

**CURRICULUM VITAE
MICHAEL I. POSNER**

Born: September 12, 1936
Cincinnati, Ohio

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Education:

1957 University of Washington, Seattle, B.S. Physics
1959 University of Washington, Seattle, M.S. Psychology
1962 University of Michigan, Ann Arbor, Ph.D., Psychology

Experience:

1957-59 Associate Research Engineer, Boeing Airplane Company
1959-60 USPHS Predoctoral Fellow, University of Michigan
1960-61 Teaching Fellow, University of Michigan
1962-65 Assistant Professor of Psychology, University of Wisconsin
1965-68 Associate Professor of Psychology, University of Oregon
1968- Professor of Psychology, University of Oregon (**EMERITUS 2000**)
1969-70 Director of Office of Scientific and Scholarly Research, Univ. of
Oregon
1968-69 NSF Senior Postdoctoral Fellow, Applied Psychol Unit, Cambridge,
England
1974-75 Visiting Professor, Yale University
1976 (Fall) Visiting Professor, University of Delhi, Delhi, India
1979 (Jan.-June) Visiting Professor, Cornell Medical College - Rockefeller University
1979-1985 Director, Neuropsychology Laboratory, Good Samaritan Hospital
1985 Visiting Professor, University of Minnesota
1985-1989 Professor of Neuropsychology and Psychology, Department of
Neurology Neurosurgery, Washington University, St. Louis
1989-1995 Director, Institute of Cognitive and Decision Sciences, University of
Oregon
1995-98 Head Dept of Psychology, University of Oregon

1997-2000	Distinguished Professor, College of Arts and Science, Univ. of Oregon
1998-2002	Professor of Psychology in Psychiatry, Weill Medical College of Cornell University, New York Founding Director, Sackler Institute
2002	Adjunct Professor, Weill Medical College
2003	Faculty Coordinator Brain, Biology and Machine Initiative University of Oregon

Honors and Awards:

- Donald G. Marquis Award, University of Michigan, 1961-62, "For the most distinguished dissertation"
- American Institute for Research, Dissertation award in the area of Learning, Perception and Motivation, 1962
- Paul M. Fitts Award, Human Factors Society (for contributions to training of Human Factors Specialists)
- Member: Oregon, Western and American Psychological Association (Fellow, Division 3): AAAS (Fellow 1976): Psychonomics Society (Governing Board, 1973-79), Cognitive Science Society; Neuroscience Society, American Psychological Society
- Editor, Journal of Experimental Psychology: Human Perception and Performance, 1974-1979
- Ersted Award for distinguished teaching, University of Oregon, 1975
- 3rd Paul M. Fitts Lecturer, University of Michigan, Fall, 1976
- Sir F.C. Bartlett Lecturer, University of Oxford, July, 1979
- John Simon Guggenheim Fellow, 1979-1980
- A.P.A. Distinguished Scientific Contribution Award, 1980
- Elected to U.S. National Academy of Sciences, 1981
- NRSA Senior postdoctoral fellowship, 1982-84
- Association Lecture International Attention and Performance Society, 1982
- Elected Chair Section J (Psychology) American Association for the Advancement of Science - Term February, 1987-February, 1988
- Fellow American Academy of Arts and Sciences, 1986
- Distinguished Foreign Lecturer British Psychology Society. Cognitive Section, September, 1986
- 8th McKinnon Lecture, University of Missouri, Department of Psychology, April, 1987
- Harold Schlossberg Lecture, Brown University, Department of Psychology, May, 1987
- Presidential Symposium Neuroscience Society, November, 1987
- Howard Crosby Warren Medal of the Society of Experimental Psychologists, 1988
- Member, Institute of Medicine, National Academy of Science, 1988
- Hilgard Visiting Professor, Stanford University, May, 1988
- 2nd Quad 4 lecture, University of New Mexico, October 1988
- Invited Lecturer, Congress on Cerebral Blood Flow, Bologna, Italy, May, 1989
- Invited Lecturer, Experimental Psychology Society, Cambridge University, July, 1989
- Howard Vollum award for exceptional achievement of a member of the scientific and technical community of the Pacific Northwest, 1989
- Invited Paper, Decade of the Brain Conference, Institute of Medicine, July, 1990

