Terrence G. Harvey, Ph.D.
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Research Interests

Natural Language Generation, Multi-Agent Systems, Decision Support, text planning, text structure. Thesis topic: Integrating multiple communicative plans in a multi-agent context.

Education: University of Delaware

Ph.D. in Artificial Intelligence (Computer Science) 1/07, major concentration of Natural Language Generation, minor in Multi-Agent Systems. Dissertation: *Decision Support Communication: Integrating Communicative Plans from Multiple Sources to Plan Messages for a Dynamic User and Environment.* Comprehensive exam 5/97, Qualifying exam (thesis proposal) 6/99.

Masters Degree in Computer Science, 5/97.

B.S. Business Administration, Marketing concentration 6/84.

Papers (see http://www.cis.udel.edu/~harvey/papers.html)

as Primary Author:

- *Tailored Responses for Decision Support*, with Sandra Carberry and Keith Decker; in Proceedings of the 10th International Conference on User Modeling, July 2005, Edinburgh UK.

- *Multi-Agent Decision Support via User Modeling*, with Keith Decker and Sandra Carberry; in AAMAS '05: Proceedings of the Fourth International Joint Conference on Autonomous Agents and Multiagent Systems, July 2005, Utrecht, Netherlands.

- *Planning Ahead to Provide Scheduler Choice*, with Keith Decker; Proceedings of the Fifth International Conference on Autonomous Agents Infrastructure Workshop (2001), Montreal, Canada.

- *Planning Alternatives for an Intelligent Scheduler*, with Keith Decker; International Joint Conference on AI 2001: Proceedings of the AI in Manufacturing Workshop, Seattle, Washington.

- *Integrating the Communicative Plans of Multiple, Independent Agents*, with Keith Decker and Owen Rambow; Proceedings of the Fourth International Conference on Autonomous Agents 1999 Workshop on Communicative Agents, Seattle, Washington.

- *Integrating Text Plans for Conciseness and Coherence*, with Sandra Carberry; Proceedings of the 17th International Conference on Computational Linguistics and the 36th Annual Meeting of the Association for Computational Linguistics, Montreal, Canada.

Other papers:

- *Exploiting Multiple Goals and Intentions in Decision Support for the Management of Multiple Trauma: A Review of the TraumAID Project* Webber, B.L., Carberry, S., Clarke, J.R., Gertner, A., Harvey, T., Rymon, R., Washington, R. Artificial Intelligence Journal vol. 105 (1998).

- *Generating Coherent Messages in Real-time Decision Support: Exploiting Discourse Theory for Discourse Practice*, Sandra Carberry and Terrence Harvey; Proceedings of the 19th Annual Conference of the Cognitive Science Society (1997) Palo Alto, California.

- *Integrating Communicative Goals for Real-time Clinical Decision Support*, Sandra Carberry, Terrence Harvey, and John Clarke M.D.; Proceedings of the American Medical Informatics Association Annual Fall Symposium (1997).

Employment

University of Delaware: **Adjunct Professor** (Full-time Lecturer), Computer Science, (9/04 to present). Courses taught: General Computer Science (in C, MATLAB), Introduction to Programming (in C++), Data Structures (regular and Honors, in C++) and Structure and Theory of Programming (regular and Honors, in Scheme).

University of Delaware: **Graduate Student and S-Contract Instructor**, Computer Science, (2/02 to 7/04). Taught Introduction to Programming in C, and Structure and Theory of Programming (in Scheme).

University of Delaware: **Graduate Research Assistant or Teaching Assistant** (9/95 to 9/02)

University of Delaware: **Graduate student** (9/92 to 9/95)

PNC Bank (Delaware): **Branch Manager**, 1009 N. Union St. Office (12/89 to 9/92). Managed five full-time and six part-time employees. Made lending decisions for retail and small commercial credit. Developed and implemented annual sales plan, with goals for each employee. Prepared annual budget and monthly variance reports. Maintained audit and security procedures throughout branch.

Other PNC/Bank of Delaware positions 5/85 - 8/89.