

Robert J. Beck, Ph.D.
Lawrence University
University of California, Irvine

CURRENT POSITIONS

Visiting Professor of Education
Lawrence University
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Professor Emeritus of Education
California Institute for Telecommunications and Information Technology
University of California, Irvine
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WEB SITE

www.lawrence.edu/fast/beckr/

Towards a pedagogy of educational discussions. This web site contains naturalistic and experimental studies of face-to-face and electronic educational discussions in home and school settings conducted by Robert J. Beck and colleagues from 1993 to the present.

www.myelectiondecision.org

EDUCATION

Ph.D., Committee on Human Development,
University of Chicago (1965)

A.M., Committee on Human Development,
University of Chicago (1963)

A.B., Division of Social Sciences, Tutorial Program,
University of Chicago (1958)

HONORS

Phi Beta Kappa
Sigma Xi

PUBLICATIONS

Recent Articles

R. J. Beck, W. F. Skinner & L.A. Schwabrow (2011): A study of sustainable assessment theory in higher education tutorials, *Assessment & Evaluation in Higher*

Education. Published online in advance of print publication.
<http://dx.doi.org/10.1080/02602938.2011.630978>.

R. J. Beck (2009). The cultivation of students' metaphoric imagination of peace in a creative photography program. *International Journal of Education and the Arts*, v.10, #18.

R. J. Beck (2007). The Oxford tutorial system: A learning theory, *Oxford Magazine*, Eighth week, Trinity Term, 13-17.

Books

D. Wood, & R. J. Beck (1994). *Home Rules: Culture, Environment and the American Family*. Baltimore: The Johns Hopkins University Press.

Book Chapters

D. Wood, & R. J. Beck (1996). Janine Eber maps London: Individual dimensions of cognitive imagery. In C. Spenser & D. Canter (Eds.), *Environmental Psychology of Children*. Chapter 10. London: Routledge.

R. J. Beck, R. Rowan, & P. Teasdale (1978). Dimensions of social lifestyle in multiple dwelling housing. In A. H. Esser & B. Greenbie (Eds.), *Privacy and Communitality*, 235-68. NY: Plenum Press.

R. J. Beck, & D. Wood (1976). A comparative developmental analysis of individual and aggregated maps of London. In G. T. Moore & R. G. Golledge (Eds.), *Environmental Knowing*, 173-184. Stroudsburg, PA: Dowden, Hutchinson and Ross.

D. Wood, & R. J. Beck (1976). Talking with *Environmental a*, an experimental mapping language. In G. T. Moore & R. G. Golledge (Eds.), *Environmental Knowing*, 351-362. Stroudsburg, PA: Dowden, Hutchinson and Ross.

R. J. Beck (1970). Spatial meaning and the properties of the environment. In H. M. Proshansky & W. Ittelson (Eds.) (1970), *Environmental Psychology* (1st ed.), 134-141. New York: Holt Rinehart.

Peer-Reviewed Articles and Published Peer-Reviewed Conference Proceedings

R. J. Beck, T. L. Gottfried, D. J. Hall, C. A. Cisler, & K. Bozeman. (2006). Supporting the health of college solo singers: The relationship of positive emotions and stress to changes in Salivary IgA and cortisol during singing. *Journal of Learning through the Arts*, 2(1), Article 19, 1-17.

J. P. Boyd, W. Fitzgerald, & R. J. Beck (2006). Computing core-periphery structures and permutation tests for social relations data. *Social Networks*, 28, 165-178.

R. J. Beck, N. L. Livne, & S. L. Bear (2005). Teachers' self-assessments of the effects of formative and summative electronic portfolios. *European Journal of Teacher Education*, 28(3), 221-244.

R. J. Beck, J. Cummins, & J. Yep (2005). Picturing Peace: Local and universal symbols in three cultures. *Journal for Learning through the Arts*, 1(1), 97-139.

R. J. Beck, W. Fitzgerald, & B. Pauksztat (2003). Individual behaviors and social structure in the development of communication networks of self-organizing online discussion groups. In B. Wasson, S. Ludvigson, & U. Hoppe (Eds.). *Designing for change in networked learning environments* (pp. 313-322). Dordrecht: Kluwer.

R. J. Beck, & S. K. Marshall (2002). Experimental videocase instruction: Transfer of prospective teachers' classroom situated knowledge through expert prompts and modeling. In P. Bell (Ed.), *Proceedings of the 5th International Conference of the Learning Sciences*, Seattle, WA.

R. J. Beck, A. King, & S. K. Marshall (2002). Effects of videocase construction on preservice teachers' observations of teaching, *Journal of Experimental Education*, 70(4), 345-361.

R. J. Beck, R. S. Brown, S. K. Marshall, & J. Schwarz (2002). Reflective communicator roles in preservice teacher team email discussions, *Proceedings of Computer Supported Collaborative Learning 2002*, 275-281.

