

DANIEL L. SCHACTER

MARCH 2011

Personal

Birthdate: June 17, 1952; New York, N.Y.
Citizenship: U.S.
Position: William R. Kenan, Jr. Professor, Department of Psychology, Harvard University

Address

William James Hall
Department of Psychology
Harvard University
Cambridge, MA 02138
Phone: (617) 495-3855
FAX: (617) 496-3122
e-mail: dls@wjh.harvard.edu

Education

1970-1974 University of North Carolina, Chapel Hill
B.A., 1974

1976-1977 University of Toronto
M.A., 1977

1978 Oxford University
Visiting Researcher, Department of Experimental Psychology

1978-1981 University of Toronto
Department of Psychology
Ph.D., 1981
Ph.D. Supervisor: Endel Tulving

Academic Employment

1981-1987 Research Associate and Assistant Professor, Unit for Memory Disorders and Department of Psychology, University of Toronto

1987-1989 Associate Professor, Department of Psychology, University of Arizona

1989-1991 Professor, Department of Psychology and Cognitive Science Program, University of Arizona

1991-1995 Professor, Department of Psychology, Harvard University
1995-2005 Chair, Department of Psychology, Harvard University
1999 Visiting Professor, Institute for Cognitive Neuroscience, University College London
2002- William R. Kenan, Jr. Professor of Psychology, Harvard University
2009 (spring) Acting Chair, Department of Psychology, Harvard University

Selected Awards/Honors

Arthur Benton Award, International Neuropsychological Society, 1989

Distinguished Scientific Award for Early Career Contribution to Psychology in Human Learning and Cognition, American Psychological Association, 1990

Troland Research Award, National Academy of Sciences, 1991

Most Frequently Cited Researcher in Psychology, 1986-1990, Institute for Scientific Information, 1992

Fellow, Neurosciences Research Program (elected 1994)

Fellow, Society of Experimental Psychologists (elected 1994)

Fellow, American Academy of Arts and Sciences (elected 1996)

Searching for Memory, New York Times Book Review Notable Books of the Year, 1996

Searching for Memory, Library Journal Best Science and Technology Books of the Year, 1996

Harvard-Radcliffe Phi Beta Kappa Teaching Prize, 1997

Searching for Memory, William James Book Award, Society for General Psychology, American Psychological Association, 1997

James McKeen Cattell Fund Award, 1998-99

John Simon Guggenheim Memorial Fellowship, 1998-99

MERIT Award, National Institute on Aging, 2000-2010

The Seven Sins of Memory, New York Times Book Review Notable Books of the Year, 2001

The Seven Sins of Memory, Amazon.com Best books of 2001

The Seven Sins of Memory, William James Book Award, Society for General Psychology,

American Psychological Association, 2003

Award for Scientific Reviewing, National Academy of Sciences, 2005

Nominee, Joseph Levenson Memorial Teaching Prize, Harvard University, 2008

Presidential Citation, American Psychological Association, 2008

Howard Crosby Warren Medal, Society of Experimental Psychologists, 2009

Distinguished Lecturer Award, Swedish Neuropsychological Society, 2009

Research grants

Principal Investigator, Natural Sciences and Engineering Research Council of Canada Grant U0361, "Dissociations among forms of knowledge in normal and abnormal memory," \$54,000 TDC, 1984-1987.

Principal Investigator, Connaught New Faculty Grant, "Implicit and explicit memory in normal and amnesic subjects," \$24,800 TDC, 1986-1987.

Co-Principal Investigator, Connaught Foundation Special Research Program Grant, "Memory pathology," \$116,000 TDC per year, 1986-1987.

Principal Investigator, Biomedical Research Support Grant, University of Arizona, "Implicit memory in organic amnesia," \$5500 TDC, 1987-1988.

Principal Investigator, Small Grants Program Award, University of Arizona, "Remediation of memory disorders: acquisition of domain-specific knowledge," \$4500 TDC, 1987-1988.

Principal Investigator, "Studies of aging memory," \$593,000 TDC, 1989-1994, National Institute on Aging.

Co-Principal Investigator, "Training patients with organic memory disorders for a computer data entry job," \$22,500 TDC, 1989-1990, Arizona Disease Control Research Commission.

Principal Investigator, "Forms of memory for representation of visual objects," \$136,817 TDC, 1990-1992, Air Force Office of Scientific Research.

Principal Investigator, "Cognitive neuroscience and memory systems: A proposal for research and training," \$654,423 TDC, 1990-1992, McDonnell-Pew Program in Cognitive Neuroscience.

Principal Investigator, "Studies of priming and implicit memory," \$558,259 TDC, 1992-1995, National Institute of Mental Health.

Investigator, "Studies of memory loss with aging" (Component of Consortium Grant, Gerald Fischbach, PI), TDC for all projects, \$1,836,466, 1993-1995, Charles A. Dana Foundation.

Principal Project Investigator, "Studies of priming in patients with cortical lesions" (Project on

Program Project Grant, "Neuropsychological models and focal CNS disease," David Caplan, PI), Project TDC \$454, 858, 1993-1997, National Institute on Neurological Disorders and Stroke.

Principal Investigator, "Studies of aging memory," \$662,352 TDC, 1995-1999, National Institute on Aging.

Principal Investigator, "Neuroanatomical correlates, aging, and pathology of veridical and illusory memories", \$545,000 TDC, 1997-2000, Human Frontiers Science Program.

Principal Investigator, "PET studies of explicit and implicit memory", \$597,405 TDC, 1998-2001, National Institute of Mental Health.

Principal Project Investigator, "Brain injury memory disorders research center" (M. Verfaellie, PI), \$3,582,756 TDC, 1999-2004, National Institute on Neurological Disorders and Stroke.

Principal Investigator, "Event-related neuroimaging of human memory formation", \$948,738 TDC, 2000-2005, National Institute of Mental Health.

Principal Investigator, "Studies of aging memory", \$843,372 TDC, 2000-2005, National Institute on Aging.

Principal Investigator, "Event-related neuroimaging of human memory formation" \$1,563,432 TDC, 2005-2010, National Institute of Mental Health

Principal Investigator, "Studies of aging memory", \$1,460,663 TDC, 2005-2012, National Institute on Aging.

Principal Investigator, "Event-related neuroimaging of human memory formation" \$1,250,000 TDC, 2010-2015, National Institute of Mental Health

Editorial Advisory Board

American Journal of Psychology, 1998-

Cognitive Neuropsychology, 1987-

Cognitive Psychology, 1990-1995

Consciousness and Cognition, 1992-

Encyclopedia of Learning & Memory, 1989-1992

Hippocampus, 1999-2005

Human Neurobiology, 1985-1988

Journal of Clinical and Experimental Neuropsychology, 1987-1994

Journal of Experimental Psychology: Learning, Memory, and Cognition, 1988-1993

Learning & Memory, 1994-

Memory, 1993-

Memory and Cognition, 1989-1993

Neurobiology of Learning and Memory, 1985-

Neuron, 1997-2004

Neuropsychological Rehabilitation, 1990-
Neuro-Psychoanalysis, 2006-
Psychobiology, 1986-1999
Psychonomic Bulletin and Review, 1994-1997
Psychological Review, 1997-2004
Psychological Science in the Public Interest, 1999-
Review of General Psychology, 1997-
Year in Cognitive Neuroscience, 2008-

Associate Editor, Annual Review of Psychology, 1998-
Associate Editor, Perspectives on Psychological Science, 2005-2007

Professional Advisory Boards

Governing Board, Cognitive Neuroscience Society, 1995-
Governing Board, Psychonomic Society, 2000-2005
James S. McDonnell Program in Cognitive Neuroscience, 1997-2000
Board of Advisors, Foundation for the Advancement of Behavioral and Brain Sciences, 2005-
2008
National Institute for the Teaching of Psychology External Advisory Board, 2011-

Publications

Books

Schacter, D.L. (1982). *Stranger behind the engram: Theories of memory and the psychology of science*. Hillsdale, NJ: Lawrence Erlbaum Associates.

Schacter, D.L. (1996). *Searching for memory: The brain, the mind, and the past*. New York: Basic Books. (translations: Chinese, Dutch, French, German, Hungarian, Italian, Polish, Spanish, Swedish)

Schacter, D.L. (2001). *The seven sins of memory: How the mind forgets and remembers*. Boston and New York: Houghton Mifflin. (translations: Chinese, Czech, Finnish, French, German, Hebrew, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Spanish)

Schacter, D.L. (2001). *Forgotten ideas, neglected pioneers: Richard Semon and the story of memory*. Philadelphia: Psychology Press. (re-issue of *Stranger behind the engram*)

Schacter, D.L., Gilbert, D.T., & Wegner, D.M. (2009). *Psychology*. New York: Worth.

Schacter, D.L., Gilbert, D.T., & Wegner, D.M. (2011). *Introducing psychology*. New York: Worth.

Schacter, D.L., Gilbert, D.T., & Wegner, D.M. (2011). *Psychology (2nd Edition)*. New York: Worth.

Edited Books/Volumes

Bootzin, R., Kihlstrom, J.F., & Schacter, D.L. (Eds.) (1990). *Sleep and cognition*. Washington: American Psychological Association.

Prigatano, G.P. & Schacter, D.L. (Eds.) (1991). *Awareness of deficit after brain injury: Theoretical and clinical aspects*. New York: Oxford University Press.

Schacter, D.L. & Tulving, E. (Eds.) (1994). *Memory systems 1994*. Cambridge, MA: MIT Press.

Schacter, D.L. (Ed) (1995). *Memory distortion: How minds, brains, and societies reconstruct the past*. Cambridge, MA: Harvard University Press.

Squire, L.R. & Schacter, D.L. (Eds.) (1997) *Biological and psychological perspectives on memory and memory disorders*. Philosophical Transactions of the Royal Society (B), Vol. 352, No. 1362.

Schacter, D.L. (Ed.) (1999). *The cognitive neuropsychology of false memories*. Sussex: Psychology Press.

Fiske, S.T., Schacter, D.L., & Zahn-Waxler, C. (Eds.) (2000). *Annual Review of Psychology, Volume 51*. Palo Alto: Annual Reviews.

Schacter, D.L. & Scarry, E. (Eds.) (2000). *Memory, brain, and belief* Cambridge, MA: Harvard University Press.

Fiske, S.T., Schacter, D.L., & Zahn-Waxler, C. (Eds.) (2001). *Annual Review of Psychology, Volume 52*. Palo Alto: Annual Reviews.

Fiske, S.T., Schacter, D.L., & Zahn-Waxler, C. (Eds.) (2002). *Annual Review of Psychology, Volume 53*. Palo Alto: Annual Reviews.

Squire, L.R. & Schacter, D.L. (Eds.) (2002). *Neuropsychology of memory (3rd Edition)*. New York: Guilford Press.

Fiske, S.T., Schacter, D.L., & Zahn-Waxler, C. (Eds.) (2003). *Annual Review of Psychology, Volume 54*. Palo Alto: Annual Reviews.

Fiske, S.T., Schacter, D.L., & Zahn-Waxler, C. (Eds.) (2004). *Annual Review of Psychology, Volume 55*. Palo Alto: Annual Reviews.

Fiske, S.T., Kazdin, A.E., & Schacter, D.L. (Eds.) (2005). *Annual Review of Psychology, Volume 56*. Palo Alto: Annual Reviews.

Fiske, S.T., Kazdin, A.E., & Schacter, D.L. (Eds.) (2006). *Annual Review of Psychology, Volume 57*. Palo Alto: Annual Reviews.

Fiske, S.T., Kazdin, A.E., & Schacter, D.L. (Eds.) (2007). *Annual Review of Psychology, Volume 58*. Palo Alto: Annual Reviews.

Fiske, S.T., Schacter, D.L., & Sternberg, R. (Eds.) (2008). *Annual Review of Psychology, Volume 59*. Palo Alto: Annual Reviews.

Fiske, S.T., Schacter, D.L., & Sternberg, R. (Eds.) (2009). *Annual Review of Psychology, Volume 60*. Palo Alto: Annual Reviews.

Fiske, S.T., Schacter, D.L., & Sternberg, R. (Eds.) (2010). *Annual Review of Psychology, Volume 61*. Palo Alto: Annual Reviews.

Fiske, S.T., Schacter, D.L., & Taylor, S.E. (Eds.) (2011). *Annual Review of Psychology, Volume 62*. Palo Alto: Annual Reviews.

