

Curriculum Vitae

Edith D. Neimark
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Education

1949 B.A., Skidmore College, Saratoga Springs, NY. Cum Laude ,
1952 M.A. , Indiana University, Bloomington, Indiana
1953 Ph.D., Indiana University (W. K. Estes, dissert. Chair)

Occupational History

1947-49 Departmental Assistant, Skidmore College
1949 Attendant, Grafton State Hospital, Grafton, MA
1949-52 Graduate Assistant, Indiana University
1952 Research Asst. to W. K. Verplanck, Harvard University
1952 Teaching Fellow, Indiana University
1953 University Fellow, Indiana University
1953-55 Instructor, Tulane University
1955-56 Asst. Prof., Goucher College, Towson, Maryland
1956-58 Research Psychologist, AFP & TRC, Lackland AFB,
San Antonio
1958-64 Asst. -Assoc. Prof., New York University
1964-65 Assoc. Prof., Douglass College, Rutgers
1965-91 Prof., Rutgers, the State University
1966-71 Department Chair, Psychology Dept . , Douglass College
1971-76 Area Coordinator, Developmental Program
1981-82 Area Coordinator, Developmental Program
1992 Visiting Professor, University of New Mexico, Fall -
Semester
1991 Prof. Emerita, Rutgers University

Memberships

American Psychological Assn. (Fellow 3, 7)
Eastern Psychological Assn. Society for Research in Child
Development
American Association for the Advancement of Science
(Fellow) Sigma Xi
New York Academy of Science (Fellow)
American Psychological Society
(Fellow)

Editorial Service

Editor: The Formal Operator (1978-79)
Editorial Board: Child Development (1972-87) Journal of Experimental Child
Psychology (1973-78) Archives de Psychologie (1978-80)
Psychological Record (1963-76)
Merrill Palmer Quarterly, Book Review Editor (1990-1994)

Advisory Panel

Career Development Review Committee, NIMH (1972-77)

Offices in Professional Organizations and other activities

President, Rutgers Chapter, AAUP (1972-73)
Nominating Committee, AAAS (1976-78)
Council Delegate Electorate J, AAAS (1982-85)
At Large, Executive Committee, Div. 3 APA (1976-78)
Membership Committee, APA, (1978-80)
Council Member, EPA (1976-78)
Board of Directors, Jean Piaget Society (1977-82)
Honors Examiner, Swarthmore (1968)
Psychology Visiting Committee, Lehigh U. (1975-77)
APA Visiting Scientist (1960-61)
Central Pennsylvania Psychology Lecture Series (1970)
Minnesota Symposium (1975)
Visiting Professor, U. of Iowa (1978)
E. R. Johnstone Training Center Review Committee (1968)
Chair, Panel H, SRCD program review (1982)

Honors and Awards

Lindback Award for Research, Rutgers U., 1974

Community Service

Highland Park Rent Levelling Board
President, Highland Park Chapter, League of Women Voters Recordings for the Blind and Dyslexic, reader 1991-Friends of the Zimmerli Art Museum, Board member 1995-Jewish Historical Society of Central Jersey, President 1996-New York Academy of Science. Reader of student projects.

Books and Book Chapters

- Neimark, E. D. & Estes, W. K. Stimulus Sampling Theory. San Francisco: Holden-Day, 1967.
- Neimark, E. D., De Lisi, R. & Newman, J. H. Moderators of Competence. Hillsdale, NJ: Erlbaum, 1985.
- Neimark, E. D. Adventures in Thinking. San Diego: Harcourt-Brace Jovanovich, 1987.
- Neimark, E. D. Intellectual development during adolescence. In F. D. Horowitz (Ed.), S. R. C. D. Review of Developmental Research, Vol. IV, Chicago: U. of Chicago Press, 1975, 541-594.
- Neimark, E. D. & Santa, J. L. Thinking. Annual Review of Psychology, 1975, 26, 173-205.

