

## **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, George, Richard Beckwith, N. Fellbaum, M. Gross, and D. Miller (1991).  
Introduction to WordNet: An On-Line Lexical Database. *International Journal of Lexicography*, 3, 1-12.
- Beckwith, Richard and George Miller (1991). Implementing a Lexical Network.  
*International Journal of Lexicography*, 3, 303-312.
- Bell, Benjamin L., Ray Bareiss, and Richard Beckwith (1994). "Sickle Cell Counselor: A Prototype Goal-Based Scenario for Instruction in a Museum Environment". *The Journal of the Learning Sciences*, 3(4), 347-386..
- Beckwith, Richard (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, Richard and D. Teibel (1998) The Creative PC in the Classroom. Presented at the International Conference on Technology and Education, Spring 1998 meeting.