Articles and Chapters

Schacter, D.L. (1976). The hypnagogic state: A critical review of the literature. *Psychological Bulletin*, 83, 452-481.

Schacter, D.L. (1977). EEG theta waves and psychological phenomena: A review and analysis. *Biological Psychology*, 5, 47-82.

Schacter, D.L. & Crovitz, H.F. (1977). "Falling" while falling asleep: Sex differences. *Perceptual and Motor Skills*, 44, 656.

Schacter, D.L. & Crovitz, H.F. (1977). Memory function after closed head injury: A review of the quantitative research. *Cortex*, 13, 150-176.

Schacter, D.L., Eich, J.E., & Tulving, E. (1978). Richard Semon's theory of memory. *Journal of Verbal Learning and Verbal Behavior*, 17, 721-744.

Schacter, D.L. & Tulving, E. (1982). Amnesia and memory research. In L.S. Cermak (Ed.), *Human memory and amnesia* (pp. 1-32). Hillsdale, NJ: Erlbaum.

Schacter, D.L. & Tulving, E. (1982). Memory, amnesia, and the episodic/semantic distinction. In R. L. Isaacson & N. E. Spear (Eds.), *The expression of knowledge* (pp. 33-65). New York: Plenum Press.

Schacter, D.L., Wang, P.L., Tulving, E., & Freedman, M. (1982). Functional retrograde amnesia: A quantitative case study. *Neuropsychologia*, 20, 523-532.

Tulving, E., Schacter, D.L., & Stark, H.A. (1982). Priming effects in word-fragment completion are independent of recognition memory. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, 8, 336-342.

Schacter, D.L. (1983). Amnesia observed: Remembering and forgetting in a natural

environment. *Journal of Abnormal Psychology*, 92, 236-242.

Schacter, D.L. (1983). Feeling of knowing in episodic memory. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 9, 39-54.

Schacter, D.L. (1984). Toward the multidisciplinary study of memory: Ontogeny, phylogeny and pathology of memory systems. In L. R. Squire & N. Butters (Eds.), *Neuropsychology of memory* (pp. 13-24). New York: Guilford Press.

Schacter, D.L., Harbluk, J.L., & McLachlan, D.R. (1984). Retrieval without recollection: An experimental analysis of source amnesia. *Journal of Verbal Learning and Verbal Behavior*, 23, 593-611.

Schacter, D.L. & Moscovitch, M. (1984). Infants, amnesics, and dissociable memory systems. In M. Moscovitch (Ed.), *Infant memory* (pp. 173-216). New York: Plenum.

Graf, P. & Schacter, D.L. (1985). Implicit and explicit memory for new associations in normal and amnesic subjects. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 11, 501-518.

Schacter, D.L. (1985). Priming of old and new knowledge in amnesic patients and normal subjects. *Annals of the New York Academy of Sciences*, 444, 41-53.

Schacter, D.L. (1985). Multiple forms of memory in humans and animals. In N.M. Weinberger, J.L. McGaugh, & G. Lynch (Eds.), *Memory systems of the brain: Animal and human cognitive processes* (pp. 351-379). New York: Guilford Publications.

Schacter, D.L., Rich, S.A., & Stamp, M.S. (1985). Remediation of memory disorders: Experimental evaluation of the spaced retrieval technique. *Journal of Clinical and Experimental Neuropsychology*, 7, 79-96.

Schacter, D.L. & Worling, J.R. (1985). Attribute information and the feeling of knowing. *Canadian Journal of Psychology*, 39, 467-475.

Glisky, E.L. & Schacter, D.L. (1986). Remediation of organic memory disorders: Current status and future prospects. *Head Trauma Rehabilitation*, 1, 54-63.

Glisky, E.L., Schacter, D.L., & Tulving, E. (1986). Computer learning by memory-impaired patients: Acquisition and retention of complex knowledge. *Neuropsychologia*, 24, 313-328.

Glisky, E.L., Schacter, D.L., & Tulving, E. (1986). Learning and retention of computer related vocabulary in memory-impaired patients: Method of vanishing cues. *Journal of Clinical and Experimental Neuropsychology*, 8, 292-312.

Schacter, D.L. (1986). Amnesia and crime: How much do we really know? *American Psychologist*, 41, 286-295.

Schacter, D.L. (1986). Feeling-of-knowing ratings distinguish between genuine and simulated forgetting. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 12, 30-41.

- Schacter, D.L. (1986). On the relation between genuine and simulated amnesia. *Behavioral Sciences and the Law*, 4, 47-64.
- Schacter, D.L. (1986). The psychology of memory. In J.E. Ledoux & W. Hirst (Eds.), *Mind and brain: Dialogues between cognitive psychology and neuroscience* (pp. 189-214). Cambridge: Cambridge University Press.
- Schacter, D.L. (1986). A psychological view of the neurobiology of memory. In J.E. Ledoux & W. Hirst (Eds.), *Mind and brain: Dialogues between cognitive psychology and neuroscience* (pp. 265-269). Cambridge University Press.
- Schacter, D.L. (1986). A psychologist's reply. In J.E. Ledoux & W. Hirst (Eds.), *Mind and brain: Dialogues between cognitive psychology and neuroscience* (pp. 263-264). Cambridge University Press.
- Schacter, D.L. & Glisky, E.L. (1986). Memory remediation: Restoration, alleviation, and the acquisition of domain-specific knowledge. In B. Uzzell & Y. Gross (Eds.), *Clinical neuropsychology of intervention* (pp. 257-282). Boston: Martinus Nijhoff.
- Schacter, D.L. & Graf, P. (1986). Effects of elaborative processing on implicit and explicit memory for new associations. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 12, 432-444.
- Schacter, D.L. & Graf, P. (1986). Preserved learning in amnesic patients: Perspectives from research on direct priming. *Journal of Clinical and Experimental Neuropsychology*, 8, 727-743.
- Schacter, D.L., Moscovitch, M., Tulving, E., McLachlan, D.R., & Freedman, M. (1986). Mnemonic precedence in amnesic patients: An analogue of the AB error in infants? *Child Development*, 57, 816-823.
- Glisky, E.L. & Schacter, D.L. (1987). Acquisition of domain-specific knowledge in organic amnesia: Training for computer-related work. *Neuropsychologia*, 25, 893-906.
- Graf, P. & Schacter, D.L. (1987). Selective effects of interference on implicit and explicit memory for new associations. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 13, 45-53.
- McAndrews, M.P., Glisky, E.L., & Schacter, D.L. (1987). When priming persists: Long-lasting implicit memory for a single episode in amnesic patients. *Neuropsychologia*, 25, 497-506.
- Nissen, M.J., Knopman, D.S., & Schacter, D.L. (1987). Neurochemical dissociation of memory systems. *Neurology*, 37, 789-794.
- Schacter, D.L. (1987). Memory, amnesia, and frontal lobe dysfunction. *Psychobiology*, 15, 21-36.
- Schacter, D.L. (1987). Storage facilities. Review of A. Baddeley, Working memory. *Nature*, 325, 398-399.

Schacter, D.L. (1987). Implicit memory: History and current status. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *13*, 501-518. (Most frequently cited paper in psychology, 1986-1990, according to Institute for Scientific Information, 1992; named Citation Classic, 1993)

Schacter, D.L. (1987). Taking stock. Review of L.R. Squire, Memory and brain. *Psychobiology*, *15*, 282-284.

Schacter, D.L. (1987). Implicit expressions of memory in organic amnesia. *Human Neurobiology*, *6*, 107-118.

Sherry, D.F. & Schacter, D.L. (1987). The evolution of multiple memory systems. *Psychological Review*, *94*, 439-454.

Booker, J. & Schacter, D.L. (1988). Toward a cognitive neuropsychology of complex learning. In M. Williams (Ed.), *Cognitive approaches to neuropsychology* (pp.61-81). New York: Plenum Press.

Glisky, E.L. & Schacter, D.L. (1988). Long-term retention of computer learning by patients with memory disorders. *Neuropsychologia*, *26*, 173-178.

Glisky, E.L. & Schacter, D.L. (1988). Acquisition of domain-specific knowledge in patients with organic memory disorders. *Journal of Learning Disabilities*, *21*, 333-339.

Nissen, M.J., Ross, J.L., Willingham, D.B., Mackenzie, T.B., & Schacter, D.L. (1988). Memory and awareness in a patient with multiple personality disorder. *Brain & Cognition*, *8*, 21-39.

Schacter, D.L., McAndrews, M.P., & Moscovitch, M. (1988). Access to consciousness: Dissociations between implicit and explicit knowledge. In L. Weiskrantz (Ed.), *Thought without language* (pp.242-278). New York: Oxford University Press.

Tulving, E., Schacter, D.L., McLachlan, D.R., & Moscovitch, M. (1988). Priming of semantic autobiographical knowledge: A case study of retrograde amnesia. *Brain & Cognition*, *8*, 3-20.

Glisky, E.L. & Schacter, D.L. (1989). Extending the limits of complex learning in organic amnesia: Computer training in a vocational domain. *Neuropsychologia*, *27*, 107-120.

Glisky, E.L. & Schacter, D.L. (1989). Models and methods of memory remediation. In F. Boller & J. Grafman (Eds.), *Handbook of neuropsychology* (pp.233-246). Amsterdam: Elsevier Publications.

Graf, P. & Schacter, D.L. (1989). Unitization and grouping mediate dissociations in memory for new associations. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, *15*, 930-940.

McGlynn, S.M. & Schacter, D.L. (1989). Unawareness of deficits in neuropsychological syndromes. *Journal of Clinical and Experimental Neuropsychology*, *11*, 143-205.

Schacter, D.L. (1989). On the relation between memory and consciousness: Dissociable interactions and conscious experience. In H.L. Roediger III & F.I.M. Craik (Eds.) *Varieties of memory and consciousness: Essays in honor of Endel Tulving* (pp.355-389). Hillsdale, NJ: Erlbaum Associates.

Schacter, D.L. (1989). The study of memory. Review of U. Neisser & E. Winograd (Eds.), *Remembering reconsidered*. *Science*, 243, 1375-1376.

Schacter, D.L. (1989). Progress in cognitive neuropsychology. Review of G. Humphreys & M.J. Riddoch (Eds.), *Visual object processing: A cognitive neuropsychological approach*. *Psychobiology*, 17, 108-109.

Schacter, D.L., Bowers, J., & Booker, J. (1989). Intention, awareness, and implicit memory: The retrieval intentionality criterion. In S. Lewandowsky, K. Kirsner, & J. Dunn (Eds.), *Implicit memory: Theoretical issues* (pp.47-65). Hillsdale, NJ: Erlbaum Associates.

Schacter, D.L. & McGlynn, S.M. (1989). Implicit memory: Effects of elaboration depend on unitization. *American Journal of Psychology*, 102, 151-181

Schacter, D.L. (1989). Memory. In M. Posner (Ed.), *Foundations of cognitive science* (pp. 683-726). Cambridge, MA: Bradford Books.

Schacter, D.L. & Graf, P. (1989). Modality specificity of implicit memory for new associations. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, 15, 3-12.

Schacter, D.L. & Kihlstrom, J.F. (1989). Functional amnesia. In F. Boller & J. Grafman (Eds.), *Handbook of neuropsychology* (pp.209-231). Amsterdam: Elsevier Publications.

Schacter, D.L., Kihlstrom, J.F., Kihlstrom, L.C., & Berren, M.B. (1989). Autobiographical memory in a case of multiple personality disorder. *Journal of Abnormal Psychology*, 98, 508-514.

Bowers, J. & Schacter, D.L. (1990). Implicit memory and test awareness. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, 16, 404-416.

Butters, N., Grant, I., Haxby, J., Judd, L.L., Martin, A., McClelland, J., Pequegnat, W., Schacter, D.L., & Stover, E. (1990). Assessment of AIDS-related cognitive changes: Recommendations of the NIMH workshop on neuropsychological assessment approaches. *Journal of Clinical and Experimental Neuropsychology*, 12, 963-978.

Forster, K., Booker, J., Schacter, D.L., & Davis, C. (1990). Masked repetition priming: Lexical activation or novel memory trace? *Bulletin of the Psychonomic Society*, 28, 341-345.

