

Brief C.V.

Name: *Steven Lindell*, Professor of Computer Science

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Education: *University of California at Los Angeles (UCLA)*

Ph.D. Computer Science	Major Field: Theory	1987
M.A. Mathematics	Emphasis in Logic	1982
B.A. Mathematics	Highest Honors	1980

Dissertation *The Logical Complexity of Queries on Unordered Graphs*

Professor Sheila A. Greibach, Computer Science Department (thesis advisor).

Professor Yiannis N. Moschovakis, Mathematics Department (thesis advisor).

National Science Foundation Grants

2002-5 Principle investigator for SGER grant "*A mathematical logic for physically feasible computation*" CCR-0225063.

'98-'02 ROA participant in "*Logical Studies in the Complexity of Computation*" together with principal investigator Scott Weinstein in the Department of Philosophy at the University of Pennsylvania, CCR-9820899.

1994-8 ROA participant in "*Logical Methods applied to Complexity Theory*": principle investigators Scott Weinstein and Maria Bonet from the University of Pennsylvania, CCR-9403447.

1990-3 Principle investigator for RUI grant "*Fixed-Point Logic on Finite Structures*", CCR-9003356.

Publications and Lectures

Please see my webpage <http://www.haverford.edu/cmcs/slindell/> for a full list and descriptions.

Active Memberships in Professional Organizations

IEEE Institute of Electrical and Electronics Engineers (full member)

ASL Association of Symbolic Logic

ACM SIGACT Association for Computing Machinery: Special interest in Theory of Computing

EATCS European Association for Theoretical Computer Science

Biographical summary

Steven Lindell founded the Computer Science program at Haverford College, after having received his education in mathematics and computer science at UCLA. His dissertation was under the joint direction of Sheila Greibach and Yiannis Moschovakis, on the topic of mathematical logic and computational complexity. His current interests include finding a logical characterization of basic computational models, such as connectivity within switching networks, and logical definability in finite model theory. The recipient of four National Science Foundation grants covering fifteen years, he has published over a dozen papers in the area of mathematical logic applied to computational complexity, and given over twenty talks, including a recent invited series at the 3rd Indian School for Logic and Applications.