- Invited Plenary Lecture 25th International Congress of Psychology, Brussels, Belgium, July 1992, with M.K. Rothbart
- Nijmegen Lectures - Max Planck Institute for Psycholinguistics, Nijmegen, Holland, December 1992.
- Invited Visitor Norway Symposium on Psychopathology, February, 1993
- Distinguished Scientific Lecture American Psychological Association, May, 1992
- Organizer Cognitive Neuroscience Symposium International Union of Physiological Sciences. Glasgow Scotland, July, 1993.
- Invited Presidential Address - Society for Neuroscience, Washington, DC, Nov. 1993
- James McKeen Cattell Fellow 1993-94
- Scientist of the Year Award, Oregon Academy of Sciences, 1995
- McDonnell-Pew Lecture-European Society for Psychology and Philosophy, 1995
- Phi Beta Kappa Lecturer, 1995-96
- Dedication Lecturer - Welcome Trust Center for Brain Imaging University of London, April, 1996.
- William James Book Award, 1996 American Psychological Association for the book Images of Mind.
- Donald Broadbent Lecture - European Cognitive Psychology Society, Wurzburg Germany, September, 1996.
- Dana Foundation Award for pioneering research in medicine (neuroscience)
- John T. McGovern Medal and Lecture American Assoc. for the Advancement of Science, February, 1998
- Walker-Ames Visiting Professor, University of Washington, April, 1998
- Lanier Lecturer, University of Illinois, April, 1998
- Honorary Doctoral Degree, University of Padova, Italy, 1998
- Karl Lashley Award, American Philosophical Society (joint with M. E. Raichle), November, 1998
- Elliot Lecture, University of Pennsylvania School of Medicine, February, 1999
- W.R. Jeffry Lecture UCLA, February, 1999
- Distinguished Lecturer, Ben Gurion University, November-December, 1999
- Honorary Doctoral Degree, University of Granada, Spain, November, 1999
- Pasarow Foundation Award in Medical Research (Neuropsychiatry) with M.E. Raichle, June, 2000
- Hebb Lecture, Dalhousie University, March, 2000
- Salmon Lecture, NY Academy of Medicine, December, 2000
- De Lange Lecture, University of Houston, March, 2001
- Centenary Lecture on Attention, British Psychology Society, April, 2001
- Grawemeyer Award for psychology contribution /w/ Raichle & Petersen
- Honorary Degree University of Nottingham, July 2002
- Honorary Degree University of Paris, Dec 2002
- Presidential Symposium American Psychological Association, 2003
- Fyssen Foundation International Prize for studies of Human Consciousness, 2004
- George A. Miller Lecture, Cognitive Neuroscience Society, 2004
- American College of Psychoanalysis Laughlin Distinguished Citizen Award and Honorary Membership, 2004
- Patricia Goldman Rakic Award NARSAD [with M.E. Raichle], 2004

- *Plenary lecture Psychonomics Society Nov. 2005
- *Plenary lecture Society for Judgment and Decision Making Nov 2005
- *Arthur Lecture American Museum of Natural History March 2007
- * Honorary Doctoral Degree Ben Gurion University Beer Sheva Israel 2007
- * Honorary Doctoral Degree Vrije University of Brussels Nov. 2007
- * First Mattie Dogan Prize in Psychology 2008
- * First Paul B. Baltes lecture International Congress of Psychology 2008
- * 7th Paul M. Fitts Lecture, Univ of Mich. Sept. 2008
- * Honorary Doctor of Science Univ. of Mich. May 2009

National Service:

