

## MARK J. STEEDMAN: Curriculum Vita (January 5, 2011)

**PRESENT POST:** Professor of Cognitive Science, School of Informatics, Univ. of Edinburgh.  
**DATE OF BIRTH:** Sept. 18th 1946

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**DEGREES:** 1968, B.Sc. (hons.) in Experimental Psychology, University of Sussex.  
1973, Ph.D. in Artificial Intelligence, University of Edinburgh,

### RECENT CAREER:

1988 – 1992 Associate Professor, Computer and Information Science, University of Pennsylvania.  
1992 – 1998 Professor, Computer and Information Science, University of Pennsylvania.  
1998 – Present post; also Adjunct Professor, Computer and Information Science, University of Pennsylvania; also Director, Institute for Language, Cognition, and Computation (ILCC), University of Edinburgh.

**HONORS:** Fellow of the American Association for Artificial Intelligence (AAAI).  
Fellow of the Royal Society of Edinburgh (FRSE).  
Fellow of the British Academy (FBA).  
Member of the Academia Europæa  
Fellow of the Association for Artificial Intelligence and the Simulation of Behaviour (AISB)  
President of the Association for Computational Linguistics (ACL) 2007

### SELECTED RECENT GRANTS HELD:

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, 3 years from Oct 2000 (PI, Univ. Edinburgh).  
EU FP6 (IST Cognitive Systems IP) “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. 1.9M Euro, 5 years from 1 June 2010 (PI, Univ. Edinburgh).  
EU IST Cognitive Systems IP EC-FP7-270273 “XPERIENCE”. 1.35M Euro (Edinburgh Component), 5 years from 1 Jan 2011 (Co-PI with Chris Geib and Ron Petrick, Univ. Edinburgh).

### SELECTED RECENT PUBLICATIONS:

- (1996a) *Surface Structure and Interpretation*, Linguistic Inquiry Monograph **30**, MIT Press.  
(2000a) *The Syntactic Process*, MIT Press/Bradford Books.  
(2000b) “Information Structure and the Syntax-Phonology Interface”, *Linguistic Inquiry*, 34.1, 649-689.  
(2002a) “Plans, Affordances, and Combinatory Grammar,” *Linguistics and Philosophy*, **25**, 723-753.  
(2002d) (with Julia Hockenmaier) “Generative Models for Statistical Parsing with Combinatory Grammars,” *Proceedings of the 40th Meeting of the ACL*, Philadelphia July 2002 335-342.  
(2003a) “Discourse and Information Structure” (With Ivana Kruijff-Korbayová), *Journal of Logic, Language and Information*, **12**, 249-259.  
(2004a) (with Johan Bos, Stephen Clark, James R. Curran and Julia Hockenmaier), “Wide-Coverage Semantic Representations from a CCG Parser,” *Proceedings of the 20th International Conference on Computational Linguistics (COLING '04)*, Geneva, 1240-1246.  
(2004c) (with Stephen Clark and James Curran) “Object-Extraction and Question-Parsing using CCG,” *Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP)*, Barcelona, 111 - 118.  
(2006b) “Categorial Grammar and the Semantics of Contextual Prepositional Phrases,” (with Nissim Francez) *Linguistics and Philosophy*, 381-417.  
(2007a) “CCGbank: A Corpus of CCG Derivations and Dependency Structures Extracted from the Penn Treebank,” (with Julia Hockenmaier) *Computational Linguistics*, **33**, 355-396.  
(2008a) “On Becoming a Discipline” (2007 ACL Presidential Address) *Computational Linguistics*, **34**, 137-144.  
(2010a) “The NXT-Format Switchboard Corpus: A Rich Resource for Investigating the Syntax, Semantics, Pragmatics, and Prosody of Dialog,” (With Sasha Calhoun, Jean Carletta, Jason Brenier, Neil Mayo, Dan Jurafsky, and David Beaver), *Language Resources and Evaluation*, **44**, 387-419.  
(2010e) (with Kwiatkowski et al.) “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.  
(2010f) (with Christodoulopoulos et al.) “Two Decades of Unsupervised POS tagging—How Far Have We Come?”, *Proceedings of the 2010 Conference on Empirical Methods in Natural Language Processing*, Cambridge MA, 575-584.