- Neimark, E. D. & Chapman, R. H. Development of the comprehension of logical quantifiers. In R. J. Falmagne (Ed.), Reasoning: Representation and Process in Children and Adults. Hillsdale, NJ: Erlbaum, 1975, 135-151.
- Neimark, E. D. The natural history of mnemonic activities under conditions of minimal constraint. In A. D. Pick (Ed.), Minnesota Symposia, Vol. 10. Minneapolis, Minn.: U. of Minnesota Press, 1976, 84-117.
- Neimark, E. D. The development of adult thought: Theory and evidence on Formal Operations. In G. Steiner (Ed.), Die Psychologie des 20 Jahrhunderts. Band 7, Piaget und die Folgen. Zurich: Kindler, 1978, 155-171.
- Neimark, E. D. Confounding with cognitive style factors: An artifact explanation for the apparent non-universal incidence of formal operations. In I. Sigel, D. Brodzinsky & R. Golinkoff (Eds.), New Directions in Piagetian Theory. Hillsdale, NJ: Erlbaum, 1981, 177-189.
- Moshman, D. & Neimark, E. D. Four aspects of adolescent cognitive development. In T. Fields (Ed.), Review of Human Development. New York: Wiley, 1982, 343-355.
- Neimark, E. D. Cognitive development in adulthood: Using what you've got. In T. Fields (Ed.), Review of Human Development. New York: Wiley, 1982, 435-446.
- Neimark, E. D. Adolescent thought: Transition to formal operations. In B. Wollman (Ed.), Handbook of Developmental Psychology. Englewood Cliffs, NJ: Prentice-Hall, 1982, 486-502.
- Neimark, E. D. There is one classification system with a long developmental history. In E. Scholnick (Ed.), New Directions in Piagetian Theory: Classification and Concepts. Hillsdale, NJ: Erlbaum, 1983, 111-127.
- Neimark, E. D. Moderators of competence: Challenges to the universality of Piagetian Theory. In E. D. Neimark, R. De Lisi, and J. H. Newman (Eds.), Moderators of Competence. Hillsdale, NJ: Erlbaum, 1984.
- Neimark, E. D. Teaching people to think: A cognitive style approach. In R. Hyman (Ed.), Thinking processes in the classroom. Blackwood, NJ: NJASCD, 1985, 118-129.
- Neimark, E. D. A model of the mature thinker. In E. Maimon, B. Nodine & F. O'Connor (Eds.) Thinking, Reasoning, Writing. Boston: Longman, 1989.
- Neimark, E. D. (1991). Critical thinking as the cognitive psychologist approaches it. In W. Oxman-Michelli & M. Weinstein (Eds.), Critical thinking: Focus on social and cultural inquiry. Montclair, NJ: Institute for Critical Thinking (497-505).

Journal Articles

- Neimark, E. D. & Saltzman, I. J. Intentional and incidental learning with different rates of stimulus presentation. American Journal of Psychology, 1953, 66, 618-621.
- Neimark, E. D. Effects of type of reinforcement and number of alternative responses in two verbal conditioning situations. Journal of Experimental Psychology, 1956, 52, 209-220.
- Neimark, E. D. & Shuford, E. H. Comparison of predictions and estimates in a probability learning situation. Journal of Experimental Psychology, 1959, 57, 294-298.
- Neimark, E. D. & Rosenberg, S. The effect of "social" discriminative cues on probability learning. Journal of Experimental Psychology, 1959, 58, 302-311.
- Neimark, E. D. Information-gathering in diagnostic problem-solving: a preliminary report. Psychological Record, 1961, 11, 243-248.
- Neimark, E. D. Effect of incentives upon the role of "social" cues and reinforcers in probability learning. Psychological Reports, 1962, 10, 215-221.
- Neimark, E. D. Fillenbaum on probability learning. American Journal of Psychology, 1960, 7(), 640.
- Neimark, E. D. & Wagner, H. Information gathering in diagnostic problem solving as a function of number of alternative solutions. Psychonomic Science, 1964, 1, 329-330. Reprinted in C. Penney (Ed.), Psychology 2430 Vol. 1, St. Johns, Newfoundland, 1978.
- Neimark, E. D., Greenhouse, P., Law, S. & Weinheimer, S. Effect of rehearsal preventing task upon retention of CVC syllables. Journal of Verbal Learning and Verbal Behavior, 1965, 4, 280-285.
- Neimark, E. D. & Lewis, N. The development of logical problem solving strategies. Child Development, 1967, 38, 107-117. Reprinted in M. Gold & E. Douvan (Eds.), Adolescent Development: Readings in research and theory. Boston: Allyn and Bacon, 1969.
- Neimark, E. D. & Lewis, N. The effect of incentives upon information gathering in diagnostic problem solving. Journal of genetic Psychology, 1967, 111, 195-202.
- Neimark, E. D. Effect of differential reinforcement upon information gathering in diagnostic problem solving. Journal of Experimental Psychology, 1967, 74, 106-113.