Kihlstrom, J.F. & Schacter, D.L. (1990). Anesthesia, amnesia, and the cognitive unconscious. In B. Bonke, K. Millar, & W. Fitch (Eds.), *Awareness and memory in anesthesia* (pp.21-44). Amsterdam: Swets.

Kihlstrom, J.F., Schacter, D.L., Cork, R.C., Hurt, C.A., & Behr, S.E. (1990). Implicit and explicit memory following surgical anesthesia. *Psychological Science*, 1, 303-306.

- Schacter, D.L. (1990). Toward a cognitive neuropsychology of awareness: Implicit knowledge and anosognosia. *Journal of Clinical and Experimental Neuropsychology*, *12*, 155-178.
- Schacter, D.L. (1990). Anomalous experiences. Review of G. Reed, *The psychology of anomalous experiences*. *Contemporary Psychology*, *35*, 150-151.
- Schacter, D.L. (1990). Introduction to "Implicit memory: Multiple perspectives." *Bulletin of the Psychonomic Society*, *28*, 338-340.
- Schacter, D.L. (1990). Perceptual representation systems and implicit memory: Toward a resolution of the multiple memory systems debate. *Annals of the New York Academy of Sciences*, *608*, 543-571.
- Schacter, D.L., Cooper, L.A., & Delaney, S.M. (1990). Implicit memory for unfamiliar objects depends on access to structural descriptions. *Journal of Experimental Psychology: General*, *119*, 5-24.
- Schacter, D.L., Cooper, L.A., & Delaney, S.M. (1990). Implicit memory for visual objects and the structural description system. *Bulletin of the Psychonomic Society*, *28*, 367-372.
- Schacter, D.L., Glisky, E.L., & McGlynn, S.M. (1990). Impact of memory disorder on everyday life: Awareness of deficits and return to work. In D. Tupper & K. Cicerone (Eds.), *The neuropsychology of everyday life* (pp.231-256). Boston: Kluwer Publishing.
- Schacter, D.L., Delaney, S.M., & Merikle, E.P. (1990). Priming of nonverbal information and the nature of implicit memory. In G.H. Bower (Ed.), *The Psychology of Learning and Motivation*, Vol. 26 (pp.83-124). New York: Academic Press.
- Schacter, D.L., Rapcsak, S.Z., Rubens, A.B., Tharan, M., & Laguna, M. (1990). Priming effects in a letter-by-letter reader depend upon access to the word form system. *Neuropsychologia*, *28*, 1079-1094.
- Tulving, E. & Schacter, D.L. (1990). Priming and human memory systems. *Science*, *247*, 301-306.
- Polster, M.R., Nadel, L., & Schacter, D.L. (1991). Cognitive neuroscience analyses of memory: A historical perspective. *Journal of Cognitive Neuroscience*, *3*, 95-116.
- Prigatano, G.P. & Schacter, D.L. (1991). Introduction. In G.P. Prigatano & D.L. Schacter (Eds.), *Awareness of deficit after brain injury: Theoretical and clinical aspects* (pp.3-16). New York: Oxford University Press.
- Schacter, D.L. (1991). Unawareness of deficit and unawareness of knowledge in patients with memory disorders. In G.P. Prigatano & D.L. Schacter (Eds.), *Awareness of deficit after brain injury: Theoretical and clinical aspects* (pp.127-151). New York: Oxford University Press.
- Schacter, D.L. & Prigatano, G.P. (1991). Forms of unawareness. In G.P. Prigatano & D.L. Schacter (Eds.), *Awareness of deficit after brain injury: Theoretical and clinical aspects* (pp.258-

262). New York: Oxford University Press.

Schacter, D.L., Cooper, L.A., Delaney, S.M., Peterson, M.A., & Tharan, M. (1991). Implicit memory for possible and impossible objects: Constraints on the construction of structural descriptions. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, *17*, 3-19.

Schacter, D.L., Cooper, L.A., Tharan, M., & Rubens, A.B. (1991). Preserved priming of novel objects in patients with memory disorders. *Journal of Cognitive Neuroscience*, *3*, 117-130.

Schacter, D.L., Kaszniak, A.W., & Kihlstrom, J.F. (1991). Models of memory and the understanding of memory disorders. In T. Yanagihara & R. Petersen (Eds.), *Memory disorders in clinical practice* (pp.111-134). New York: Marcel Dekker.

Schacter, D.L. & Nadel, L. (1991). Varieties of spatial memory: A problem for cognitive neuroscience. In R. Lister & H. Weingartner (Eds.), *Cognitive Neuroscience* (pp.165-185). New York: Oxford University Press.

Schacter, D.L. (1991). Consciousness and awareness in memory and amnesia: critical issues. In D. Milner & M. Rugg (Eds.), *Neuropsychology of Consciousness* (pp.180-200). London: Academic Press.

Schacter, D.L., Kaszniak, A.W., Kihlstrom, J.F., & Valdiserri, M. (1991). The relation between source memory and aging. *Psychology and Aging*, *6*, 559-568.

Tulving, E. & Schacter, D.L. (1991). Priming and human memory systems. In B. Smith & G. Adelman (Eds.), *Neuroscience year: Supplement to the encyclopedia of neuroscience* (pp.130-134). Cambridge, MA: Birkhauser Boston.

Cooper, L.A., Schacter, D.L., Ballesteros, S., & Moore, C. (1992). Priming and recognition of transformed three-dimensional objects: Effects of size and reflection. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, *18*, 43-57.

Cork, R.C., Kihlstrom, J.F., & Schacter, D.L. (1992). Absence of explicit or implicit memory in patients anesthetized with sufentanil/nitrous oxide. *Anesthesiology*, *76*, 892-898.

Schacter, D.L. (1992). Understanding implicit memory: a cognitive neuroscience approach. *American Psychologist*, *47*, 559-569.

Schacter, D.L., Cooper, L.A., & Valdiserri, M. (1992). Implicit and explicit memory for novel objects in older and younger adults. *Psychology and Aging*, *7*, 299-308.

Schacter, D.L. (1992). Priming and multiple memory systems: Perceptual mechanisms of implicit memory. *Journal of Cognitive Neuroscience*, *4*, 244-256.

Schacter, D.L. & Church, B.A. (1992). Auditory priming: Implicit and explicit memory for words and voices. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, *18*, 915-930.

Schacter, D.L. (1992). Richard Semon. *Encyclopedia of Learning and Memory* (pp. 586-588).

New York: Macmillan.

Schacter, D.L. (1992). Implicit memory. *Encyclopedia of Learning and Memory* (pp.259-263). New York: Macmillan.

Schacter, D.L. (1992). Implicit knowledge: New perspectives on unconscious processes. *Proceedings of the National Academy of Science*, 89, 11113-11117.

Tobias, B., Kihlstrom, J.F., & Schacter, D.L. (1992). Emotion and implicit memory. In S.A. Christianson (Ed.), *Handbook of emotion and memory* (pp.67-92). Hillsdale, NJ: Erlbaum Associates.

Bowers, J. & Schacter, D.L. (1993). Priming of novel information in amnesic patients: Issues and data. In P. Graf & M. Masson (Eds.), *Implicit memory: New directions in cognition, development, and neuropsychology* (pp. 303-326). Hillsdale, NJ: Erlbaum.

Butters, M.A., Glisky, E.L., & Schacter, D.L. (1993). Transfer of new learning in memory impaired patients. *Journal of Experimental and Clinical Neuropsychology*, 15, 219-230.

Schacter, D.L., McGlynn, S.M., Milberg, W.A., & Church, B.A. (1993). Spared priming despite impaired comprehension: Implicit memory in a case of word meaning deafness. *Neuropsychology*, 7, 107-118.

Schacter, D.L., Chiu, C.Y.P., & Ochsner, K.N. (1993). Implicit memory: A selective review. *Annual Review of Neuroscience*, 16, 159-182.

Schacter, D.L., Kihlstrom, J.F., Kaszniak, A.W., & Valdiserri, M. (1993). Preserved and impaired memory functions in elderly adults. In J. Cerella, W. Hoyer, J. Rybash, & M. Commons (Eds.), *Adult information processing: Limits on loss* (pp.327-350). New York: Academic Press.

Schacter, D.L. (1993). Memory without remembering. *Current Contents*, 50, 12.

Schacter, D.L., Cooper, L.A., & Treadwell, J. (1993). Preserved priming of novel objects across size transformation in amnesic patients. *Psychological Science*, 4, 331-335.

Schacter, D.L. & Cooper, L.A. (1993). Implicit and explicit memory for novel visual objects: Structure and function. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, 19, 988-1003.

Butters, M.A., Kaszniak, A.W., Glisky, E.L., Eslinger, P.J., & Schacter, D.L. (1994). Recency discrimination deficits in frontal lobe patients. *Neuropsychology*, 8, 343-353.

Church, B.A. & Schacter, D.L. (1994). Perceptual specificity of auditory priming: Implicit memory for voice intonation and fundamental frequency. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, 20, 521-533.

Glisky, E.L., Schacter, D.L., & Butters, M.A. (1994). Domain-specific learning and memory remediation. In M.J. Riddoch & G.W. Humphreys (Eds.), *Cognitive neuropsychology and*

cognitive rehabilitation (pp.527-548). London: Erlbaum Associates.

Nissen, M.J., Ross, J.L., Willingham, D.B., Mackenzie, T.B., & Schacter, D.L. (1994). Evaluating amnesia in multiple personality disorder. In R.M. Klein & B.K. Doane (Eds.), *Psychological concepts and dissociative disorders* (pp.259-282). Hillsdale, NJ: Erlbaum Associates.

Ochsner, K., Chiu, C.Y.P., & Schacter, D.L. (1994). Varieties of priming. *Current Opinion in Neurobiology*, 4, 189-194

Schacter, D.L., Church, B.A., & Treadwell, J. (1994). Implicit memory in amnesic patients: Evidence for spared auditory priming. *Psychological Science*, 5, 20-25.

Schacter, D.L., Osowiecki, D., Kaszniak, A., Kihlstrom, J., & Valdiserri, M. (1994). Source memory: Extending the boundaries of age-related deficits. *Psychology and Aging*, 9, 81- 89.

Schacter, D.L. & Tulving, E. (1994). What are the memory systems of 1994? In D.L. Schacter & E. Tulving (Eds.), *Memory systems 1994* (pp.1-38). Cambridge: MIT Press.

Schacter, D.L. (1994). Priming and multiple memory systems: Perceptual mechanisms of implicit memory. In D.L. Schacter & E. Tulving (Eds.), *Memory systems 1994* (pp.233-268). Cambridge: MIT Press.

Schacter, D.L., Church, B.A., & Osowiecki, D.O. (1994). Auditory priming in elderly adults: Impairment of voice-specific implicit memory. *Memory*, 2, 295-323.

Chiu, C.Y.-P. & Schacter, D.L. (1995). Auditory priming of nonverbal information: Implicit and explicit memory for environmental sounds. *Consciousness and Cognition*, 4, 440-458.

Hamman, S.B., Squire, L.R., & Schacter, D.L. (1995). Perceptual thresholds and priming in amnesia. *Neuropsychology*, 9, 1-13.

Kihlstrom, J.F. & Schacter, D.L. (1995). Functional disorders of autobiographical memory. In A. Baddeley, B. Wilson, & F. Watts (Eds.), *Handbook of memory disorders* (pp. 337-357). Chichester: Wiley.

Schacter, D.L. (1995). Implicit memory: A new frontier for cognitive neuroscience. In M. Gazzaniga (Ed.), *The Cognitive Neurosciences* (pp.815-824). Cambridge: MIT Press.

Schacter, D.L.(1995). Introduction to Consciousness. In M. Gazzaniga (Ed.), *The Cognitive Neurosciences* (pp.1291-1294). Cambridge: MIT Press.

Schacter, D.L. (1995). Memory wars. *Scientific American*, 272, 134-139.

Schacter, D.L. (1995). Memory distortion: History and current status. In D.L. Schacter et al. (Eds.), *Memory distortion* (pp. 1-43). Cambridge, MA: Harvard University Press.

Schacter, D.L., Church, B.A., & Bolton, E. (1995). Implicit memory in amnesic patients: Impairment of voice-specific priming. *Psychological Science*, 6, 20-25.

Schacter, D.L. & Cooper, L.A. (1995). Bias in the priming of object decisions: Logic, method, and data. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *21*, 768-776.

