MARK STEEDMAN

A. PROFESSIONAL PREPARATION

University of Sussex, Experimental Psychology, BSc.(hons.),	1968
University of Edinburgh, Artificial Intelligence, Ph.D.,	1973
University of Edinburgh, Postdoc	1973-1974
University of Sussex, Postdoc,	1974-1977

B. APPOINTMENTS

Professor of Cognitive Science, School of Informatics, University of Edinburgh	1998-present
Professor, Dept. of Computer and Information Science, University of Pennsylvania	1992-1998
Assoc. Prof., Dept. of Computer and Information Science, University of Pennsylvania	1988-1992
Visiting Prof., Dept. of Computer and Information Science, University of Pennsylvania	1986-1987
Reader (Assoc. Prof.), Dept. of AI and Center for Cognitive Science, University of Edinburgh	1986-1988
Lecturer (Asst. Prof.), Dept. of AI and Center for Cognitive Science, University of Edinburgh	1983-1986
Visiting Fellow, Centre for Cognitive Science, University of Texas at Austin	1980-1981
Lecturer (Asst. Prof.), Dept. of Psychology, University of Warwick	1977-1983

C. PUBLICATIONS

Five publications related to the proposed project

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

Hockenmaier, Julia, and Mark Steedman. 2002. "Generative Models for Statistical Parsing with Combinatory Categorial Grammar." In *Proceedings of the 40th Meeting of the ACL*, 335–342. Philadelphia, PA.

Steedman, Mark, Rebecca Hwa, Stephen Clark, Miles Osborne, Anoop Sarkar, Julia Hockenmaier, Paul Ruhlen, Steven Baker, and Jeremiah Crim. 2003a. "Example Selection for Bootstrapping Statistical Parsers". In *The Proceedings of the Joint Conference of Human Language Technologies and the 3rd Meeting of the North American Chapter of the ACL, Edmonton, CA*, 236-243.

Clark, Stephen, Mark Steedman, and James Curran, 2004 "Object-Extraction and Question-Parsing using CCG", In *Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP)*, Barcelona, 111-118.

Hockenmaier, Julia and Mark Steedman, 2007: CCGbank: a Corpus of CCG Derivations and Dependency Structures Extracted from the Penn Treebank, *Computational Linguistics*, 355-396.

Five other significant publications

Steedman, Mark. 1996. *Surface Structure and Interpretation*. Cambridge, MA: MIT Press.

Steedman, Mark. 2000a. "Information Structure and the Syntax-Phonology Interface." *Linguistic Inquiry*, 34, 649–689.

Steedman, Mark. 2002. "Plans, Affordances, and Combinatory Grammar." *Linguistics and Philosophy*, 25, 723–753.

Francez, Nissim and Steedman, Mark. 2006. "Categorial Grammar and the Semantics of Contextual Prepositional Phrases," *Linguistics and Philosophy*, 29, 381-417.

Steedman, Mark. 2010. *Natural Semantics of Scope*. Cambridge, MA: MIT Press (to appear).

D. SYNERGISTIC ACTIVITIES

Honors: Fellow of the British Academy (FBA); Fellow of the Royal Society of Edinburgh (FRSE); Fellow of the American Association for Artificial Intelligence; President, Association for Computational Linguistics (2008).

Current Editorial Boards: *Journal of Semantics*; *Language and Cognitive Processes*; *Research on Language and Computation*, *Computational Linguistics*.

Funding Agency Review panels: NIMH (BBBP-3); EPSRC College (UK)

Program Committees/Reviewer: ACL, EACL, NAACL, EMNLP, CoNLL, IJCNLP, WCCFL, SLT etc.

Recent Keynote Addresses: European Summer School on Logic Language and Information, Edinburgh Aug. 2005. SFB441 Conference on Linguistic Evidence, Tübingen, Feb. 2006. ALI Summer School Brisbane, Jul. 2006 (5 lectures). May Fest 2007, University of Maryland, College Park, May 2007. Inaugural conference, CIMeC Center for Mind/Brain Sciences, University of Trento, Rovereto, May 2007. Presidential Address to the 45th Annual conference of the Association for Computational Linguistics, Prague, June 2007. Bridging the Developmental Divide: Sentence Processing Meets Word and Grammar Learn-

ing, IRCS, University of Pennsylvania, Philadelphia November-December 2007. Third International Conference on Cognitive Systems, Karlsruhe, April 2008. Morris Symposium on Language, Cognition, and Motor Control, Stony Brook NY, May 2009. ARO Workshop on Situated Understanding of Intention, IRCS, University of Pennsylvania, Philadelphia PA, July 2009.

