

**Richard Timothy Beckwith**

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**Education**

Teachers College, Columbia University

Ph.D., January 1988, Developmental and Educational Psychology

University of Massachusetts/Boston

BA in Psychology, June 1981, Summa cum Laude

Honors in Psychology and Linguistics

**Work Experience**

Intel Corporation, Intel Architecture Laboratory

Research Psychologist                      1996-present

Work with social scientists and technologists to provide Intel engineers with a vision of computing five years out. Responsibilities include doing ethnographic fieldwork to support the development and evaluation of prototype hardware and software products, integration of qualitative field data with extant quantitative data, analysis of these data, and evangelizing research to internal and external customers.

Northwestern University, The Institute for the Learning Sciences

Research Scientist -- Assistant Professor    1991-1995

Associate Professor    1995-1996

Worked with various teams to support the development of training and educational software. Responsibilities included the design and supervision of all research involving human subjects. Activities included both data gathering for software design and evaluating software for training efficacy and usability. Methodologies included: user observations, structured interviews, surveys, focus groups, and history analysis.

Princeton University, Cognitive Science Laboratory

Research Associate    1988-1991

Worked with George Miller's team on the development of a lexical database organized on psycholinguistic principles. Responsibilities included surveying psycholinguistic and neuropsychological data and working with programmers to ensure that the structure of the database and the procedures involved in data access reflected salient properties as determined by these data.

Teachers College, Columbia University  
Research Assistant 1981-1991

Worked with Lois Bloom's team of researchers looking at language acquisition in the first two years of life. Oversaw the development and maintenance of a computer/video laboratory. Methodologies included quasi-naturalistic observations of mother-infant dyads, microanalysis of data, development of coding schemes and a suite of lag-sequential analysis tools, and the implementation of a language acquisition simulation.

### **Selected Publication**

Miller, Beckwith, Fellbaum, Gross, and Miller (1991). Introduction to WordNet: An On-Line Lexical Database. *International Journal of Lexicography*, 3, 1-12.

Beckwith and Miller (1991). Implementing a Lexical Network. *International Journal of Lexicography*, 3, 303-312.

Bell, Bareiss, and Beckwith (1993-1994) The Role of Anchored Instruction in the Design of a Hypermedia Museum Exhibit. *Journal of the Learning Sciences*.

Beckwith (1995) Strategies for Supporting the Design of Educational Software: A Look at Authoring Environments Put into Practice. Chaired at the American Educational Research Association, Spring 1995 meeting.

Beckwith and Teibel (1998) The Creative PC in the Classroom. Presented at the International Conference on Technology and Education, Spring 1998 meeting.