

Robert W. Lawler

Professor, Emeritus

Latest Keynote Presentations:

Taipei, Taiwan, **Edutainment 2011: Thinkable Models and Educational Games**

Paris, France, **Constructionism 2010: Wearing My Heart Upon My Sleeve --**

Plans for a Natural Learning Case Study Archive [now see <http://www.nlcsa.net>]

Academic Studies

- Ph. D. 1976-79 **Massachusetts Institute of Technology**, School of Engineering: Studies in Intelligence (an individualized program of studies in Artificial Intelligence, Psychology, and Education) Advisers: Professors Marvin Minsky, Seymour Papert.
- M. S. 1975-76 **Massachusetts Institute of Technology**, School of Science: Educational Technology (advisers: Seymour Papert, Susan Carey).
- 1964-66 **Yale University**, Graduate School of Drama: Play Writing and Dramatic Literature (adviser: Professor John Gassner).
- A. B. 1963-64 **Temple University**, School of Liberal Arts: English, Magna cum laude, with Distinction in English.
- 1958-1961 **California Institute of Technology**: matriculated as the Regional Scholar for New England and the Middle Atlantic States (one of seven Caltech Regional Scholars in the USA). Advanced standing.

Academic Appointments

- Visiting Scholar, **MIT Media Laboratory**, Cambridge, MA, June-December 2009, with Marvin Minsky.
- Visiting Scholar, Archives Jean Piaget, and Professor of Psychology and Genetic Epistemology, **F.P.S.E., Université de Genève**, Geneva, Switzerland, September 2000 -August 2001. Appointed Lifetime International Fellow of Archives Piaget, with Jacques VonEche.
- Visiting Professor, Media Arts and Sciences, **MIT Media Laboratory**, Cambridge, MA, September 1999 through August 2000.
- Professor, Department of Curriculum and Instruction, **Purdue University**, Full Professor from 1996 onward. Associate Professor: 1987-96
Research leave: August 1999-2001. Early retirement, Summer 2002.
- Visiting Scientist, **MIT Artificial Intelligence Laboratory**, School of Engineering, February-August 1994.
- Honorary Research Fellow, **Exeter University**, U.K., Computer Science Department, September 1993-January 1994, with M. Yazdani.
- Visiting Associate Professor of Media Arts and Sciences, **MIT Media Laboratory**, February-August, 1992.
- Visiting Scholar, Henry Murray Research Center for the Study of Human Lives, **Harvard University/Radcliffe College** Cambridge, Summer 1991.
- Research Associate, **MIT Division for Study and Research in Education**, 1979-81, with Seymour Papert.
- Graduate Research Assistant, **MIT Artificial Intelligence Laboratory** and Division for Study and Research in Education, 1975-1979, with Seymour Papert.

Other Professional Positions

Visiting Scientist, BBN Technologies, Cambridge, MA (Fall, 2002 - 2012), under the aegis of Wallace Feurzeig, Principal Scientist, Intelligent Distributed Computing. Work during these visits has focused primarily on proposal development for federal agencies. Current focus is development of Case Study Archives: <http://nlcsa.net>

Associate Editor, Interactive Learning Environments, Taylor & Francis, Ltd., UK, (2009-current) under the general editorship of Dr. Joseph Psoyka.

Consulting Contractor, Army Research Institute, Arlington, VA. 2003-2004, with Dr. Joseph Psoyka, Leadership Development Research Unit.

Fellow, UNESCO Education Section, Paris, France. January-August 1998 (sabbatical term and summer in "Learning Without Frontiers" project). Work completed summer 1999. Work: Exploring development potential of networks.

Consulting Contractor, Apple Corporation, Advanced Technology Group, August 1994 - 1996. Work: creating a Logo language for the SK8, system.

Visiting Scholar, Apple Corporation, Advanced Technology Research Group, Cupertino, California. Summer 1994. Work: Researching uses for an experimental digital multi-media application language, the SK8 system, and the development of digital prototypes.

Principal, Learning Environments, Inc., 1989-1994. Work: Research and Development of AI technology for multi-language training.

Senior Research Associate, National Research Council, on site at the Army Research Institute, January-June 1987 and summer 1988. Work: Exploring the use of hypertext in the organization of large bodies of information.

Principal Researcher, Fundamental Research Laboratory, GTE Laboratories, Waltham, MA., 1984-1986. With Oliver G. Selfridge. Work: Learning Research; Exploring uses of Artificial Intelligence ideas and techniques with telecommunications networks.

Chargé de Mission , Le Centre Mondial pour L'Informatique et Ressources Humaines, Paris, 1982-1983. Scientific Director, Seymour Papert. Administrative Director, Nicholas Negroponte. Work: Developing ideas and examples of computer uses for learning, especially in the context of development in different cultures.

Associate Director, New York Logo Center, Logo Computer Systems, Inc., 1981-1982. Work: Developing ideas and examples of computer uses for learning; advocating the value of and encouraging the use of computers in education.

Advisory Systems Engineer, IBM (International Business Machines), Data Processing Division, New Haven CT, 1967-1975. Work: Guiding the installation and improving the performance of advanced systems (multiprocessor systems under OS MVT, ASP), telecommunications (CICS), and database (IMS) software.

U.S. Army Federal Reserve (1962-68). Honorable Discharge.

Publications Summary: Six books and many papers published in the US and Europe.

1. Computer Experience and Cognitive Development (Wiley, 1985)

2. Cognition and Computers (Wiley, 1986), with DuBoulay, Hughes & Macleod

3-4. Artificial Intelligence and Education, (Ablex: Vol 1,1987; Vol 2 1992) with Yazdani.

5. Case Study and Computing (Ablex, 1996), with K. Carley.

6. Learning with Computers (Intellect Books, 1997); web site <http://nlcsa.org/L&C/>