Schacter, D.L. & Curran, T. (1995). The cognitive neuroscience of false memories. *Psychiatric Annals*, *25*, 726-730.

Schacter, D.L., Kagan, J., & Leichtman, M.D. (1995). True and false memories in children and adults: A cognitive neuroscience perspective. *Psychology, Public Policy, and Law*, *1*, 411-428.

Schacter, D.L., Reiman, E., Uecker, A., Polster, M.R., Yun, L.S., & Cooper, L. (1995). Brain regions associated with retrieval of structurally coherent visual information. *Nature*, *376*, 587-590.

Schacter, D.L. & Church, B.A. (1995). Implicit memory in amnesic patients: When is auditory priming spared? *Journal of the International Neuropsychological Society*, *1*, 434-442.

Curran, T. & Schacter, D.L. (1996). Memory: Cognitive neuropsychological aspects. In T.E. Feinberg and M. Farah (Eds.), *Behavioral neurology and neuropsychology*. New York: McGraw-Hill.

Curran, T. & Schacter, D.L. (1996). Implicit memory and perceptual brain mechanisms. In D. J. Herrmann et al. (Eds.), *Basic and applied memory research: Theory in context. Volume 1* (pp.221-240) Hillsdale, NJ: Erlbaum Associates.

Curran, T., Schacter, D.L., & Bessenoff, G. (1996). Visual specificity effects on word stem completion: Beyond transfer appropriate processing? *Canadian Journal of Experimental Psychology*, *50*, 22-33.

Marsolek, C.J, Schacter, D.L., & Nicholas, C. (1996). Form-specific visual priming for new associations in the right cerebral hemisphere. *Memory and Cognition*, *24*, 539-556.

Norman, K.A. & Schacter, D.L. (1996). Implicit memory, explicit memory, and false recollection: A cognitive neuroscience perspective. In L.M. Reder (Ed.), *Implicit memory and metacognition*. Hillsdale, NJ: Erlbaum Associates.

Schacter, D.L. (1996). Illusory memories: A cognitive neuroscience analysis. *Proceedings of the National Academy of Sciences*, *93*, 13527-13533.

Schacter, D.L., Alpert, N.M., Savage, C.R., Rauch, S.L., & Albert, M.S. (1996). Conscious recollection and the human hippocampal formation: Evidence from positron emission tomography. *Proceedings of the National Academy of Sciences*, *93*, 321-325.

Schacter, D.L., Verfaellie, M., & Pradere, D. (1996). The neuropsychology of memory illusions: False recall and recognition in amnesic patients. *Journal of Memory and Language*, *35*, 319-334.

Schacter, D.L., Koutstaal, W., & Norman, K.A. (1996). Can cognitive neuroscience illuminate the nature of traumatic childhood memories? *Current Opinion in Neurobiology*, *6*, 207-214.

- Schacter, D.L., Savage, C.R., Alpert, N., Rauch, S., & Albert, M.S. (1996). The role of hippocampus and frontal cortex in age-related memory loss: A PET study. *NeuroReport*, *7*, 1165-1169.
- Schacter, D.L., Reiman, E., Curran, T., Sheng Yun, L., Bandy, D., McDermott, K.B. & Roediger, H.L. (1996). Neuroanatomical correlates of veridical and illusory recognition memory: Evidence from positron emission tomography. *Neuron*, *17*, 267-274..
- Schacter, D.L., Curran, T., Galluccio, L., Milberg, W., & Bates, J. (1996). False recognition and the right frontal lobe: A case study. *Neuropsychologia*, *34*, 793-808.
- Squire, L.R., Hamman, S.B., & Schacter, D.L. (1996). Intact baseline performance and priming in amnesia: Reply to Ostergaard and Jernigan. *Neuropsychology*, *10*, 1-6.
- Curran, T. & Schacter, D.L. (1997). Implicit memory: What must theories of amnesia explain? *Memory*, *5*, 37-48.
- Curran, T. & Schacter, D.L. (1997). Amnesia: Cognitive neuropsychological aspects. In T.E. Feinberg & M.J. Farah (Eds.) *Behavioral neurology and neuropsychology* (pp. 463-472). New York: McGraw-Hill.
- Curran, T., Schacter, D.L., Norman, K.A., & Galluccio, L. (1997). False recognition after a right frontal lobe infarction: Memory for general and specific information. *Neuropsychologia*, *35*, 1035-1049.
- Israel, L. & Schacter, D.L. (1997). Pictorial encoding reduces false recognition of semantic associates. *Psychonomic Bulletin and Review*, *4*, 577-581.
- Johnson, M.K., Nolde, S.F., Mather, M., Kounios, J., Schacter, D.L., & Curran, T. (1997). The similarity of brain activity associated with true and false recognition memory depends on test format. *Psychological Science*, *8*, 250-257.
- Koutstaal, W. & Schacter, D.L. (1997). Inaccuracy and inaccessibility in memory retrieval: Contributions from cognitive psychology and neuropsychology. In P. Applebaum, M. Elin, & L. Uyehara (Eds.), *Trauma and memory: Clinical and legal controversies* (pp.93-137) New York: Oxford University Press.
- Koutstaal, W. & Schacter, D.L. (1997). Intentional forgetting and voluntary thought suppression: Two potential methods for coping with childhood trauma. In L.J. Dickstein, M.B. Riba, & J.M. Oldham (Eds.) *Review of Psychiatry, Vol. 16* (pp.79-121). Washington: American Psychiatric Press.
- Koutstaal, W. & Schacter, D.L. (1997). Gist-based false recognition of pictures in older and younger adults. *Journal of Memory and Language*, *37*, 555-583.
- McGlynn, S.M. & Schacter, D.L. (1997). The neuropsychology of insight: Impaired awareness of deficits in a psychiatric context. *Psychiatric Annals*, *27*, 806-811.

Norman, K.A. & Schacter, D.L. (1997). False recognition in young and older adults: Exploring the characteristics of illusory memories. *Memory and Cognition*, 25, 838-848.

Ochsner, K.N., Schacter, D.L., & Edwards, K. (1997). Illusory recall of vocal affect. *Memory*, 5, 433-455.

Schacter, D.L. (1997). The neuropsychology of false recognition. *Current Directions in Psychological Science*, 6, 65-70.

Schacter, D.L. (1997). The cognitive neuroscience of memory: Perspectives from neuroimaging research. *Philosophical Transactions of the Royal Society*, 352, 1689-1695.

Schacter, D.L., Buckner, R.L., Koutstaal, W., Dale, A., & Rosen, B. (1997). Late onset of anterior prefrontal activity during true and false recognition: An event-related fMRI study. *NeuroImage*, 6, 259-269.

Schacter, D.L., Koutstaal, W., Johnson, M.K., Gross, M. & Angell, K.A. (1997). False recollection induced via photographs: A comparison of older and younger adults. *Psychology and Aging*, 12, 203-215.

Schacter, D.L., Koutstaal, W., & Norman, K.A. (1997). False memories and aging. *Trends in Cognitive Sciences*, 1, 229-236.

Schacter, D.L., Norman, K.A., & Koutstaal, W. (1997). The recovered memories debate: A cognitive neuroscience perspective. In M. Conway (Ed.), *False and recovered memories* (pp.63-109). New York: Oxford University Press.

Schacter, D.L., Uecker, A., Reiman, E., Yun, L.S., Bandy, D., Chen, K., Cooper, L.A., & Curran, T. (1997). Effects of size and orientation change on hippocampal activation during episodic recognition: A PET study. *NeuroReport*, 8, 3993-3998.

Schacter, D.L., Verfaellie, M., & Anes, M.D. (1997). Illusory memories in amnesic patients: Conceptual and perceptual false recognition. *Neuropsychology*, 11, 331-342.

Uecker, A., Reiman, E., Schacter, D.L., Polster, M.R., Yun, L.S., & Cooper, L.A. (1997). Implicit and explicit memory: Functional neuroanatomy during the processing of structurally possible and impossible visual objects. *Learning and Memory*, 4, 337-355.

Buckner, R.L., Goodman, J., Burock, M., Rotte, M., Koutstaal, W., Schacter, D.L., Rosen, B., and Dale, A. (1998). Functional-anatomic correlates of object priming in humans revealed by rapid presentation event-related fMRI. *Neuron*, 20, 285-296.

Buckner, R. L., Koutstaal, W., Schacter, D. L., Wagner, A. D., & Rosen, B. R. (1998). I. Functional-anatomic study of episodic retrieval using fMRI: Retrieval effort versus retrieval success. *NeuroImage*, 7, 151-162

Buckner, R. L., Koutstaal, W., Schacter, D. L., Dale, A. M., Rotte, M., & Rosen, B. (1998). II. Functional-anatomic study of episodic retrieval: Selective averaging of event-related fMRI trials to test the retrieval success hypothesis. *NeuroImage*, 7, 163-175.

Heckers, S., Rauch, S.L., Goff, D., Savage, C.R., Schacter, D.L., Fischman, A.J., & Alpert, N.M. (1998). Impaired recruitment of the hippocampus during conscious recollection in schizophrenia. *Nature Neuroscience*, *1*, 318-323.

Koutstaal, W., Schacter, D.L., Johnson, M.K., Angell, K.E., & Gross, M.S. (1998). Post event review in older and younger adults: Improving memory accessibility of complex everyday events. *Psychology and Aging*, *13*, 277-296.

Schacter, D.L. (1998). Memory and awareness. *Science*, *280*, 59-60.

Schacter, D.L. & Buckner, R.L. (1998). Priming and the brain. *Neuron*, *20*, 185-195.

Schacter, D.L. & Buckner, R.L. (1998). On the relations among priming, conscious recollection, and intentional retrieval: Evidence from neuroimaging research. *Neurobiology of Learning and Memory*, *70*, 284-303.

Schacter, D.L., Buckner, R.L., & Koutstaal, W. (1998). Memory, consciousness, and neuroimaging. *Philosophical Transactions of the Royal Society of London (B)*, *353*, 1861-1878.

Schacter, D.L., Norman, K.A., & Koutstaal, W. (1998). The cognitive neuroscience of constructive memory. *Annual Review of Psychology*, *49*, 289-318.

Schacter, D.L., Verfaellie, M., Anes, M., & Racine, C. (1998). When true recognition suppresses false recognition: Evidence from amnesic patients. *Journal of Cognitive Neuroscience*, *10*, 668-679.

Wagner, A.D., Schacter, D.L., Rotte, M., Koutstaal, W., Maril, A., Dale, A.M., Rosen, B.R., & Buckner, R.L. (1998). Building memories: Remembering and forgetting of verbal experiences as predicted by brain activity. *Science*, *281*, 1188-1190.

Badgaiyan, R.D., Schacter, D.L., & Alpert, N.M. (1999). Auditory priming within and across modalities: Evidence from positron emission tomography. *Journal of Cognitive Neuroscience*, *11*, 337-348.

Clancy, S.A., McNally, R.J., & Schacter, D.L. (1999). Imagination inflation in women reporting recovered memories of sexual abuse. *Journal of Traumatic Stress*, *12*, 559-569.

Heckers S., Goff D., Schacter D.L., Savage C.R., Fischman A.J., Alpert N.M., & Rauch S.L. (1999). Functional imaging of memory retrieval in deficit vs nondéficit schizophrenia. *Archives of General Psychiatry*, *56*.1117-1123.

Kensinger, E.A. & Schacter, D.L. (1999). When true memories suppress false memories: Effects of aging. *Cognitive Neuropsychology*, *16*, 399-416.

Koutstaal, W., Schacter, D. L., Johnson, M. K., & Galluccio, L. (1999). Facilitation and impairment of event memory produced by photograph review. *Memory & Cognition*, *27*, 478-493.

Koutstaal, W., Schacter, D.L., Galluccio, L., & Stofer, K.A. (1999). Reducing gist-based false recognition in older adults: Encoding and retrieval manipulations. *Psychology and Aging, 14*, 220-237.

Koutstaal, W., Schacter, D.L., Verfaellie, M, Brenner, C., & Jackson, E.M. (1999). Perceptually-based false recognition of novel objects in amnesia: Effects of category size and similarity to prototype. *Cognitive Neuropsychology, 16*, 317-342.

Schacter, D.L. (1999). The seven sins of memory: Insights from psychology and cognitive neuroscience. *American Psychologist, 54*, 182-203.