- National Research Council Committee on Human Factors, 1982-83
- National Research Council Committee on Enhancement of Human Performance, 1985-1987
- National Research Council Subcommittee on Learning and Memory of Committee on Research Opportunities in the Social and Behavioral Science, 1985
- National Research Council Subcommittee on Neurobiology and Behavior of the Committee on Research Opportunities in Biology
- McArthur Foundation Committee of Scientific Advisers to the Health Program, 1986-1990
- Reviews of Program of Psychology Departments:
 - Rochester University, 1983
 - University of California at Santa Cruz, 1983
 - McGill University, 1984
 - Northwestern University, 1985
 - University of Minnesota, 1986
 - University of Iowa, 1988
 - UCSD (Cognitive Science), 1994
 - Chair, visiting committee Harvard University Psychology Dept., 1995-98
 - Chair review committee Brown University, 1999
 - Vanderbilt University, 1999
 - U.S.C., 2000
 - University of California, Davis, Neuroscience Program, 2001
 - University of Washington, Department of Psychology, 2004
- Surrogate Delegate Oxford University Press, 1990-1996
- Chair, James S. McDonnell Foundation Committee on Cognitive Neuroscience of Attention and Perception, 1987-1989
- Board of Reviewing Editors, Science, 1988-1989
- Membership Chair Section 53 National Academy of Sciences, 1992-94
- Nominating Committee Society for Neuroscience, 1993
- National Research Council Committee on Early Child Pedagogy, 1998-00
- PNAS Board of Editors 2000-2002
- Monitor NRC report on polygraphy 2002
- Society for Neuroscience Lindsley Award Committee 2001-

- Board of NEA Foundation 2004-2006
- Advisory Board Life Center, University of Washington 2004-200
- * Board of NEA Foundation 2004-2006
- * NAS nominating committee 2008

Publications:

- Culbert, S.S. & Posner, M.I. (1960). Human habituation to an acoustical energy distribution spectrum. *Journal of Applied Psychology*, **44**: 263-266.
- Posner, M.I. (1963). Immediate memory in sequential tasks. *Psychological Bulletin*, **60**:333-349.
- Posner, M.I. (1963). An information approach to thinking. *Air Force Office of Scientific Research Report 2635*, ASTIA, Document 276136, 1962. Extended abstract in Creative Talent Awards Series #2, Washington: AIR.
- Posner, M.I. (1964). Uncertainty as a predictor of similarity in the study of generalization. *Journal of Experimental Psychology*, **68**: 113-118.
- Posner, M.I. (1964). Information reduction in the analysis of sequential tasks. *Psychological Review*, **71**:491-504. Reprinted in Bobbs-Merrill reprint series.
- Posner, M.I. (1964). Effect of rate of presentation and order of recall in immediate memory. *British Journal of Psychology*, **55**:303-306. Reprinted in R. Haber (ed.), *Information Processing Approaches to Perception*.
- Posner, M.I. & Rossman, E. (1965). The effect of size and location of interpolated information reduction transforms upon short term retention. *Journal of Experimental Psychology*, **70**: 496-505.
- Posner, M.I. (1965). Memory and thought in human intellectual performance. *British Journal of Psychology*, **56**: 197-215.
- Posner, M.I. (1966). Components of skilled performance. *Science*, **152**: 1712-1718. Reprinted in R.N. Singer (ed.), *Readings in Motor Learning*.
- Posner, M.I. & Konick, A.F. (1966). Short term retention of visual and kinesthetic information. *Journal of Organization Behavior and Human Performance*, **1**: 71-86.
- Posner, M.I. (1966). An informational analysis of the perception and classification of patterns. *Proceedings of the XVIII the International Congress Symposium on Information Theory and Perception*, Moscow.
- Fitts, P.M. & Posner, M.I. (1967). *Human Performance*, Belmont, CA Brooks/Cole.
- Posner, M.I., Goldsmith, R., & Welton, K.E. (1967). Perceived distance and the classification of distorted patterns. *Journal of Experimental Psychology*, **72**: 28-38.
- Posner, M.I. (1967). Short term memory systems in human information processing. *Proceedings of the Symposium on Attention and Performance*, Soesterberg, The Netherlands. *Acta Psychologica*, **27**: 267-284. Reprinted in R. Haber (ed.), *Information Processing Approaches to Perception*.
- Posner, M.I. (1967). Concept identification: Information processing approaches. *Encyclopedia of Linguistics, Information and Control*. London: Pergammon.

