

February 2011

VITA: Herbert L. Pick Jr.

Birth date: July 18, 1930
Birthplace: Newark, New Jersey
Marital Status: Married, three children

Education:

Cornell University, B.A. 1952 (Sociology)
Cornell University, PhD 1960 (Experimental Psychology)
Moscow State University, Graduate Exchange Student, 1959-60

Employment History:

Professor, Institute of Child Development, University of Minnesota, 1968 to present; Assistant Professor, 1962-1963; Associate Professor, 1963-1968.
Adjunct Professor, Department of Kinesiology, 1987 to present.
Adjunct Professor, Department of Psychology, 1968 to present.
Adjunct Professor, Department of Russian and East European Studies, 1987-1991.
Visiting Scientist, Human Engineering Division, Armstrong Laboratory Wright-Patterson AFB, USAF OSR - URRP (Program), 1995.
Scientific Exchange Program, Institute of Psychology AN, Moscow USSR, October to November 1986.
Visiting Lecturer, Institute of Psychology, Academica Sinica, Beijing, People's Republic of China, February to April 1983.
Visiting Professor, Katholieke Universiteit Nijmegen, Netherlands, January to June 1981.
Fulbright-Hays Exchange Scholar to USSR, Moscow State University, February to June 1978.
NIH Career Development Fellowship, 1966-1973.
Fellow, Center for Advanced Study in the Behavioral Sciences, Stanford University, 1972-1973.
Visiting Professor, Makerere University College, Kampala, Uganda, 1969-1970.
Faculty Exchange Program, Moscow State University, Spring, 1970.
Faculty Exchange Program, Moscow State University, Winter 1964-1965.
Instructor, Assistant Professor, Department of Psychology, University of Wisconsin, 1960-1962.
Research Associate, Physiology Department, New York State Veterinary College, 1958-1959.

Scientific and Professional Activities:

American Psychological Association, Board of Scientific Affairs, 1971-1974.
APA - Division 7 Executive Committee, 1971-1974.
National Science Foundation Psychobiology Study Section, 1971-1974.
Social Science Research Council, Committee on Cognition, 1972-1982,
Chairman, 1976-1980.
Society for Research in Child Development Governing Council, 1979-1985.
Human Learning and Behavior Branch of NICHD, five year plan for research on
normative behavioral development - Consultant and section chair on
perceptual and motor development, 1983.
National Research Council: Chair of Working Group on Development of
Cognitive and Social Competence of the Committee on Basic Research and
Behavioral Sciences, 1985-1986.
APA - Division 7 President 1987-88.
National Science Foundation 2008 Review Panel for the East Asia and Pacific
Summer Institutes.

Honors:

Outstanding Faculty Award, CLA, June 1998
APA Division 7 Mentor Award, August 1998

Administrative Responsibilities:

Director, Center for Research in Human Learning, University of Minnesota, 1972
to 1978.

Consulting Editor:

Soviet Psychology (Advisory Committee) 1975 to 2000?
Journal of Experimental Psychology, 1979-1982
Journal of Experimental Child Psychology, 1966-1983
Journal of Motor Behavior, 1981-1994
Spatial Cognition and Computation 1999 to present

External Grants and Contracts (since 2000)

NSF: Collaborative/RUI Research on the Perceptual Aspects of Locomotion,
9/1/01 – 8-31 -07, total budget \$420,759.
NSF: REU Site in the Cognitive and Behavioral Sciences, 4/15/07 – 3/31/10,
total budget \$256,185.
NSF: REU Site in the Cognitive and Behavioral Sciences, 03/01/2011-
02/28/2014, total budget \$330.000?.

Publications

Gibson, E. J., Walk, R. D., Pick, H. L., Jr., & Tighe, T. J. (1958). Effects of
prolonged exposure to visual patterns on learning to discriminate similar and