Schacter, D.L. (1999). Implicit vs. explicit memory. In R.A. Wilson & F.C. Keil (Eds.) *The MIT Encyclopedia of the Cognitive Sciences* (pp. 156-157). Cambridge, MA: MIT Press.

Schacter, D.L., Badgaiyan, R.D., & Alpert, N.M. (1999). Visual word stem completion priming within and across modalities: A PET study. *NeuroReport, 10*, 2061-2065.

Schacter, D.L., Curran, T., Reiman, E.M., Chen, K, Bandy, D.J. & Frost, J.T. (1999). Medial temporal lobe activation during episodic encoding and retrieval: A PET study. *Hippocampus, 9*, 575-581.

Schacter, D.L., Israel, L., & Racine, C. (1999). Suppressing false recognition in younger and older adults: The distinctiveness heuristic. *Journal of Memory and Language, 40*, 1-24.

Schacter, D.L. & Wagner, A.D. (1999). Medial temporal lobe activations in fMRI and PET studies of episodic encoding and retrieval. *Hippocampus, 9*, 7-24.

Schacter, D.L. & Wagner, A.D. (1999). Remembrance of things past. *Science, 285*, 1503-1504.

Wagner, A.D. Koutstaal, W., & Schacter, D.L. (1999). When encoding yields remembering: Insights from event-related neuroimaging. *Philosophical Transactions of the Royal Society of London (B), 354*, 1283-94.

Buckner, R.L., Koutstaal, W., Schacter, D.L., and Rosen, B.R. (2000). fMRI evidence for a role of frontal and inferior temporal cortex in amodal components of priming. *Brain, 123*, 620-640.

Budson, A.E., Daffner, K.R., Desikan, R., & Schacter, D.L. (2000). When false recognition is unopposed by true recognition: Gist-based memory distortion in Alzheimer's disease. *Neuropsychology, 14*, 277-287.

Clancy, S.A., Schacter, D.L., McNally, R.J., & Pitman, R.K. (2000). False recognition in women reporting recovered memories of sexual abuse. *Psychological Science, 11*, 26-31.

Dodson, C.S., Koutstaal, W., & Schacter, D.L. (2000). Escape from illusion: Reducing false memories. *Trends in Cognitive Sciences, 4*, 391-397.

Heckers, S., Curran, T., Goff, D., Rauch, S.L., Fischman, A.J., Alpert, N.M., & Schacter, D.L. (2000). Abnormalities in thalamus and prefrontal cortex during episodic object recognition in schizophrenia. *Biological Psychiatry, 48*, 651-657.

Kihlstrom, J.F. & Schacter, D.L. (2000). Functional amnesia. In F. Boller & J. Grafman (Eds.) *Handbook of Neuropsychology, 2nd edition, Vol. 2* (pp.409-427). Amsterdam: Elsevier Publications.

McNally, R.J., Clancy, S.A., Schacter, D.L., & Pitman, R.K. (2000). Cognitive processing of trauma cues in adults reporting either repressed, recovered, or continuous memories of childhood sexual abuse. *Journal of Abnormal Psychology, 109*, 355-359.

McNally, R.J., Clancy, S.A., Schacter, D.L., & Pitman, R.K. (2000). Personality profiles, dissociation, and absorption in women reporting repressed, recovered, or continuous memories of childhood sexual abuse. *Journal of Consulting and Clinical Psychology, 68*, 1033-1037.

Ochsner, K. N., & Schacter, D. L. (2000). Constructing the emotional past: A social-cognitive-neuroscience approach to emotion and memory. In J. Borod (Ed.), *The neuropsychology of emotion*. New York: Oxford University Press.

Schacter, D.L. (2000). In memoriam - Laird Cermak, Ph.D - June 24, 1942 November 4, 1999. *Journal of the International Neuropsychological Society, 6*, 376-377.

Schacter, D.L. (2000). The seven sins of memory: Perspectives from functional neuroimaging. In E. Tulving (Ed.) *Memory, consciousness, and the brain: the Tallinn conference* (pp. 119-137). Philadelphia: Psychology Press.

Schacter, D.L. & Curran, T. (2000). Memory without remembering and remembering without memory: Implicit and false memories. In M.S. Gazzaniga (Ed.) *The cognitive neurosciences (2nd Ed.)* (pp.829-840). Cambridge: MIT Press.

Schacter, D.L. & Scarry, E. (2000). Introduction. In D.L. Schacter & E. Scarry (Eds.) *Memory, brain, and belief* (pp.1-10). Cambridge, MA: Harvard University Press.

Schacter, D.L., Wagner, A.D., & Buckner, R.L. (2000). Memory systems of 1999. In E. Tulving & F.I.M. Craik (Eds.) *The Oxford handbook of memory* (pp. 627-643). New York: Oxford University Press.

Wagner, A.D., Koutstaal, W., Maril, A., Schacter, D.L., & Buckner, R.L. (2000). Task-specific priming in left inferior frontal cortex. *Cerebral Cortex, 10*, 1176-1184.

Wagner, A. D., Maril, A., & Schacter, D. L. (2000). Interactions between forms of memory: When priming hinders new episodic learning. *Journal of Cognitive Neuroscience, 12*, 52-60.

Badgaiyan, R.D., Schacter, D.L., & Alpert, N.M. (2001). Priming within and across modalities: Exploring the nature of rCBF increases and decreases. *NeuroImage, 13*, 272-282.

Bar, M., Tootell, R.B.H., Schacter, D.L., Greve, D.N., Fischl, B., Mendola, J.D., Rosen, B.R., & Dale, A.M. (2001). Cortical mechanisms specific to explicit visual object recognition. *Neuron, 29*, 529-535.

Budson, A.E., Desikan, R., Daffner, K.R., & Schacter, D.L. (2001). Perceptual false recognition

in Alzheimer's disease. *Neuropsychology*, *15*, 230-243.

Cabeza, R., Rao, S.M., Wagner, A.D., Mayer, A.R., & Schacter, D.L. (2001). Can medial temporal lobe regions distinguish true from false? An event-related fMRI study of veridical and illusory recognition memory. *Proceedings of the National Academy of Sciences USA*, *98*, 4805-4810.

Curran, T., Schacter, D.L., Johnson, M.K., & Spinks, R. (2001). Brain potentials reflect behavioral differences in true and false recognition. *Journal of Cognitive Neuroscience*, *13*, 201-216.

Dodson, C.S. & Schacter, D.L. (2001). "If I had said it I would have remembered it:" Reducing false memories with a distinctiveness heuristic. *Psychonomic Bulletin and Review*, *8*, 155-161.

Dodson, C.S. & Schacter, D.L. (2001). The cognitive neuropsychology of memory distortion. In B. Rapp (Ed.) *Handbook of cognitive neuropsychology* (pp.445-463). Philadelphia: Psychology Press.

Koutstaal, W. & Schacter, D.L. (2001). Memory distortion and aging. In M. Naveh-Benjamin., M. Moscovitch, and H.L. Roediger. III (Eds.) *Perspectives on Human Memory and Cognitive Aging: Essays in Honour of Fergus Craik* (pp.362-383). Philadelphia, PA: Psychology Press.

Koutstaal, W., Verfaellie, M., & Schacter, D.L. (2001). Recognizing identical vs. similar categorically related common objects: further evidence for degraded gist-representations in amnesia. *Neuropsychology*, *15*, 268-289.

Koutstaal, W., Schacter, D.L., & Brenner, C. (2001). Dual task demands and gist-based false recognition of pictures in younger and older adults. *Journal of Memory and Language*, *44*, 399-426.

Koutstaal, W., Wagner, A. D., Rotte, M., Maril, A., Buckner, R. L., & Schacter, D. L. (2001). Perceptual specificity in visual object priming: fMRI evidence for a laterality difference in fusiform cortex. *Neuropsychologia*, *39*, 184-199.

Lieberman, M. D., Ochsner, K. N., Gilbert, D. T., & Schacter, D. L. (2001). Do amnesics exhibit cognitive dissonance reduction? The role of explicit memory and attention in attitude change. *Psychological Science*, *12*, 135-140.

Maril, A. Wagner, A.D., & Schacter, D.L. (2001). On the tip of the tongue: An event-related fMRI study of retrieval failure and cognitive conflict. *Neuron*, *31*, 653-660.

McNally, R. J., Clancy, S. A., & Schacter, D. L. (2001). Directed forgetting of trauma cues in adults reporting repressed or recovered memories of childhood sexual abuse. *Journal of Abnormal Psychology*, *110*, 151-156.

Savage, C.R., Deckersbach, T., Heckers, S., Wagner, A.D., Schacter, D.L., Alpert, N.M., Fischman A.J., & Rauch, S.L. (2001). Prefrontal regions supporting spontaneous and directed application of verbal learning strategies: Evidence from PET. *Brain*, *124*, 219-231.

- Schacter, D.L. (2001). Suppression of unwanted memories: Repression revisited? *Lancet*, 357, 1724-1725.
- Schacter, D.L. & Badgaiyan, R.D. (2001). Neuroimaging of priming: New perspectives on implicit and explicit memory. *Current Directions in Psychological Science*, 10, 1-4.
- Schacter, D.L., Cendan, D.L., Dodson, C.S., & Clifford, E.R. (2001). Retrieval conditions and false recognition: Testing the distinctiveness heuristic. *Psychonomic Bulletin and Review*, 8, 827-833.
- Schacter, D.L. & Dodson, C.S. (2001). Misattribution, false recognition, and the sins of memory. *Philosophical Transactions of the Royal Society (B)*, 356, 1385-1393.
- Sperling, R.A., Bates, J.C., Cocchiarella, A.J., Schacter, D.L., Rosen, B., & Albert, M.S. (2001). Encoding novel face-name associations: A functional MRI study. *Human Brain Mapping*, 14, 129-139.
- Wagner, A.D., Maril, A., Bjork, R.A., & Schacter, D.L. (2001). Prefrontal contributions to executive control: fMRI evidence for functional distinctions within lateral prefrontal cortex. *NeuroImage*, 14, 1337-1347.
- Badgaiyan, R.D., Schacter, D.L., & Alpert, N.M. (2002). Retrieval of relational information: A role for left inferior prefrontal cortex. *NeuroImage*, 17, 393-400.
- Budson, A.E., Michalska, K.J., Rentz, D.M., Joubert, C.C., Daffner, K.R., Schacter, D.L., & Sperling, R. A. (2002). Use of false recognition paradigm in an Alzheimer's disease clinical trial: A pilot study. *American Journal of Alzheimer's Disease and Other Dementias*, 17, 93-100.
- Budson, A.D., Sitarski, J., Daffner, K.R., & Schacter, D.L. (2002). False recognition of pictures versus words in Alzheimer's disease: The distinctiveness heuristic. *Neuropsychology*, 16, 163-173.
- Budson, A.D., Sullivan, A.L., Mayer, E., Daffner, K.R., Black, P.M., & Schacter, D.L. (2002). Suppression of false recognition in Alzheimer's disease and in patients with frontal lobe lesions. *Brain*, 125, 2750-2765.
- Clancy, S.A., McNally, R.J., Schacter, D.L., Lenzenweger, M.F., & Pitman, R.K. (2002). Memory distortion in people reporting abduction by aliens. *Journal of Abnormal Psychology*, 111, 455-461.
- Dobbins, I.G., Foley, H., Schacter, D.L., & Wagner, A.D. (2002). Executive control during episodic retrieval: Multiple prefrontal processes subserve source memory. *Neuron*, 35, 989-996.
- Dodson, C.S. & Schacter, D.L. (2002). When false recognition meets metacognition: The distinctiveness heuristic. *Journal of Memory and Language*, 46, 782-803.
- Dodson, C.S. & Schacter, D.L. (2002). Aging and strategic retrieval processes: Reducing false memories with a distinctiveness heuristic. *Psychology and Aging*, 17, 405-415.