- Posner, M.I. (1967). Perception and cognition as processing levels. Paper delivered at the conference on "Approaches to Cognition," October 1967. In Voss (ed.), *Approaches to Thought*, New York: Merrill.
- Posner, M.I. (1967). Characteristics of visual and kinesthetic memory codes. *Journal of Experimental Psychology*, **75**: 103-107.
- Posner, M.I. & Mitchell, R.F. (1967). Chronometric analysis of classification. *Psychological Review*, **74**: 392-409.
- Posner, M.I. & Keele, S.W. (1967). Decay of visual information from a single letter. *Science*, **158**: 137-139. Reprinted in R. Haber_(ed.), *Information Processing Approaches to Perception*.
- Keele, S.W. & Posner, M.I. (1968). Processing of visual feedback in rapid movements. *Journal of Experimental Psychology*, **77**: 155-158.
- Posner, M.I. & Keele, S.W. (1968). On the genesis of abstract ideas. *Journal of Experimental Psychology*, **77**: 353-363.
- Posner, M.I., Boies, S.W., Eichelman, W., & Taylor, R. (1969). Retention of visual and name codes of single letters. *Journal of Experimental Psychology Monography*, **79**:1-16. Reprinted in M. Coltheart (ed.), *Readings in Cognition*, New York: Holt, Rinehart and Winston, 1972.
- Posner, M.I. & Keele, S.W. (1969). Attention demands of movements. *Proceedings of the 16th International Congress of Applied Psychology Symposium on Work and Fatigue*. Amsterdam, Swets: Zeitlinger.
- Posner, M.I. (1969). Representational systems for storing information in memory. In Talland and Waugh (eds.), *Psychopathology of Memory*, New York: Academic Press.
- Posner, M.I. & Taylor, R.L. (1969). Subtractive method applied to separation of visual and name components of multi letter arrays. Paper presented to Donders Centenary Symposium, Eindhoven, The Netherlands, August, 1968. *Acta Psychologica*, **30**:104-114.
- Posner, M.I. (1969). Abstraction and the process of recognition. In G. Bower (ed.), *Advances in Learning*, New York: Academic Press.
- Posner, M.I. (1969). Reduced attention and the performance of "automated movements". *Journal of Motor Behavior*, **1**: 245-258.
- Posner, M.I. & Keele, S.W. (1970). Retention of abstract ideas. *Journal of Experimental Psychology*, **83**: 304-308.
- Posner, M.I. (1970). On the relationship between letter names and superordinate categories. *Quarterly Journal of Experimental Psychology*, **22**: 279-287.
- Posner, M.I. (1971). Perception. In, *Yearbook of Science and Technology*,_New York: McGraw Hill.
- Posner, M.I. (1971). Cognition: Hard boiled and soft shelled. A review of Antrobus, J. *Cognition and Affect: Contemporary Psychology*, **16**: 547-548.
- Posner, M.I. & Boies, S.J. (1972). Components of attention. *Psychological Review*, **78**: 391-408. Reprinted in M. Coltheart (ed.), *Readings in Cognition*. New York: Holt, Rinehart and Winston.
- Posner, M.I. & Keele, S.W. (1972). Skill learning. In R. Travers (ed.), *Handbook of Research in Teaching*, (American Research Association). New York: Rand McNally.