R. J. Beck, T. C. Cesario, A. Yousefi, & H. Enamoto (2001). Choral singing, performance perception, and immune system changes in salivary Immunoglobulin A and Cortisol. *Music Perception*, 18(1), 87-106.

R. J. Beck, R. A. Kotkin, J. M. Swanson, & F. Miller (1999). Stability of situational non-compliance in ADHD children in two school settings. *Journal of Attention Disorders*, 3(1), 5-12.

K. A. Clarke-Stewart, & R. J. Beck (1999). Maternal scaffolding and children's narrative retelling of a movie story. *Early Childhood Research Quarterly*, 14(3), 409-434.

R. J. Beck, M. Martinez, & V. Lires (1999). The application of an expert model of interpretive skill to a multicultural-multimedia system on ethnic dance, *Studies in Art Education*, 40(2), 162-179.

R. J. Beck, & K. A. Clarke-Stewart (1998). Improving 5 year-old children's narrative recall and comprehension. *Journal of Applied Developmental Psychology*, 19(4), 543-569.

R. J. Beck, & A. M. Turk (1998). Family peacemakers: An extended family mediation and conflict resolution skills training program for youth offenders during probation. *Mediation Quarterly*, 16(1), 51-69.

R. J. Beck, & C. Haynes (1998). Mapmakers. *Dragonfly: Teacher's Companion*, May-June, 14-16.

R. J. Beck (1997). Communications in a teen court: Implications for probation. *Federal Probation*, 61, 40-48.

R. J. Beck, & D. Wood (1993). The dialogic socialization of aggression in a family's court of reason and inquiry. *Discourse Processes*, 16(3), 341-362.

D. Wood, & R. J. Beck (1990). Tour personality: The interdependence of environmental orientation and interpersonal behavior. *Journal of Environmental Psychology*, 10, 177-207.

D. Wood, & R. J. Beck (1990). Do's and Don'ts: Family rules, rooms and their relationships. *Children's Environments Quarterly*, 7(1), 4-16.

D. Wood, & R. J. Beck (1989). Janine Eber maps London: Individual dimensions of cognitive imagery. *Journal of Environmental Psychology*, 9, 1-26.

R. J. Beck (1977). Applications of user research. *Industrialization Forum*, 8(1), 2-13.

R. J. Beck (1976). User generated research information requirements for roles engaged in the design, management, building, protection, teaching, informing and use of the environment. *Man-Environment Systems*, 6(3), 151-162.

R. J. Beck, & D. Wood (1976). Cognitive transformation of information from urban geographic fields to mental maps. *Environment and Behavior*, 8(2), 199-238.

R. J. Beck, R. Rowan, & P. Teasdale (1974). The analysis of family satisfaction with the design of the stacked maisonette. In D. Carson (Ed.), *EDRA 5: Proceedings of the Fifth Conference of the Environmental Design Research Association*, 297-319.

R. J. Beck et al. (1973). Studying environmental moves and relocations. *Environment and Behavior*, 5(3), 147-155.

R. J. Beck (1967). Spatial meaning and the properties of the environment. In D. Lowenthal (Ed.), *Perception of the environment*, *Geography Research Series*, No. 108, University of Chicago Press.

R. J. Beck (1967). Some proto-psychotherapeutic elements in the practice of the shaman. *History of Religions*, 6(4), 303-327.

RECENT GRANT HISTORY

2009-2011. Principal Investigator (with William F. Skinner). “Researching Assessment Methods in Tutorial Education.” Teagle Foundation. \$80,000

2007-2009. Principal Investigator, “The Greatest Good for the Greatest Number: An Experimental Study of the Effects of Racial and Ethnic Diversity on Liberal Arts College Discussions.” Spencer Foundation. \$75,000.

2004-2007. Principal Investigator, "An Experimental Study of Middle-School Mathematics Teachers' Professional Development Online." California Postsecondary Education Commission. \$275,000.

2001-2004. Principal Investigator, “Implementation of an E-Education Program.” U.S. Department of Education. *Preparing Tomorrow's Teachers to Use Technology*. \$1,159,000.

2001-2002. Principal Investigator, Presidential Grant for School Improvement: “Increasing Equity and Access by Using the Internet2 to Improve Teaching and Learning in Low-Performing Schools: The Digital California Project Action Research Collaborative.” \$30,000.

1999-2000. Principal Investigator, “The Irvine Experiment in Restructuring Credential Program Preparation and Support for the Development of Student Teachers' Technological Proficiencies.” U.S. Department of Education. *Preparing Tomorrow's Teachers to Use Technology*. \$165,000.

1999-2002. Principal Investigator, “T.A.L.E.N.T. Technology & Literacy—Educators Networked & Teamed.” Evaluator of the impacts of computer networking of teachers on students’ literacy. Orange County Department of Education/State of California. \$105,000.