- different patterns. The Journal of Comparative and Physiological Psychology, 51, 584-587.
- Walk, R. D., Gibson, E. J., Pick, H. L., Jr., & Tighe, T. J. (1958). Further experiments on prolonged exposure to visual forms: The effect of single stimuli and prior reinforcement. The Journal of Comparative and Physiological Psychology, 51, 483-487.
- Walk, R. D., Gibson, E. J., Pick, H. L., Jr., & Tighe, T. J. (1959). The effectiveness of prolonged exposure to cutouts vs. painted patterns for facilitation of discrimination. The Journal of Comparative and Physiological Psychology, 52, 519-521.
- Kare, M. R., & Pick, H. L., Jr. (1960). Influence of the sense of taste on food and fluid consumption. Poultry Science, 39, 697-705.
- Pick, H. L., Jr. (1961). Research on taste in the Soviet Union. In M. Kare & B. Halperin (Eds.), Physiological and behavioral aspects of taste. Chicago: University of Chicago Press.
- Pick, H. L., Jr. Soviet psychology. (1962). (A review of book by the same name). American Journal of Psychology, 75, 173-174.
- Pick, H. L., Jr., Hetherington, E. M. & Belknap, R. (1962). Effects of differential visual stimulation after induction of visual after effects. Journal of Experimental Psychology, 64, 425-429.
- Pick, H. L., Jr., & Kare, M. R. (1962). Influence of artificial cues on taste preference in the chicken. The Journal of Comparative and Physiological Psychology, 55, 343-345.
- Pick, H. L., Jr. (1963). A taste of touch in Russia. (A review of Anan'ev, et al., Touch in the processes of cognition and work.) Contemporary Psychology, 8, 201-202.
- Pick, H. L., Jr. (1963). Soviet research on learning and perception in children. In J. D. Wright & J. Kagan (Eds.), Basic cognitive processes in children. Monographs of the Society for Research in Child Development, 28, 185-190. Chicago: University of Chicago Press.
- Hay, J. C., & Pick, H. L., Jr. (1963). Adaptation to chromatic aberration in the human visual system. Science, 141, 167-169.
- Pick, H. L., Jr. (1964). Perception in Soviet psychology. Psychological Bulletin, 62, 21-35.

- Pick, H. L., Jr. (1964). Methods and findings of experiments on the visual discrimination by shape by animals. (A review of book by same name.) American Journal of Psychology, 77, 168.
- Pick, H. L., Jr. (1964). Current problems in animal behavior. (A review of book by same name.) American Journal of Psychology, 77, 685-686.
- Pick, H. L., Jr., & Hay, J. C. (1964). Adaptation to prismatic distortion. Psychonomic Science, 1, 199-200.
- Hetherington, E. M., Pick, H. L., Jr., & Koski, C. H. (1964). Studies of influence of differential visual experience on figural after-effects. Journal of Experimental Psychology, 68, 466-469.
- Hetherington, E. M., Ross, L. E., & Pick, H. L., Jr. (1964). Delay of reward and learning in normal and mentally retarded children. Child Development, 35, 653-659.
- Pick, H. L., Jr. (1965). Some views on Soviet psychology. Review of Soviet Psychology, American Journal of Psychology, 78, 331-333.
- Hay J. C., Pick, H. L., Jr., & Ikeda, Karen. (1965). Visual capture produced by prism spectacles. Psychonomic Science, 2, 215-216.
- Pick, H. L., Jr., & Hay, J. C. (1965) A passive test of the Held reafference hypothesis. Perceptual and Motor Skills, 20, 1070-1072.
- Hay, J. C., & Pick, H. L., Jr. (1966). Visual and proprioceptive adaptation to prismatic displacement. Journal of Experimental Psychology, 71, 150-158.
- Hay, J. C., & Pick, H. L., Jr. (1966). Gaze contingent adaptation and prism orientation. Journal of Experimental Psychology, 72, 640-648.
- Hay, J. C., & Pick, H. L., Jr. (1966). Comment on "Adaptation of humans to colored split-field glasses." Psychonomic Science, 4, 78.
- Pick, H. L., Jr., & Hay, J. C. (1966). Gaze contingent adaptation to prism spectacle. American Journal of Psychology, 79, 443-450.
- Pick, H. L., Jr., Hay, J. C., & Willoughby, R. H. (1966). Interocular transfer of adaptation to prismatic distortion. Perceptual and Motor Skills, 23, 131-135.
- Pick, H. L., Jr., Klein, R. E., & Pick, A. D. (1966). Visual and tactual identification of form orientation. Journal of Experimental Child Psychology, 4, 391-397.