- Posner, M.I., Lewis, J., & Conrad, C. (1972). Component processes in reading: A performance analysis. In J. Kavanaugh and I. Mattingly (eds.), *Language by Ear and by Eye*. Boston: MIT Press, (pp; 159-192).
- Posner, M.I. & Warren, R. (1972). Traces, concepts and conscious constructions. In A.W. Melton and E. Martin (eds.), *Coding Theory and Learning and Memory*. New York: Winston, (pp 25-43).
- Posner, M.I. (1972). After the revolution...What? A review of D. Broadbent (ed.), *Decision and Stress, Contemporary Psychology*, **17**: 185-188.
- Posner, M.I. (1973). Natural and artificial. In R. Solso (ed.), *Contemporary Issues in Cognitive Psychology: The Loyola Symposium*, New York: Wiley.
- Posner, M.I. & Klein, R. (1973). On the functions of consciousness. In S Korkblum (ed.), *Attention and Performance IV*, New York: Academic Press.
- Osgood, G.W., Posner, M.I., & Lyon, D.R. (1973). Computers in the training of experimental inquiry in psychology. *Proceedings of the Fourth Conference of Computers in the Undergraduate Curriculum*, Claremont, California.
- Posner, M.I. (1973). Coordination on internal codes. In W.G. Chase (ed.), *Visual Information Processing*, New York: Academic Press (pp. 35-73).
- Posner, M.I., Klein, R., Summers, J., & Buggie, S. (1973). On the selection of signals. *Memory and Cognition*, **1**: 2-12.
- Klein, R. & Posner, M.I. (1974). Attention to visual and kinesthetic components of skills. *Brain Research*, **7**:401-411.
- Posner, M.I. (1974). *Cognition: An introduction*. Glenview, IL: Scott-Foresman.
- Posner, M.I. (1974). The memory system. A review of J. Anderson and G. Bower's *Human Associative Memory*. *Science*, **183**: 1283-1284.
- Posner, M.I. & Snyder, C.R.R. (1975). Facilitation and inhibition in the processing of signals. *Attention and Performance V*, New York Press, (pp. 669-681).
- Posner, M.I. (1975). Psychobiology of attention. In M. Gazzaniga and C. Blakemore (eds.), *Handbook of Psychobiology*. New York: Academic Press, (pp. 441-480).
- Posner, M.I. (1975). Temporal course of information processing in the human nervous system. In G.F. Inbar (ed.), *Signal Analysis in Pattern Recognition and Biochemical Engineering*. Jerusalem: Israel Universities Press, (pp. 157-176).
- Posner, M.I., & Snyder, C.R.R. (1975). Attention and cognitive control. In R. Solso (ed.), *Information Processing and Cognition: The Loyola Symposium*. Hillsdale, N.J.: Lawrence Erlbaum Associates.
- Posner, M.I., Nissen, M.J., & Klein, R. (1976). Visual dominance: An information processing account of its origins and significance. *Psychological Review*, **83**: 157-17. Proceedings of the International Congress of Physical Activity Sciences, Quebec City, 1976.
- Posner, M.I., Nissen, M.J., & Ogden, W.C. (1977). Attended and unattended processing modes: the role of set from spatial location. In H.J. Pick (ed.), *Modes of Perception*. Hillsdale, N.J.: Lawrence Erlbaum Associates.
- Posner, M.I. (1977). Applying theories and theorizing about applications. In L. Resnick and P. Weaver (eds.), *Theory and Applications of Reading*.
- Posner, M.I. & McLean, J. (1977). Cognition: Steady progress or fresh start? A review of U. Neisser's, *Cognition and Reality, Contemporary Psychology*.