E. SELECTED RECENT GRANTS

EPSRC: GR/M96889, "Wide Coverage Parsing and Grammar Induction Using CCG", £159K, 3 years from Oct 2000 (PI, Univ. Edinburgh).

EU (FET) "Magicster: Embodied Believable Agents," 406K Euros (Edinburgh Component), 3 years from Dec 2000 (PI, Univ. Edinburgh).

EU IST Cognitive Systems IP FP6-2004-IST-4-27657 "Paco-Plus: Perception, Action and Cognition through Learning of Object-Action Complexes," 760K Euros (Edinburgh Component), 4 years from Feb. 2006 (PI, Univ. Edinburgh).

EU ERC Advanced Fellowship 249520 GRAMPLUS: Grammar-Based Robust Natural Language Processing. 1,910,997.60 Euro, 5 years from 1 June 2010

F. ASSOCIATIONS

Affiliations

I am an Adjunct Professor in the Dept. of Computer and Information Science, University of Pennsylvania.

Graduate Students and Postdocs

G.T.M. Altmann. (1986 Edinburgh),	Professor, University of York UK.
H. Reichgelt. (1986 Edinburgh)	Professor, University of the West Indies, Kingston Jamaica
M. Moens. (1988 Edinburgh)	CEO Rhetorical Systems, Edinburgh.
R. Pareschi (1989, Edinburgh),	Senior Researcher, Rank Xerox Laboratory, Grenoble France.
N. Haddock. (1989, Edinburgh),	Senior Research Officer, Hewlett Packard, Palo Alto CA.
E. Jowsey. (1991, Edinburgh)	Consultant, Interactive Information Limited.
M. Hepple (1991, Edinburgh)	Reader, University of Sheffield UK.
Prof. C. Pelachaud (1991, U. Penn, co-supervised with N. Badler),	Professor, INRIA
Dr.M. Niv (1993 U. Penn)	Senior Research Scientist CodeRyte Inc. Bethesda MD.
M. White (1994, U. Penn)	Assistant Prof. Ohio State University OH.
B. Hoffman (1995, U. Penn)	Faculty, Marymount College, Arlington VA.
S. Prevost (1995, U.Penn)	CEO BING, Microsoft..
J. Park (1996, U. Penn)	Associate Professor, KAIST Korea.
C. Ortiz (1996, U. Penn)	Senior Research Scientist SRI Menlo Park.

M. Stone (1998, U. Penn)**Folli Prize for Outstanding Dissertation in Language, Logic and Computation for 1998.**Associate Professor, Rutgers U.

N. Komagata (1999, U. Penn),	Assistant Professor, UNJ Trenton
F. Keller (2000, Edinburgh)	Faculty, University of Edinburgh.
J. Neumann (2001, Edinburgh),	Postdoc, Max Planck Institut for Cognitive Neuroscience, Leipzig

J. Baldridge (2002, Edinburgh), **Beth Prize for Outstanding Dissertation in Language, Logic and Computation for 2002.** Faculty, University of Texas at Austin.

J. Hockenmaier (2003, Edinburgh) **BCS Distinguish Dissertations Collection, shortlisted for BCS Distinguished Dissertation 2003.** Faculty, University of Illinois, Urbana

Dr. Stephen Clark (Postdoc 2000-2004, Edinburgh)	Faculty, University of Cambridge.
Dr. Johan Bos (Postdoc 2001-2003, Edinburgh)	Faculty, Univ. La Sapienza, Rome.

Sasha Calhoun (2007, Edinburgh, cosupervised with Bob Ladd) British Academy Postdoctoral Fellow, University of Edinburgh.

Dr. Chris Geib (Postdoc 2006-2010, Edinburgh)	Current.
Dr. Ron Petrick (Postdoc 2006-2010, Edinburgh)	Current.