- Pick, A. D., Pick, H. L., Jr., & Thomas, M. (1966). The role of graphemephoneme correspondence in the perception of Braille. Journal of Verbal Learning and Verbal Behavior, 5, 298-300.
- Pick, A. D., Pick, H. L., Jr., & Thomas, M. (1966). Cross-modal transfer of discrimination of letter-like forms. Journal of Experimental Child Psychology, 3, 279-288.
- Pick, A. D., & Pick, H. L., Jr. (1966). A developmental study of tactual discrimination in blind and sighted children and adults. Psychonomic Science, 6(8), 367-368.
- Pick, H. L., Jr. (1967). Review of Human spatial orientation by I. Howard and Templeton. American Journal of Psychology, 80, 476-478.
- Pick, H. L., Jr., Pick, A. D., & Klein, R. E. (1967). Perceptual integration in children. Chapter in L. Lipsitt & G. Spiker (Eds.), Advances in child development and behavior, Vol. III. New York: Academic Press.
- Pick, H. L., Jr., & Pick, A. D. (1967). A developmental and analytic study of the size-weight illusion. Journal of Experimental Child Psychology, 5, 362-371.
- Pick, H. L., Jr., Hay, J. C., & Martin, R. (1968). Adaptation to split field wedge prisms. Journal of Experimental Psychology, 80, 125-130.
- Corsini, D. A., & Pick, H. L., Jr. (1969). Effect of texture on tactually perceived length. Perception and Psychophysics, 5(6), 352-356.
- Gliner, C. R., Pick, A. D., Pick, H. L., Jr., & Hales, J. J. (1969). A developmental investigation of visual and haptic preferences for shape and texture. Monographs of the Society for Research in Child Development, 34(6) Serial No. 130.
- Pick, H. L., Jr., Warren, D. H., & Hay, J. C. (1969). Resolution of sensory conflict between vision, proprioception, and audition. Perception and Psychophysics, 6, 203-206.
- Pick, H. L., Jr. (1970). Systems of perceptual and perceptual-motor development. In J. Hill (Ed.), Minnesota Symposia on Child Psychology, (Vol. 4). Minneapolis: University of Minnesota Press.
- Pick, A. D., & Pick, H. L., Jr. (1970). Resolution of sensory conflict in perceptual development. Ceskoslovenska Psychologie, 14(1), 43-51.
- Pick, H. L., Jr., & Pick, A. D. (1970). Sensory and perceptual development. In P. Mussen (Ed.), Carmichael's manual of child psychology. New York: Wiley.

- Warren, D., & Pick, H. L., Jr. (1970). Developmental study of sensory conflict in sighted and blind. Perception and Psychophysics, 8(6), 430-432.
- Pick, H. L., Jr. (1971). Perceptual development of children. Encyclopedia of Education, Vol. 7, 69-76.
- Hay, J. C., Langdon, B., & Pick, H. L., Jr. (1971). Spatial parameters of eye-hand adaptation to optical distortion. Journal of Experimental Psychology, 1971, 91(1), 11-17.
- Pick, H. L., Jr., & Ryan, S. M. (1971). Perception. Annual review of psychology. Palo Alto, CA: Annual Reviews, Inc.
- Smothergill, D. W., Martin, R., & Pick, H. L., Jr. (1971). Perceptual-motor performance under rotation of the central field. Journal of Experimental Psychology, 87, 64-70.
- Leibowitz, H. W., & Pick, H. L., Jr. (1972). Cross-cultural and educational aspects of the Ponzo perspective illusion. Perception and Psychophysics, 12, 430-432.
- Pick, A. D., Pick, H. L., Jr., & Hales, J. J. (1972). Selective attention to words and colors. Psychonomic Science, 29, 85-87.
- Pick, H. L., Jr., Warren, D. H., McIntyre, C. W., & Appel, L. F. (1972). Transfer as evidence for the organization of perceptual and perceptual-motor space. Psychologische Forschung, 34, 163-177.
- Gippenreiter, Yu B., & Pick, H. L., Jr. (1973). Fiksatsionnyi optikineticheskii nistagm kak pokazatel' ychastiya zreniya v dvizheniyakh. (Fixation optokinetic nystagmus as an index of the participation of vision in movements). In Yu B. Gippenreiter (Ed.), Issledovanie zritel' noi deyatel'nosti cheloveka (Investigation of the visual activity of man). Moscow: Moscow University Press.
- Pick, H. L., Jr. (1974). Visual coding of non-visual spatial information. In R. B. MacLeod & H. L. Pick, Jr. (Eds.), Studies in perception: Essays in honor of J. J. Gibson. Ithaca: Cornell University Press.
- Kosslyn, S. M., Pick, H. L., Jr., & Fariello, G. R. (1974). Cognitive maps in children and men. Child Development, 45, 707-716.
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- McIntyre, C. W., & Pick, H. L., Jr. (1974). Transfer of adaptation to rotation of the visual field. Journal of Experimental Psychology, 103, 782-791.
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- Pick, H. L., Jr. (Summer, 1975). Cultural differences in perception, SRCD Newsletter.
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- Pick, H. L., Jr. (1977). Perceptuo-motor development. In B. B. Wolman (Ed.), International encyclopedia of psychiatry, psychology, psychoanalysis and neurology, (Vol. 8). New York: Van Nostrand Desculapius, pp. 277-278.