- Posner, M.I. (1978). *Chronometric Explorations of Mind*. Hillsdale, N.J.: Lawrence Erlbaum Associates.
- Carr, T.H., Posner, M.I., Pollatsek, A. & Snyder, C.R.R. (1979). Orthography and familiarity effects in words processing. *Journal of Experimental Psychology: General*, **108**: 389-414.
- Posner, M.I. (1979). Comparing chronometric methods. *Commentary: The Behavioral and Brain Sciences*, **2**: 276.
- Sen, A. & Posner, M.I. (1979). The effect of unattended auditory and visual words on cross modal naming. *Bulletin of the Psychonomic Society*, **13**: 405-408.
- Posner, M.I. & Shulman, G.L. (1979). Cognitive Science. In E. Hearst (ed.), *The First 100 Years of Experimental Psychology*, (pp. 371-406).
- Posner, M.I. & Cohen, Y. (1980). Attention and the control of movements. In G.E. Stelmach and J. Requin (eds.), *Tutorials in Motor Behavior*. Amsterdam: North Holland, (pp. 243-258).
- Posner, M.I., Davidson, B.J. & Snyder, C.R.R. (1980). Attention and the detection of signals. *Journal of Experimental Psychology: General*, **109**: 160-174.
- Posner, M.I. (1980). Orienting of attention. The 7th Sir F.C. Bartlett Lecture. *Quarterly Journal of Experimental Psychology*. **32**: 3-25.
- Posner, M.I. & Hanson, V.L. (1980). Analyzing spoken and written language. In R. A. Cole (ed.), *Perception and Production of Fluent Speech*. Hillsdale, N.J.: Lawrence Erlbaum Associates, (pp. 201-211).
- Posner, M.I. (1980). Mental chronometry and the problem of consciousness. In R. Klein and P. Juszyck (eds.), *Structure of Thought: Essays in Honor of D.O. Hebb*, Hillsdale, N.J.: Lawrence Erlbaum Associates, (pp. 95-113).
- Posner, M.I. & Osgood, G. (1980). Computers in the training of inquiry. *Behavioral Research and Instrumentation*, **12**: 87-905.
- Posner, M.I. & Rothbart, M.K. (1980). The development of attentional mechanisms. In J.H. Flowers (ed), *Nebraska Symposium on Motivation*. Lincoln Neb.: Nebraska University Press, (pp. 1-49).
- Posner, M.I. (1981). Cognition and neural systems. *Cognition*, **10**: 261-266.
- Posner, M.I. (1981). Cognition and personality. In N. Cantor and J. Kihlstrom (eds.), *Personality, Cognition and Social Interaction*. Hillsdale, N.J.: Lawrence Erlbaum, (pp. 339-348).
- Posner, M.I. (1982). Cumulative development of attentional theory. *American Psychologist*, **32**: 53-64.
- Posner, M.I., Cohen, Y., & Rafal, R.D. (1982). Neural systems control of spatial orienting. *Proceedings of the Royal Society of London*, **298**: 187-198.
- Posner, M.I. & McLeod, P. (1982). Information processing models: In search of elementary operations. *Annual Review of Psychology*, **33**: 477-514.
- Posner, M.I., Pea, R. & Volpe, B. (1982). Cognitive neuroscience: Developments toward a science of synthesis. In J. Mehler, E. Walker and M. Garrett (eds.), *Perspectives on Mental Representations*. Hillsdale, N.J.: Lawrence Erlbaum Associates, (pp. 251-275).
- Posner, M.I. & Henik, A. (1983). Isolating representational systems. In J. Beck, B. Hope and A. Rosenfeld (eds.), *Human and Machine Vision*, New York: Academic Press, (pp.395-412).

- McLeod, P. & Posner, M.I. (1984). Privileged loops from percept to act. In H. Bouma and D. Bowhuis (eds.), *Attention and Performance X*, Hillsdale, N.J.: Lawrence Erlbaum Associates, (pp. 55-66).
- Posner, M.I. & Cohen, Y. (1984). Components of attention. In H. Bouma and D. Bowhuis (eds.), *Attention and Performance X*. Hillsdale N.J.:Lawrence Erlbaum Associates, (pp. 531-556).
- Posner, M.I., Cohen, Y., Choate, L., Hockey, R., & Maylor, E. (1984). Sustained concentration: Passive filtering or active orienting. In S. Kornblum and J. Requin (eds.), *Preparatory States and Processes*, Hillsdale, N.J.: Lawrence Erlbaum Associates, (pp. 49-65).
- Posner, M.I. (1984). Neural systems and cognitive processes. In K. Lagerspetz and P. Niemi (eds.), *Psychology in the 1990's*, Amsterdam:North Holland, (pp. 241-251).
- Posner, M.I., Walker, J.A., Friedrich, F. J. & Rafal, R.D. (1984). Effects of parietal lobe injury on covert orienting of visual attention. *Journal of Neuroscience*, **4**: 1863-1874.
- Posner, M.I. (1984). Mechanisms of attention. In H. Stevenson and C. C. Ching (eds.), *Studies of Cognition*. Proceedings of a joint meeting of the Chinese and U.S. Academy of Sciences. Washington, D.C.: American Psychological Association, (pp. 373-380).
- Posner, M.I. (1984). Current research in the study of selective attention. In E. Donchin (ed.), *Cognitive Psychophysiology: Event-related Potentials and the Study of Cognition*, **2**: 37-50. Hillsdale, N.J.:Lawrence Erlbaum.
- Rafal, R.D., Posner, M.I., Walker, J.A., & Friedrich, F.A. (1984). Cognition and the basal ganglia: separating mental and motor components of performance in Parkinson's disease. *Brain*, **107**: 1092-1094.
- Posner, M.I. (1984). Selective attention and the storage of information. In J. McGaugh, G. Lynch and N. Weinberger (eds.), *Neurobiology of Learning and Memory*, New York: Guilford Press, (pp. 89-101).
- Friedrich, F.J., Walker, J.A., & Posner, M.I. (1985). Effects of parietal lesions on visual matching: Implications for reading errors. *Cognitive Neuropsychology*, **2**: 250-264.
- Posner, M.I., Rafal, R.D., Choate, L. & Vaughan, J. (1985). Inhibition of return: Neural mechanisms and function. *Cognitive Neuropsychology*, **2**: 211-228.
- Posner, M.I. (1985). Chronometric measures of "g". Commentary on A.R. Jensen's, *The Nature of Black White Differences on Various Psychometric Tests: Spearman's Hypothesis*. *The Behavioral and Brain Sciences*, (pp. 237-238).
- Posner, M.I. & Marin, O.S.M (eds.) (1985). *Attention and Performance XI: Mechanisms of Attention*. Hillsdale, N.J.: Lawrence Erlbaum.
- Rothbart, M.K. & Posner, M.I. (1985). Temperament and the development of self regulation. In H. Hartledge and C.R. Telzrow (eds.), *Neuropsychology of Individual Differences*, New York: Plenum.
- Posner, M.I. (1986). *Chronometric Explorations of Mind*. Paperback edition. New York: Oxford.
- Posner, M.I. (1986). A framework for relating cognitive and neural systems. *EEG and Clinical Neurophysiology*, **38**: 155-166, Supplement.
- Posner, M.I. (1986). Empirical studies of prototypes. In C. Craig (ed.), *Noun Classification and Categorization*. Amsterdam: Benjamins, (pp. 53-61).