- Dodson, C.S. & Schacter, D.L. (2002). The cognitive neuropsychology of false memories: Theory and data. In A.D. Baddeley, B.A. Wilson, & M.D. Kopelman (Eds.) *Handbook of memory disorders (2nd edition)*(pp.343-362). New York: John Wiley.
- Heckers, S., Weiss, A.P., Alpert, N.M., & Schacter, D.L. (2002). Hippocampal and brain stem activation during word retrieval after repeated and semantic encoding. *Cerebral Cortex, 12*, 900-907.
- Schacter, D.L., Verfaellie, M., & Koutstaal, W. (2002). Memory illusions in amnesic patients: Findings and implications. In L.R. Squire & D.L. Schacter (Eds.). *Neuropsychology of memory (3rd Edition)* (pp.114-129). New York: Guilford Press.
- Verfaellie, M., Schacter, D.L., & Cook, S.P. (2002). The effect of retrieval instructions on false recognition: Exploring the nature of the gist memory impairment in amnesia. *Neuropsychologia, 40*, 2360-2368.
- Weiss, A.P., Dodson, C.S., Goff, D.C., Schacter, D.L., & Heckers, S. (2002). Intact suppression of increased false recognition in schizophrenia. *American Journal of Psychiatry, 159*, 1506-1513.
- Badgaiyan, R.D., Schacter, D.L., & Alpert, N.M. (2002). Priming of new associations: A PET study. *NeuroReport, 14*, 2475-2479.
- Budson, A.E., Michalska, K.J., Sullivan, A.L., Rentz, D.M., Daffner, K.R., & Schacter, D.L. (2003). False recognition in Alzheimer's disease: Evidence from categorized pictures. *Cognitive & Behavioral Neurology, 16*, 16-27.
- Budson, A.E., Sullivan, A.L., Daffner, K.R., & Schacter, D.L. (2003). Semantic versus phonological false recognition in aging and Alzheimer's disease. *Brain and Cognition, 51*, 251-261.
- Dobbins, I. G., Rice, H. J., Wagner, A. D., & Schacter, D. L. (2003). Memory orientation and success: Separable neurocognitive components underlying episodic recognition. *Neuropsychologia, 41*, 318-333.
- Goldmann, R.E., Sullivan, A.L., Droller, D.J., Rugg, M.D., Curran, T., Holcomb, P.J., Schacter, D.L., Daffner, K.R., & Budson, A.E. (2003). Late frontal brain potentials distinguish true and false recognition. *NeuroReport, 14*, 1717-1720.
- Kihlstrom, J.F. & Schacter, D.L. (2003). Functional amnesia. In J.H. Byrne (Ed.) *Encyclopedia of Learning and Memory*. New York: Macmillan.
- Koutstaal, W., Reddy, C., Jackson, E.M., Prince, S, Cendan, D.L., & Schacter, D.L. (2003). Recognition of abstract vs. common objects in older and younger adults: Testing the semantic categorization account. *Journal of Experimental Psychology: Learning, Memory, & Cognition, 29*, 499-510.
- Maril, A., Simons, J.S., Mitchell, J.P., Schwartz, B.L., & Schacter, D.L. (2003). Feeling-of-

knowing in episodic memory: An event-related fMRI study. *NeuroImage*, 18, 827-836.

Ochsner, K.N. & Schacter, D.L. (2003). Remembering emotional events: A social cognitive neuroscience approach. In R.J. Davidson, K.R. Scherer, & H.H. Goldsmith (Eds.), *Handbook of affective sciences* (pp. 343-360). New York: Oxford University Press.

Schacter, D.L. (2003). Richard Semon. In J.H. Byrne (Ed.) *Encyclopedia of Learning and Memory*. New York: Macmillan.

Schacter, D.L., Chiao, J.Y., & Mitchell, J.P. (2003). The seven sins of memory: Implications for the self. *Annals of the New York Academy of Sciences*, 1001, 226-239.

Simons, J.S., Koutstaal, W., Prince, S., Wagner, A.D., & Schacter, D.L. (2003). Neural mechanisms of visual object priming: Evidence for perceptual and semantic distinctions in fusiform cortex. *NeuroImage*, 19, 613-626.

Sperling, R.A., Bates, J.C., Chua, E.F., Cocchiarella, A.J., Rentz, D.M., Rosen, B., Schacter, D.L., & Albert, M.S. (2003). fMRI studies of associative encoding in young and elderly controls and mild Alzheimer's disease. *Journal of Neurology, Neurosurgery, & Psychiatry*, 74, 44-50.

Sperling, R.A., Chua, E., Cocchiarella, A., Rand-Giovannetti, E., Poldrack, R., Schacter, D.L., & Albert, M.S. (2003). Successful encoding of associative memories activates the anterior hippocampal formation. *NeuroImage*, 20, 1400-1410.

Weiss, A.P., Schacter, D.L., Goff, D.C., Rauch, S.L., Alpert, N.M., Fischman, A.J., & Heckers S. (2003). Impaired hippocampal recruitment during normal modulation of memory performance in schizophrenia. *Biological Psychiatry*, 53, 48-55.

Buckner, R.L. & Schacter, D.L. (2004). Neural correlates of memory's successes and sins. In M.S. Gazzaniga (Ed.) *The Cognitive Neurosciences III*. (pp. 739-752). Cambridge, MA: MIT Press.

Budson, A.E., Simons, J.S., Sullivan, A.L., Beier, J.S., Solomon, P.R., Scinto, L.F., Daffner, K.R., & Schacter, D.L. (2004) Memory and emotions for the 9/11/01 terrorist attacks in patients with Alzheimer's disease, mild cognitive impairment, and healthy older adults. *Neuropsychology*, 18, 315-327.

Chua, E.F., Rand-Giovannetti, E., Schacter, D.L., Albert, M.S., & Sperling, R.A. (2004). Dissociating confidence and accuracy: fMRI shows origins of the subjective memory experience. *Journal of Cognitive Neuroscience*, 16, 1131-1142.

Dobbins, I.G., Schnyer, D.M., Verfaellie, M., & Schacter, D.L. (2004). Cortical activity reductions during repetition priming can result from rapid response learning. *Nature*, 428, 316-319.

Dobbins, I.G., Simons, J.S., & Schacter, D.L. (2004). FMRI evidence for separable and lateralized prefrontal memory monitoring processes. *Journal of Cognitive Neuroscience*, 16, 908-920.

Gallo, D.A., Sullivan, A.L., Schacter, D.L., & Budson, A.E. (2004). Associative recognition in Alzheimer's disease: Evidence for impaired recall-to-reject. *Neuropsychology, 18*, 556-563.

Gallo, D.A., Weiss, J.A., & Schacter, D.L. (2004). Monitoring false recognition with criterial recollection tests: Distinctiveness heuristic versus criterion shifts. *Journal of Memory and Language, 51*, 473-493.

Jackson, O. & Schacter, D.L. (2004). Encoding activity in anterior medial temporal lobe supports associative recognition. *NeuroImage, 21*, 456-464.

Pierce, B.H., Simons, J., & Schacter, D.L. (2004). Aging and the seven sins of memory. *Advances in Cell Aging and Gerontology: Recent Advances in the Psychology of Aging, 15*, 1-40.

Schacter, D.L. (2004). The fog of war. *The New York Times*, April 5, A25.

Schacter, D.L. (2004). When memory sins. In J. T. Cacioppo & G.G. Berntson (Eds.). *Essays in social neuroscience* (pp.93-105). Cambridge, MA: MIT Press.

Schacter, D.L., Dobbins, I.G., & Schnyer, D.M. (2004). Specificity of priming: A cognitive neuroscience perspective. *Nature Reviews Neuroscience, 5*, 853-862.

Schacter, D.L. & Slotnick, S.D. (2004). The cognitive neuroscience of memory distortion. *Neuron, 44*, 149-160.

Shin, L.M., Shin, P.S., Heckers, S., Krangel, T.S., Macklin, M.L., Orr, S.P., Lasko, N.B., Segal, E., Makris, N., Richert, K., Levering, J., Schacter, D.L., Alpert, N.M., Fischman, A.J., Pitman, R.K. & Rauch, S.L. (2004). Hippocampal function in posttraumatic stress disorder. *Hippocampus, 14*, 292-300.

Simons, J.S., Dodson, C.S., Bell, D., & Schacter, D.L. (2004). Specific and partial source memory: Effects of aging. *Psychology and Aging, 19*, 689-694.

Slotnick, S.D. & Schacter, D.L. (2004). A sensory signature that distinguishes true from false memories. *Nature Neuroscience, 7*, 664-672.

Wolk, D.A., Schacter, D.L., Berman, A.R., Holcomb, P.J., Daffner, K.R., & Budson, A.E. (2004). An electrophysiological investigation of the relationship between conceptual fluency and familiarity. *Neuroscience Letters, 369*, 150-155.

Budson, A.E., Dodson, C.S., Daffner, K.R., & Schacter, D.L. (2005). Metacognition and false recognition in Alzheimer's disease: Further explorations of the distinctiveness heuristic. *Neuropsychology, 19*, 253-258.

Budson, A.E., Dodson, C.S., Vatner, J.M., Daffner, K.R., Black, P.M., & Schacter, D.L. (2005). Metacognition and false recognition in patients with frontal lobe lesions. *Neuropsychologia, 43*, 860-871.

Budson, A.E., Droller, D.B.J., Dodson, C.S., Schacter, D.L., Rugg, M.D., Holcomb, P.J., &

- Daffner, K.R. (2005). Electrophysiological dissociation of picture versus word encoding: The distinctiveness heuristic as a retrieval orientation. *Journal of Cognitive Neuroscience*, *17*, 1181-1193.
- Garoff, R.J., Slotnick, S.D., & Schacter, D.L. (2005). The neural origins of specific and general memory: The role of fusiform cortex. *Neuropsychologia*, *43*, 847-859.
- Kensinger, E.A. & Schacter, D.L. (2005). Emotional content and reality monitoring ability: fMRI evidence for the influence of encoding processes. *Neuropsychologia*, *43*, 1429-1443.
- Kensinger, E.A. & Schacter, D.L. (2005). Retrieving accurate and distorted memories: Neuroimaging evidence for the effects of emotion. *NeuroImage*, *27*, 167-177.
- Maril, A., Simons, J.S., Weaver, J.J., & Schacter, D.L. (2005). Graded recall success: An event-related fMRI comparison of tip of the tongue and feeling of knowing. *NeuroImage*, *24*, 1130-1138.
- Mitchell, J.P., Dodson, C.S., & Schacter, D.L. (2005). fMRI evidence for the role of recollection in suppressing misattribution errors: The illusory truth effect. *Journal of Cognitive Neuroscience*, *17*, 800-810.
- Pierce, B.H., Gallo, D.A., Weiss, J.A., & Schacter, D.L. (2005). The modality effect in false recognition: Evidence for test-based monitoring. *Memory and Cognition*, *33*, 1407-1413.
- Pierce, B.A., Sullivan, A.L., Schacter, D.L., & Budson, A.E. (2005). Comparing source-based and gist-based false recognition in aging and Alzheimer's disease. *Neuropsychology*, *19*, 411-419.
- Rosenbaum, R.S., Kohler, S., Schacter, D.L., Moscovitch, M., Westmacott, R., Black, S.E., Gao, F., & Tulving, E. (2005). The case of K.C.: Contributions of a memory-impaired person to memory theory. *Neuropsychologia*, *43*, 98-1021.
- Simons, J.S., Lee, A.C.H., Graham, K.S., Verfaellie, M., Koutstaal, W., Hodges, J.R., Schacter, D.L., & Budson, A.E. (2005). Failing to get the gist: Reduced false recognition of semantic associates in semantic dementia. *Neuropsychology*, *19*, 353-361.
- Verfaellie, M., Page, K., Orlando, F., & Schacter, D.L. (2005). Impaired implicit memory for gist information in amnesia. *Neuropsychology*, *19*, 760-769.
- Wolk, D.A., Schacter, D.L., Berman, A.R., Holcomb, P.J., Daffner, K.R., & Budson, A.E. (2005). Patients with Alzheimer's disease attribute conceptual fluency to prior experience. *Neuropsychologia*, *43*, 1662-1672.
- Bar, M., Kassam, K.S., Ghuman, A.S., Boshyan, J., Schmidt, A.M., Dale, A.M., Hamalainen, M.S., Marinkovic, K., Schacter, D.L., Rosen, B.R., & Halgren, E. (2006). Top down facilitation of visual recognition. *Proceedings of the National Academy of Sciences*, *103*, 449-454.
- Budson, A.E., Todman, R.W., & Schacter, D.L. (2006). Gist memory in Alzheimer's disease: Evidence from categorized pictures. *Neuropsychology*, *20*, 113-122.