- Neimark, E. D. & Lewis, N. Development of logical problem solving: A one year retest. Child Development, 1968, 39, 527-536.
- Ostfeld, B. M. & Neimark, E. D. Effect of response time restriction upon cognitive style scores. Proceedings of the 75th Annual Convention, American Psychological Assn., 1967, 169-170.
- Saunders, R. S. & Neimark, E. D. Effect of misinformative feedback and awareness of misinformation on concept attainment strategy. Proceedings of the 75th Annual Convention, American Psychological Assn., 1967, 49-50.
- Neimark, E. D. & Horn, M. Development of discrimination and oddity learning set in a two-year-old girl. Psychonomic Science, 1969, 17, 109-110.
- Neimark, E. D. Model for a thinking machine: An information processing framework for the study of cognitive development. Merrill-Palmer Quarterly, 1970, 16, 345-368.
- Neimark, E. D. A preliminary search for formal operations structures. Journal of Genetic Psychology, 1970, 116, 223-232.
- Neimark, E. D. & Slotnick, N. Development of the understanding of logical connectives. Journal of Educational Psychology, 1970, 61, 451-460.
- Neimark, E. D. Development of comprehension of logical connectives: understanding of "or." Psychonomic Science, 1970, 21, 217-219.
- Neimark, E. D., Slotnick, N. & Ulrich, T. The development of memorization strategies. Developmental Psychology, 1971, 5, 427-432. Reprinted in H. Mussen, J. J. Conger & Kagan (Eds.), Basic and Contemporary Issues in Developmental Psychology. New York: Harper & Row, 1975.
- Neimark, E. D. An information processing approach to cognitive development. Transactions of the N. Y. Academy of Science, 1971, 33, 516-528. Reprinted in N. S. Endler, L. R. Boulter & H. Osser (Eds.), Contemporary Issues in Developmental Psychology. New York: Holt, Rinehart & Winston, 1975.
- Neimark, E. D. Natural language concepts: Additional evidence. Child Development, 1974, 45, 508-511.
- Neimark, E. D. Longitudinal development of formal operations thought. Genetic Psychological Monographs, 1975, 91, 171-225.
- Neimark, E. D. Improper questions cannot be properly answered. The Behavioral and Brain Sciences, 1978, 2, 195-196.
- Neimark, E. D. Current Status of Formal Operations research. Human Development, 1979, 22, 60-67.

- Neimark, E. D. Intellectual development in the exceptional adolescent as viewed within a Piagetian framework. Exceptional Education Quarterly, 1980, 31, 47-56.
- Neimark, E. D. & Burdman, L. J. What was this lecture all about? Immediate recall of meaningful material. Academic Psychology Bulletin, 1980, 2, 297-302.
- Neimark, E. D. On first looking into Origins of Intelligence, with apologies to Keats. The Genetic Epistemologist, 1980, 9, 11.
- Neimark, E. D. Everyday thinking by college women: Analysis of journal entries. Merrill-Palmer Quarterly, 1981, 27, 471-488.
- Kepner, M. D., & Neimark, E. D. Test-retest reliability and differential patterns of score change on the Group Embedded Figures Test. Journal of Personality and Social Psychology, 1984, 47(6), 1405-1413.
- Neimark, E. D. Judgment and Evaluation: An important but neglected component of thinking. Human Intelligence Newsletter, 1988, 9(1), 3-4.
- Neimark, E. D. Comment on Concepts and Conceptual Structure Alternative View (1989). American Psychologist, 1990, 45(9), 1077-8.
- Zissman, A. & Neimark, E. D. The influence of familiarity on Evaluation of liking and goodness of several types of music. Psychological Record, 1990, 40, 481-491.

Book Reviews (All in Psychological Record except as noted)

- 1956 Hilgard, Theories of Learning, 2nd Edition.
- 1957 Bruner, Goodnow & Austin, A Study of Thinking.
- 1959 Bugelski, Learning.
Hebb, A Textbook of Psychology.
- 1960 Skinner, Verbal Behavior.
- 1962 Criswell, Suppes & Solomon (Eds.) Mathematical Methods in Small Group Processes.
- 1963 Dethier, To Know a Fly.
Millwe, G. A. Psychology, The Science of Mental Life.
- 1964 Hays, Statistics for Psychologists.
Hill, Learning: A Survey of Psychological Interpretations.
- 1965 Atkinson, Studies in Mathematical Psychology.
Fredriksen & Gulliksen (Eds.) Readings in Mathematical Psychology I, II.
Miller, Mathematics and Psychology.
Siegel, Siegel & Andrews, Choice, Strategy and Utility. American Scientist, 1965, 53, 132A-133A, Review of three books in mathematical psychology.
- 1966 Atkinson, Bower & Crothers. An Introduction to Mathematical Learning Theory.

- Luce, Bush & Galanter (Eds.) Handbook of Mathematical Psychology.
- 1970 Kleinmütz, Problem Solving: Research, method and theory. Sigel, I. & Hooper, Logical Thinking in Children. In American Journal of Psychology.
- 1972 Saltz, E. The Cognitive Bases of Human Learning. In Behavior Therapy.
- 1975 Klausmeier et al. Conceptual Learning and Development in Contemporary Psychology, 1975, 20, 781-2.
- 1976 Radford & Burton. Thinking: Its Nature and Development. In Contemporary Psychology, 1975, 20, 781-2.
- 1976 McLeish, J. Soviet Psychology: History, Theory, Content. In Contemporary Psychology, 1976, 21, 486-7.
- 1987 Holliday, S. G. Wisdom: Explorations in Adult Competence in Contemporary Psychology, 1987.
- 1992 J. Voss, D. Perkins, & Segal (Eds.) Informal Reasoning and Education. In Merrill-Palmer Quarterly: 38, 567-571.
- 1994 Sternberg, R. J. & Berg, C. A. (Eds.) Intellectual development. New York: Cambridge, 1992. In Merrill-Palmer Quarterly, 40, 294-298.