- Posner, M.I. & Friedrich, F.J. (1986). Attention and the control of cognition. In S.L. Friedrich, K.A. Klivington, and R.W. Peterson (eds.), *The Brain, Cognition and Education*. New York: Academic Press. (pp. 81-103).
- Prinzmetal, W., Presti, D. & Posner, M.I. (1986). Does attention affect feature integration? *Journal of Experimental Psychology: Human Perception and Performance*, **12**: 361-369.
- Posner, M.I. (ed.), (1986). Section on information processing. In: K. Boff, J. Thomas, and L. Kaufman (eds.), *Handbook of Perception and Performance*, **2**: 3-10, New York: Wiley.
- Posner, M.I. & Rothbart, M.K. (1986). The concept of energy in psychological theory. In Hockey, G.R.J., Gaillard, A.W.K., and M.G.N. Coles, (eds.), *Energetics and Human Information Processing*. North Holland, Dordrecht: Martinus Nijhoff, (pp. 23-40).
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- Posner, M.I. & Presti, D. (1987). Selective attention and cognitive control. *Trends in Neuroscience*, **10**: 12-17.
- Posner, M.I., Walker, J.A., Friedrich, F.J. & Rafal, R.D. (1987). How do the parietal lobes direct covert attention? *Neuropsychologia*, **25A**: 135-146.
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- Posner, M.I. (1987). Preface to paperback edition of D.E. Broadbent, *Perception and Communication*. Oxford University Press.
- Posner, M.I., Inhoff, A., Friedrich, F.J. & Cohen, A. (1987). Isolating attentional systems: A cognitive-anatomical analysis. *Psychobiology*, **15**: 107-121.
- Sandson, J. & Posner, M.I. (1987). Procedures for the study of brain-behavior relations. Book review in *Contemporary Psychology*, **32**: 717-718.
- Rafal, R.D. & Posner, M.I. (1987). Deficits in human spatial attention following thalamic lesions. *Proc. Nat. Acad. of Sci.*, **84**: 7349-7353.
- Posner, M.I. (1987). Selective attention in head injury. In H.S. Levin, H.M. Eisenberg & J. Grafman (eds.), *Neurobehavioural Recovery From Head Injury*, Oxford University Press: New York (pp. 390-397).
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- Rafal, R.D., Posner, M.I., Friedman, J.H. Inhoff, A.W. & Bernstein, E. (1988). Orienting of visual attention in progressive supranuclear palsy. *Brain*, **111**: 267-280.
- Sieroff, E., Pollatsek, A. & Posner, M.I. (1988). Recognition of visual letter strings following injury to the posterior visual spatial attention system. *Cognitive Neuropsychology*, **5**: 427-449.

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