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- Pick, H. L., Jr., & Saltzman, E. (1978). Modes of perception. In H. L. Pick, Jr. & E. Saltzman (Eds.), Modes of perceiving and processing information. Hillsdale, NJ: Lawrence Erlbaum Associates.
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- Walk, R. D., & Pick, H. L., Jr. (Eds.). (1978). Perception and experience. New York: Plenum Press.
- Pick, A. D., & Pick, H. L., Jr. (1979). Cross cultural studies of perception. In E. C. Carterette & M. P. Friedman (Eds.), Handbook of perception, Vol. IX. New York: Academic Press.
- Pick, H. L., Jr., Yonas, A., & Rieser, J. J. (1979). Spatial reference systems in perceptual development. In M. Bornstein & W. Kessen (Eds.), Psychological development from infancy. Hillsdale, NJ: Lawrence Erlbaum Associates.
- Pick, H. L., Jr. (1980). Tactual and haptic perception. In B. B. Blasch & R. L. Welsh, (Eds.). Orientation and mobility for visually handicapped persons: Development and fundamental principles. New York: American Foundation for the Blind.
- Pick, H. L., Jr. Perception and locomotion. (1980). In B. B. Blasch & R. L. Welsh, (Eds.). Orientation and mobility for visually handicapped persons: Development and fundamental principles. New York: American Foundation for the Blind.
- Pick, H. L., Jr. (1980). Perceptual and cognitive development of preschoolers in Soviet Psychology. Contemporary Educational Psychology, 5, 140-149.
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- (Comparative characteristics of the hand-hand and eye-hand coordination systems.) Vestnik Moskovogo Universiteta, 14(2), 13-26.
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- Rieser, J. J., Lockman, J. J., & Pick, H. L., Jr. (1980). Role of visual experience in knowledge of spatial layout. Perception and Psychophysics, 28, 185-190.
- Siegel, G. M., Fehst, C. A., Garber, S. R., & Pick, H. L., Jr. (1980). Delayed auditory feedback with children. Journal of Speech & Hearing Research, 23, 803-813.
- Johnson, C., Pick, H. L. Jr., Siegel, G. M. & Garber, S. R. (1981). Effects of interpersonal distance on children's vocal intensity, Child Development, 52, 721-723.
- Lockman, J. J., Rieser, J. J., & Pick, H. L. Jr. (October, 1981). Assessing blind travelers' knowledge of spatial layout. Visual Impairment and Blindness, 321-326.
- Pick, H. L., Jr., & Lockman, J. (1981). From frames of reference to spatial representations. In L. S. Liben, A. H. Patterson, & N. Newcombe (Eds.), Spatial representation and behavior across the lifespan: Theory and application. New York: Academic Press.
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- Pick, H. L. Jr., & Lockman, J. J. (1982). Development of spatial cognition in children. In J. C. Baird & A. D. Lutkas (Eds.), Mind, child and architecture. Hanover, N.H.: University of New England Press.
- Pick, H. L. Jr., & Rieser, J. J. (1982). Children's cognitive mapping. In M. Potegal (Ed.), Spatial abilities. New York: Academic Press.
- Pick, H. L., Jr., Siegel, G. M., & Garber, S. R. (1982). Development of speech production as a perceptual-motor task. In J. A. S. Kelso & J. Clark (Eds.), Motor development. New York: Wiley.
- Siegel, G. M., Schork, E. J., Pick, H. L. Jr., & Garber, S. R. (1982). Parameters of auditory feedback. Journal of Speech Hearing Research, 25, 473-475.

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- Pick, H. L. Jr. (1983). Comparative and developmental approaches to spatial cognition. In H. L. Pick, Jr., & L. P. Acredolo, (Eds.), Spatial orientation: Theory research and application. New York: Plenum Press.
- Pick, H. L. Jr., & Acredolo, L. P. (Eds.) (1983). Spatial orientation: Theory, research and application. New York: Plenum Press.
- Pick, H. L. Jr., & Lockman, J. J. (1983). Map reading and spatial cognition: Discussion. In H. L. Pick, Jr. & L. P. Acredolo, (Eds.), Spatial orientation: Theory research and application. New York: Plenum Press.
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- Pick, H. L., Jr. (1986). Reflections on theory and data of cross-modal infancy research. In L. Lipsitt & C. Rovee-Collier (Eds.), Advances in infancy research.

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- Pick, H. L. Jr. (1989). Motor development: The control of action. Developmental Psychology, 25, 867-890.
- Pick, H. L., Jr., Siegel, J. M., Fox, P. W., Garber, S. R., & Kearney, J. (1989). Inhibiting the Lombard effect. Journal of the Acoustical Society of America, 85, 894-900.
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