Chua, E.F., Schacter, D.L., Rand-Giovannetti, E., & Sperling, R.A. (2006). Understanding metamemory: Neural correlates of the cognitive process and subjective level of confidence in recognition memory. *NeuroImage*, *29*, 1150-1160.

Gallo, D.A., Bell, D., Beier, J., & Schacter, D.L. (2006). Two types of recollection-based monitoring in younger and older adults: Recall-to-reject and the distinctiveness heuristic. *Memory*, *14*, 73-741.

Gallo, D.A., Kensinger, E.A., & Schacter, D.L. (2006). Prefrontal activity and diagnostic monitoring of memory retrieval: fMRI of the criterial recollection task. *Journal of Cognitive Neuroscience*, *18*, 135-148.

Gallo, D.A., Shahid, K.R., Olson, M.A., Solomon, T.M., Schacter, D.L., & Budson, A.E. (2006). Overdependence on degraded gist memory in Alzheimer's disease. *Neuropsychology*, *20*, 625-632.

Garoff-Eaton, R.J., Slotnick, S.D., & Schacter, D.L. (2006). Not all false memories are created equal: The neural basis of false recognition. *Cerebral Cortex*, *16*, 1645-1652.

Kensinger, E.A., Garoff-Eaton, R.J., & Schacter, D.L. (2006). Memory for specific visual details can be enhanced by negative arousing content. *Journal of Memory and Language*, *54*, 99-112.

Kensinger, E.A. & Schacter, D.L. (2006). Amygdala activity is associated with the successful encoding of item, but not source, information for positive and negative stimuli. *Journal of Neuroscience*, *26*, 2564-2570.

Kensinger, E.A. & Schacter, D.L. (2006). Neural processes underlying memory attribution on a reality-monitoring task. *Cerebral Cortex*, *16*, 1126-1133.

Kensinger, E.A. & Schacter, D.L. (2006). Reality monitoring and memory distortion: Effects of negative, arousing content. *Memory and Cognition*, *34*, 251-260.

Kensinger, E.A. & Schacter, D.L. (2006). Processing emotional pictures and words: effects of valence and arousal. *Cognitive, Affective, and Behavioral Neuroscience*, *6*, 110-126.

Kensinger, E.A. & Schacter, D.L. (2006). When the Red Sox shocked the Yankees: Comparing negative and positive memories. *Psychonomic Bulletin and Review*, *13*, 757-763. .

Rand-Giovannetti, E., Chua, E.F., Driscoll, A.E., Schacter, D.L., Albert, M.S., & Sperling, R.A. (2006). Hippocampal and neocortical activation during repetitive encoding in older persons. *Neurobiology of Aging*, *27*, 173-182.

Mitchell, J.P., Sullivan, A.L., Schacter, D.L., & Budson, A.E. (2006). Misattribution errors in Alzheimer's disease: The illusory truth effect. *Neuropsychology*, *20*, 185-192.

Schacter, D.L. & Wiseman, A.L. (2006). Reducing memory errors: The distinctiveness heuristic. In R.R. Hunt & J. Worthen (Eds.) *Distinctiveness and memory* (pp. 89-107). New York: Oxford

University Press.

Schnyer, D.M., Dobbins, I.G., Nicholls, L., Schacter, D.L., & Verfaellie, M. (2006). Rapid response learning in amnesia: Delineating associative learning components in repetition priming. *Neuropsychologia*, *44*, 140-149.

Slotnick, S.D. & Schacter, D.L. (2006). The nature of memory related activity in early visual areas. *Neuropsychologia*. *44*, 2877-2886.

Weiss, A.P., Goff, D.C., Schacter, D.L., Ditman, T., Freudenreich, O., Henderson, D., & Heckers, S. (2006). Fronto-hippocampal function during temporal context monitoring in schizophrenia. *Biological Psychiatry*, *60*, 1268-1277.

Wolk, D.A., Schacter, D.L., Lygizos, M., Sen, N.M., Holcomb, P.J., Daffner, K.R., & Budson, A.E. (2006). ERP correlates of recognition memory: Effects of retention interval and false alarms. *Brain Research*, *1096*, 148-162.

Addis, D.R., Wong, A.T. & Schacter, D.L. (2007). Remembering the past and imagining the future: Common and distinct neural substrates during event construction and elaboration. *Neuropsychologia*, *45*, 1363-1377.

Budson, A.E., Simons, J.S., Waring, J.D., Sullivan, A.L., Hussion, T., & Schacter, D.L. (2007) Memory for the September 11, 2001 terrorist attacks one year later in patients with Alzheimer's disease, patients with mild cognitive impairment, and healthy older adults. *Cortex*, *43*, 875-888.

Chua, E.F., Schacter, D.L., Rand-Giovannetti, E., & Sperling, R.A. (2007). Evidence for a specific role of the anterior hippocampal region in successful associative encoding. *Hippocampus*, *17*, 1071-1080.

Dickerson, B.C., Miller, S.L., Greve, D.N., Dale, A.M., Albert, M.S., Schacter, D.L., & Sperling, R.A. (2007). Prefrontal-hippocampal-fusiform activity during encoding predict intra-individual differences in free recall ability: An event-related functional-anatomic MRI study. *Hippocampus*, *17*, 1060-1070.

Gallo, D.A., Chen, J.M., Wiseman, A.L., Schacter, D.L., & Budson, A.E. (2007). Retrieval monitoring and anosognosia in Alzheimer's disease. *Neuropsychology*, *21*, 559-568.

Gallo, D.A., Cotel, S.C., Moore, C.D., & Schacter, D.L. (2007). Aging can spare recollection-based retrieval monitoring: The importance of event distinctiveness. *Psychology and Aging*, *22*, 209-213.

Garoff-Eaton, R.J., Kensinger, E.A., & Schacter, D.L. (2007). The neural correlates of conceptual and perceptual false recognition. *Learning and Memory*, *14*, 684-692.

Gold, C.A., Marchant, N.L., Koutstaal, W., Schacter, D.L., & Budson, A.E. (2007). Conceptual fluency at test shifts recognition response bias in Alzheimer's disease: Implications for increased false recognition. *Neuropsychologia*, *45*, 2791-2801.

Gutchess, A.H., Kensinger, E.A., & Schacter, D.L. (2007). Aging, self-referencing, and medial prefrontal cortex. *Social Neuroscience*, 2, 117-133.

Gutchess, A.H., Kensinger, E.A., Yoon, C., & Schacter, D.L. (2007). Ageing and the self-reference effect in memory. *Memory*, 15, 822-837.

Hwang, D.Y., Gallo, D.A., Ally, B.A., Black, P.M., Schacter, D.L., & Budson, A.E. (2007). Diagnostic retrieval monitoring in patients with frontal lobe lesions: Further exploration of the distinctiveness heuristic. *Neuropsychologia*, 45, 2543-2552.

Kensinger, E.A., Garoff-Eaton, R.J., & Schacter, D.L. (2007). Effects of emotion on memory specificity: Memory trade-offs elicited by negative visually arousing stimuli. *Journal of Memory and Language*, 56, 575-591.

Kensinger, E.A., Garoff-Eaton, R.J., & Schacter, D.L. (2007). Effects of emotion on memory specificity in younger and older adults. *Journal of Gerontology: Psychological Science*, 62, 208-215.

Kensinger, E.A., Garoff-Eaton, R.J., & Schacter, D.L. (2007). How negative emotion enhances the visual specificity of a memory. *Journal of Cognitive Neuroscience*, 19, 1872-1887.

Kensinger, E.A., Gutchess, A.H., & Schacter, D.L. (2007). Effects of aging and encoding instructions on emotion-induced memory trade-offs. *Psychology and Aging*, 22, 781-795.

Kensinger, E.A., O'Brien, J.L., Swanberg, K., Garoff-Eaton, R.J., & Schacter, D.L. (2007). The effects of emotional content on reality-monitoring performance in young and older adults. *Psychology and Aging*, 22, 752-764.

Kensinger, E.A. & Schacter, D.L. (2007). Remembering the specific visual details of presented objects: Neuroimaging evidence for effects of emotion. *Neuropsychologia*, 45, 2951-2962.

Schacter, D.L. (2007). Memory: delineating the core. In H.L. Roediger, Y. Dudai, & S.M. Fitzpatrick (Eds.) *Science of memory: Concepts* (pp.23-27). New York: Oxford University Press.

Schacter, D.L. & Addis, D.R. (2007). The ghosts of past and future. *Nature*, 445, 27.

Schacter, D.L. & Addis, D.R. (2007). The cognitive neuroscience of constructive memory: Remembering the past and imagining the future. *Philosophical Transactions of the Royal Society (B)*, 362, 773-786.

Schacter, D.L. & Addis, D.R. (2007). On the constructive episodic simulation of past and future events. *Behavioral and Brain Sciences*, 30, 331-332.

Schacter, D.L. & Addis, D.R. (2007). The optimistic brain. *Nature Neuroscience*, 10, 1345-1347.

Schacter, D.L., Addis, D.R., & Buckner, R.L. (2007). Remembering the past to imagine the future: The prospective brain. *Nature Reviews Neuroscience*, 8, 657-661.

Schacter, D.L., Gallo, D.A., & Kensinger, E.A. (2007). The cognitive neuroscience of implicit and false memories: Perspectives on processing specificity. In J.S. Nairne (Ed.) *The foundations of remembering: Essays in honor of Henry L. Roediger III* (pp.353-378). New York: Psychology Press.

Schacter, D.L., Wig, G.S., & Stevens, W.D. (2007). Reductions in cortical activity during priming. *Current Opinion in Neurobiology*, *17*, 171-176.

Schnyer, D.M., Dobbins, I.G., Nicholls, L., Davis, S., Verfaellie, M., & Schacter, D.L. (2007). Item to decision mapping in rapid response learning. *Memory and Cognition*, *35*, 1472-1482.

Slotnick, S.D. & Schacter, D.L. (2007). The cognitive neuroscience of memory and consciousness. In P. D. Zelazo, M. Moscovitch, & E. Thompson (Eds.) *Cambridge handbook of Consciousness* (pp.809-827). New York: Cambridge University Press.

Wolk, D.A., Schacter, D.L., Lygizos, M., Sen, N.M., Chong, H., Holcomb, P.J., Daffner, K.R., & Budson, A.E. (2007). ERP correlates of remember/know decisions: Association with the late posterior negativity. *Biological Psychology*, *75*, 131-135.

Addis, D.R. & Schacter, D.L. (2008). Constructive episodic simulation: Temporal distance and detail of past and future events modulate hippocampal engagement. *Hippocampus*, *18*, 227-237.

Addis, D.R., Wong, A.T., & Schacter, D.L. (2008). Age-related changes in the episodic simulation of future events. *Psychological Science*, *18*, 33-41.

Aminoff, E., Schacter, D.L., & Bar, M. (2008). The cortical underpinnings of context-based memory distortion. *Journal of Cognitive Neuroscience*, *20*, 2226-2237.

Bar, M., Aminoff, E. & Schacter, D. L. (2008). Scenes unseen: The parahippocampal cortex intrinsically subserves contextual associations, not scenes or places per se. *Journal of Neuroscience*, *28*, 8539-8544.

Buckner, R.L., Andrews-Hanna, J.R., & Schacter, D.L. (2008). The brain's default network: Anatomy, function, and relevance to disease. *The Year in Cognitive Neuroscience, Annals of the New York Academy of Sciences*, *1124*, 1-38.

Gallo, D.A., Perlmutter, D.H., Moore, C.D., & Schacter, D.L. (2008). Distinctive encoding reduces the Jacoby-Whitehouse illusion. *Memory and Cognition*, *36*, 461-466.

Kensinger, E.A. & Schacter, D.L. (2008). Neural processes supporting young and older adults' emotional memories. *Journal of Cognitive Neuroscience*, *20*, 1161-1173.

Kensinger, E.A. & Schacter, D.L. (2008). Memory and emotion. In M. Lewis, J.M. Haviland-Jones, & L.F. Barrett (Eds.) *Handbook of emotions* (pp. 601-617.). New York: Guilford Press.

Pierce, B.H., Waring, J.D., Schacter, D.L., & Budson, A.E. (2008). Effects of distinctive encoding on source-based false recognition: Further examination of recall-to-reject processing in

aging and Alzheimer's disease. *Cognitive and Behavioral Neurology*, 21, 179-186.

