross-Lingual Semantic Relations. In *Proceedings of the Conference on Empirical Methods in Natural Language Processing*, 681-692.

Lewis, Mike, and Mark Steedman. 2014a. A* CCG Parsing with a Supertag-factored Model. In *Proceedings of the Conference on Empirical Methods in Natural Language Processing*, Doha, to appear.

Five other significant publications:
Steedman, Mark. 1996. *Surface Structure and Interpretation*. Cambridge, MA: MIT Press.

Steedman, Mark. 2000. *The Syntactic Process*. Cambridge, MA: MIT Press.

Kwiatkowski, Tom, Luke Zettlemoyer, Sharon Goldwater, and Mark Steedman. 2010. Inducing Probabilistic CCG Grammars from Logical Form with Higher-Order Unification, *Proceedings of the 2010 Conference on Empirical Methods in Natural Language Processing*, Cambridge MA, 1223-1233.

Steedman, Mark. 2014a. The Surface Compositional Semantics of English Intonation, *Language,* **90**, 2-57.

Lewis, Mike, and Mark Steedman. 2014c. Improved CCG Parsing with Semi-Supervised Supertagging. *Transactions of the Association for Computational Linguistics,* **2**, 327-338.

D. SYNERGISTIC ACTIVITIES
Current Editorial Boards: *Journal of Semantics*; *Language and Cognitive Processes*; *Syntax*; *Semantics and Pragmatics*; *Linguistics in Language Technology*; *Journal of Language Modeling*; *Transactions of the Association for Computational Linguistics*.

Funding Agency Review panels: NSF (US, 1994-1998); NIMH (US, 1996-2006); EPSRC College (UK, from 2003); *passim*.

Program Committees/Reviewer: ACL, EACL, NAACL, EMNLP, CoNLL, IJCNLP, WCCFL, SLT, AAAI, *passim*.

External Review Committees:

Member, UK ESRC/MRC/SERC JCI External Review Committee: Joint Council Initiative in Cognitive Science and Human Computer Interaction, UK, 1996.
Member, INRIA External Review Committee for Theme 2A: Paris, 2002. Member, External Review Board for the EU FP6 IST Cognitive Systems Program project COSY, 2004 – 2008
Member, External Review Committee Onderzoeksschool Logika (Dutch Graduate School in Logic) for Dutch Royal Academy for the Sciences (KNAW), 2004.
Chair, Evaluation Committee of the Institute for Logic, Language, and Information (ILLI), University of Amsterdam, 2006 – 2012. Member, Evaluation Committee for INRIA/LORIA Nancy 2008.
Chair, Mature Centre Review Panel for Centre for Language Sciences (CLaS), Macquarie University, Sydney Australia, 2012.
Co-chair, Comité d'expertise pour l'Évaluation du Bachelor et du Master en Informatique pour les sciences humaines, Université de Geneva (avec Prof. Bertrand Meyer, ETH Zürich), 2013.

Published Corpora and Resources

Hockenmaier and Steedman, CCGbank, LDC2005T13, Linguistic Data Consortium, University of Pennsylvania
Christodoulopoulos and Steedman, Multilingual Parallel Corpus Containing 100 Translations of the Bible, http://groups.inf.ed.ac.uk/ccg/corpora.html
The Combinatory Categorial Grammar Site, CCG software, http://groups.inf.ed.ac.uk/ccg/software.html

E. ASSOCIATIONS

Collaborators: Cem Bozsahin (Middle East Technical University, Ankara): Mark Johnson (Macquarie).

Advisors: Prof. H.C. Longuet-Higgins FRS (PhD advisor, deceased); Prof. Philip Johnson-Laird, FRS (Postdoctoral sponsor, retired).

Recent Graduate Students and Postdocs: Ruken Cakıçı (Ph.D. 2009 Edinburgh); Dr. Chris Geib (Postdoc 2006-2013, Edinburgh); Dr. Luke Zettlemoyer (Postdoc 2010-2011, Edinburgh); Tom Kwiatkowski (Ph.D. 2012 Edinburgh); Kira Mourão (Ph.D. 2012 Edinburgh); Emily Thomforde (Ph.D. 2013 Edinburgh); Mark Granroth-Wilding (Ph.D. 2013 Edinburgh); Chris Christodoulopoulos (Ph.D. 2013 Edinburgh); Prachya Boonkwan (Ph.D. 2014 Edinburgh); Aciel Eshky (Ph.D. 2014 Edinburgh); Mike Lewis (Ph.D. 2014 Edinburgh); Greg Coppola (Ph.D. 2014 Edinburgh); Aris Valtazanos (Postdoc 2013-2014, Edinburgh); Bharat Ram Ambati (Ph.D. expected 2015); Andrew McCleod (Ph.D. expected 2017) Ron Petrick (Postdoc through 2015); Kira Mourão (Postdoc through 2015); Nathaniel Smith (Postdoc through 2015); Nathan Schneider (Postdoc through 2015).

Lifetime Totals: Ph.D. students advised: 30. Postdoctoral scholars sponsored: 9.