Schacter, D.L., Addis, D.R., & Buckner, R.L. (2008). Episodic simulation of future events: Concepts, data, and applications. *The Year in Cognitive Neuroscience, Annals of the New York Academy of Sciences*, 1124, 39-60.

Schacter, D.L., Dawes, R., Jacoby, L.L., Kahneman, D., Lempert, R., Roediger, H.L., & Rosenthal, R. (2008). Studying eyewitness investigations in the field. *Law and Human Behavior*, 32, 3-5.

Stevens, W.D., Wig, G.S., & Schacter, D.L. (2008). Implicit memory and priming. In J.H. Byrne et al. (Ed.) *Learning and memory: A comprehensive reference* (pp. 632-645). Oxford: Elsevier.

Weiss, A.P., Goff, D.C., Duff, M., Roffman, J.L., & Schacter, D.L. (2008). Distinguishing familiarity-based from source-based memory performance in patients with schizophrenia. *Schizophrenia Research*, 99, 208-217.

Addis, D.R., Pan, L., Vu, M.A., Laiser, N., & Schacter, D.L. (2009). Constructive episodic simulation of the future and the past: Distinct subsystems of a core brain network mediate imagining and remembering. *Neuropsychologia*, 47, 2222-2238.

Addis, D.R., Sacchetti, D.C., Ally, B.A., Budson, A.E., & Schacter, D.L. (2009). Episodic simulation of future events is impaired in mild Alzheimer's disease. *Neuropsychologia*, 47, 2660-2671.

Chua, E.F., Schacter, D.L., & Sperling, R.A. (2009). Neural correlates of metamemory: A comparison of feeling-of-knowing and retrospective confidence judgments. *Journal of Cognitive Neuroscience*, 21, 1751-1765.

Chua, E.F., Schacter, D.L., & Sperling, R.A. (2009). Neural basis for recognition confidence in younger and older adults. *Psychology and Aging*, 24, 139-153.

Hirst, W., Phelps, E.A., Buckner, R.L., Budson, A.E., Cuc, A., Gabrieli, J.D.E., Johnson, M.K., Lyle, K.B., Lustig, C., Mather, M., Meksin, R., Mitchell, K.J., Ochsner, K.N., Schacter, D.L., Simons, J.S., & Vaidya, C.J. (2009). Long-term memory for the terrorist attack of September 11: Flashbulb memories, event memories, and the factors that influence their retention. *Journal of Experimental Psychology: General*, 138, 161-176.

Payne, J.D., Schacter, D.L., Propper, R., Huang, L., Wamsley, E., Tucker, M.A., Walker, M.P., & Stickgold, R. (2009). The role of sleep in false memory formation. *Neurobiology of Learning and Memory*, 92, 327-334.

Schacter, D.L. (2009). Memory systems, neural basis of. In T. Bayne, A. Cleermans, & P. Wilken (Eds.), *The Oxford companion to consciousness* (pp. 432-436). Oxford: Oxford University Press.

Schacter, D.L. & Addis, D.R. (2009). On the nature of medial temporal lobe contributions to the constructive simulation of future events. *Philosophical Transactions of the Royal Society (B)*,

364, 1245-1253.

Schacter, D.L. & Addis, D.R. (2009). Remembering the past to imagine the future: A cognitive neuroscience perspective. *Military Psychology, 21*, S108-S112.

Schacter, D.L., Addis, D.R., & Buckner, R.L. (2009). Constructive memory and the simulation of future events. In M.S. Gazzaniga (Ed.) *The Cognitive Neurosciences IV* (pp. 751-762). Cambridge, MA: MIT Press.

Schacter, D.L. & Gaesser, B. (2009). Memory and reality. Review of A. Schneider, *The confabulating mind*. *Nature Neuroscience, 12*, 367.

Schacter, D.L., Gutchess, A.H., & Kensinger, E.A. (2009). Specificity of memory: Implications for individual and collective remembering. In P. Boyer & J. Wertsch (Eds.) *Memory in mind and culture* (pp. 83-111). Cambridge: Cambridge University Press.

Weiss, A.P., Ellis, C.B., Roffman, J.L., Stufflebeam, S., Hamalainen, M.S., Duff, M., Goff, D.C., & Schacter, D.L. (2009). Aberrant frontoparietal function during recognition memory in schizophrenia: A multimodal neuroimaging investigation. *Journal of Neuroscience, 29*, 11347-11359.

Wig, G.S., Buckner, R.L., & Schacter, D.L. (2009). Repetition priming influences distinct brain systems: Evidence from task-evoked data and resting-state correlations. *Journal of Neurophysiology, 101*, 2632-2648.

Addis, D.R., Musicaro, R., Pan, L., & Schacter, D.L. (2010). Episodic simulation of past and future events in older adults: Evidence from an experimental recombination task. *Psychology and Aging, 25*, 369-376.

Giovanello, K.S., Kensinger, E.A., Wong, A.T., & Schacter, D.L. (2010). Age-related neural changes during memory conjunction errors. *Journal of Cognitive Neuroscience, 22*, 1348-1361.

Gutchess, A.H., Kensinger, E.A., & Schacter, D.L. (2010). Functional neuroimaging of self-referential encoding with age. *Neuropsychologia, 48*, 211-219.

Schacter, D.L., Gaesser, B., & Addis, D.R. (2010). Age-related changes in the episodic simulation of past and future events. In A.S. Benjamin (Ed.) *Successful remembering and successful forgetting: A festschrift in honor of Robert A. Bjork* (pp. 505-525). New York: Psychology Press.

Spreng, R.N., Stevens, W.D., Chamberlain, J.P., Gilmore, A.W. & Schacter, D.L. (2010). Default network activity, coupled with the frontoparietal control network, supports goal-directed cognition. *NeuroImage, 53*, 303-317.

Stevens, W.D., Buckner, R.L., & Schacter, D.L. (2010). Correlated low-frequency BOLD fluctuations in the resting human brain are modulated by recent experience in category-preferential visual regions. *Cerebral Cortex, 20*, 1997-2006.

Slotnick, S.D. & Schacter, D.L. (2010). Conscious and nonconscious memory effects are temporally dissociable. *Cognitive Neuroscience, 1*, 8-15.

Waring, J.D., Payne, J.D. Schacter, D.L., & Kensinger, E.A. (2010). Impact of individual differences upon emotion-induced memory trade-offs. *Cognition and Emotion, 24*, 150-167.

Addis, D.R., Cheng, T., Roberts, R., & Schacter, D.L. (in press). Hippocampal contributions to the episodic simulation of specific and general future events. *Hippocampus*.

Gaesser, B., Sacchetti, D. C., Addis, D. R., & Schacter, D. L. (in press). Characterizing age-related changes in remembering the past and imagining the future. *Psychology and Aging*.

Gerlach, K.D., Spreng, R.N., Gilmore, A.W., & Schacter, D.L. (in press). Solving future problems: Default network and executive activity associated with goal-directed mental simulations. *NeuroImage*.

Schacter, D.L., Chamberlain, J., Gaesser, B., & Gerlach, K. D. (in press). In L. Nadel and W. Sinnott-Armstrong (Eds.) *Memory and law: Perspectives from cognitive neuroscience* New York: Oxford University Press.

Schacter, D.L. & Wagner, A.D. (in press). Learning and memory. In E.R. Kandel, J.R. Schwartz, & T.M. Jessell (Eds.) *Principles of neural science (5th Ed.)*. New York: McGraw-Hill.

Presentations

Papers presented at Scientific Meetings

Over 500 refereed or invited papers/posters presented at national and international meetings in North America, Europe, and Australia.

Special Lectures, Workshops, and Seminars

Over 300 special lectures, workshops or seminars presented at scientific meetings, hospitals, and universities in North America, Europe, and Australia.

Departmental Colloquia

Over 250 colloquia presented to psychology departments and medical schools in North America and Europe.

Selected Recent Invited Lectures/Colloquia

2011

East China Normal University, Shanghai
Keynote Address, International Neuropsychological Society, Boston
Dallas Aging and Cognition Conference, University of Texas-Dallas
Brigham and Women's Hospital, Boston

Southern Society for Philosophy and Psychology, New Orleans
Eastern Psychological Association, Cambridge
Department of Psychology, Williams College

2010

Plenary Address, American Psychoanalytic Association, New York
Keynote Address, Dallas Aging and Cognition Conference, University of Texas-Dallas
John Rybash Memorial Lecture, Hamilton College
Invited Address, American Psychological Association, San Diego
Invited Address, Oklahoma Network on the Teaching of Psychology, Oklahoma State University
Lyle Lanier Lecture, University of Illinois, Champaign-Urbana
Invited Address, Conference on Collective Memory, Rencontres Internationales Geneva
Distinguished Lecture Series, University of Geneva
Invited Address, Ciudad de Las Ideas, Puebla, Mexico
NYU/CNRS Center, New York University

2009

Neuroscience and Cognitive Systems Program, University of Maryland
Howard Crosby Warren Medal Address, Society of Experimental Psychologists, Boulder
Distinguished Lecture Series, Berlin School of Mind and Brain, Berlin
Distinguished Lecturer, Swedish Neuropsychological Society, Lund, Gothenberg, Umea, Stockholm
D.O. Hebb Lecture Series, Department of Psychology, McGill University
Department of Psychology, Boston University
Quinn Memorial Lecture, Department of Psychology, University of British Columbia
Department of Psychology, York University

2008

Neuroscience Program, University of California, San Diego
Department of Psychology, University of Michigan
Department of Psychology, Washington University
Invited Address, Days of Molecular Medicine, Karolinska Institute, Stockholm
Plenary Address, Federation of European Neuroscience Societies, Geneva
Invited Address, American Psychological Association, Boston
Distinguished Lecturer Series, Andrus Gerontology Center, University of Southern California
Cognitive Forum, Department of Psychology, UCLA
Department of Psychology, Harvard University

2007

Sage Center for the Study of the Mind, University of California-Santa Barbara
Carl Duncan Memory Consolidation Lecture, Department of Psychology, Northwestern University
Malcolm Jeeves Lecture, Department of Psychology, University of St. Andrews
Department of Psychology, Adelphi University

Department of Psychology, Brandeis University
Center for Learning & Memory, University of Texas-Austin
Keynote Address, Conference on Sustaining Performance under Stress, Austin, Texas

2006

Robert Crowder Memorial Lecture, Department of Psychology, Yale University
Invited Address, National Institute on the Teaching of Psychology, St. Petersburg
Department of Neuroscience, University of North Carolina, Chapel Hill
Keynote Address, International Conference on Memory, Sydney
Keynote Address, Cognitive Science Society, Vancouver
Center for Cognitive Neuroscience, University of Pennsylvania

2005

Arnold Small Lecture, Human Factors Society, Orlando
Broadbent Lecture, European Society for Cognitive Psychology, Leiden
Harrington Distinguished Lecturer, Baldwin-Wallace College
Department of Psychology, Stanford University
Psi Chi Lewis Distinguished Lecture, American Psychological Association

2004

Department of Psychology, Temple University
Keynote Address, Division 40, American Psychological Association, Honolulu
Department of Psychology, Georgia Tech University
Council of Graduate Departments of Psychology, Austin

2003

Department of Psychology, Michigan State University
William James Book Award Lecture, American Psychological Association, Toronto
Presidential Symposium, American Psychological Society, Atlanta
Department of Psychology, Johns Hopkins University
Distinguished University Lecturer, LaSalle University
Distinguished Lecture in Cognitive Neuroscience, Univ. of California-Davis

2002

Psi Chi Distinguished Lecture, Eastern Psychological Association, Boston
Wendell Jeffrey Lecture, Department of Psychology, UCLA

2001

Benedum Lecture, West Virginia University
Hans-Lucas Teuber Memorial Lecture, Dept. of Brain and Cognitive Sciences, MIT
Center for Cognitive Neuroscience, University of Pennsylvania

2000

Keynote Address, International Congress of Psychology, Stockholm
Keynote Address, American Psychological Society, Miami
Keynote Address, Lifelong Learning Conference, Austin
Systems and Cognitive Neuroscience Program, NIMH

1999

Department of Psychology, Duke University
Department of Psychology, University of Michigan
Keynote Address, Conference on Cognitive and Neural Systems, Boston University
Institute for Cognitive Neuroscience, University College London
Department of Psychology, Bristol University